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AMENDMENTS
430 - 652

Draft report
Ibán García Del Blanco
(PE650.508v01-00)

Framework of ethical aspects of artificial intelligence, robotics and related technologies
(2020/2012(INL))

AM_Com_NonLegReport

Amendment 430
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 25

Motion for a resolution	*Amendment*
(25) Socially responsible artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, can be defined as technologies which ***both*** safeguard and promote a number of different aspects of society, most notably democracy, health and economic prosperity, equality of opportunity, workers' and social rights, diverse and independent media and objective and freely available information, allowing for public debate, quality education, cultural and linguistic diversity, gender balance, digital literacy, innovation and creativity. They are also those that are developed, deployed and used having due regard for their ultimate impact on the physical and mental well-being of citizens.	(25) Socially responsible artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, can be defined as technologies which ***contribute to find solutions that*** safeguard and promote a number of different aspects of society, most notably democracy, health and economic prosperity, equality of opportunity, workers' and social rights, diverse and independent media and objective and freely available information, allowing for public debate, quality education, cultural and linguistic diversity, gender balance, digital literacy, innovation and creativity. ***Nevertheless, those requirements shall be applicable only to high-risk artificial intelligence, robotics and related technologies.*** They are also those that are developed, deployed and used having due regard for their ultimate impact on the physical and mental well-being of citizens.

Or. en

Amendment 431
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 25

Motion for a resolution	*Amendment*
(25) Socially responsible artificial intelligence, robotics and related technologies, including the software, algorithms and data ***used or*** produced by	(25) Socially responsible artificial intelligence, robotics and related technologies, including the software, algorithms and data produced ***or destined***

such technologies, can be defined as technologies which both safeguard and promote a number of different aspects of society, most notably democracy, health and economic prosperity, equality of opportunity, workers' and social rights, diverse and independent media and objective and freely available information, allowing for public debate, quality education, cultural and linguistic diversity, gender balance, digital literacy, innovation and creativity. They are also those that are developed, deployed and used having due regard for their ultimate impact on the physical and mental well-being of citizens.	***to be used*** by such technologies, can be defined as technologies which both safeguard and promote a number of different aspects of society, most notably democracy, health and economic prosperity, equality of opportunity, workers' and social rights, diverse and independent media and objective and freely available information, allowing for public debate, quality education, cultural and linguistic diversity, gender balance, digital literacy, innovation and creativity. They are also those that are developed, deployed and used having due regard for their ultimate impact on the physical and mental well-being of citizens.

Or. en

Amendment 432
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 26

Motion for a resolution	*Amendment*
(26) ***These technologies should also be developed, deployed and used with a view to supporting social inclusion, plurality, solidarity, fairness, equality and cooperation and their potential in that context should be maximized and explored through research and innovation projects.*** The Union and its Member States should ***therefore*** mobilise their resources for the purpose of supporting and investing in such projects.	(26) The Union and its Member States should mobilise their resources for the purpose of supporting and investing in such projects.

Or. en

Amendment 433
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 26

Motion for a resolution	*Amendment*
(26) These technologies ***should*** also be developed, deployed and used with a view to supporting social inclusion, plurality, solidarity, fairness, equality and cooperation and their potential in that context should be maximized and explored through research and innovation projects. The Union and its Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.	(26) These technologies ***can*** also be developed, deployed and used with a view to supporting social inclusion, plurality, solidarity, fairness, equality and cooperation and their potential in that context should be maximized and explored through research and innovation projects. The Union and its Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.

Or. en

Amendment 434
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 27

Motion for a resolution	*Amendment*
(27) Projects relating to the potential of artificial intelligence, robotics and related technologies to deal with the question of social well-being should be carried out on the basis of responsible research and innovation tools so as to guarantee the compliance with ethical principles of those projects from the outset.	***deleted***

Or. en

Amendment 435
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 28

Motion for a resolution	*Amendment*
(28) The development, deployment and use of artificial intelligence, robotics and related technologies, including the software, algorithms and data ***used or*** produced by such technologies, should take into consideration their environmental footprint and should not cause harm to the environment during their lifecycle and across their entire supply chain. Accordingly, such technologies should be developed, deployed and used in ***an environmentally friendly*** manner that ***supports*** the achievement of climate neutrality and circular economy goals.	(28) The development, deployment and use of artificial intelligence, robotics and related technologies, including the software, algorithms and data produced ***or destined to be used*** by such technologies, should take into consideration their environmental footprint and should not cause harm to the environment during their lifecycle and across their entire supply chain. Accordingly, such technologies should be developed, deployed and used in ***a*** manner that ***preserves the environment, minimises and remedies their environmental footprint and contributes to the green transition, support*** the achievement of climate neutrality and circular economy goals.

Or. en

Amendment 436
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 28

Motion for a resolution	*Amendment*
(28) The development, deployment and use of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, should take into consideration their environmental footprint ***and should not cause harm to the environment during their lifecycle and across their entire supply chain. Accordingly***, such technologies should be developed, deployed and used in an environmentally ***friendly*** manner that supports the achievement of climate neutrality and circular economy goals.	(28) The development, deployment and use of ***high-risk*** artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, should take into consideration their environmental footprint***. In line with the obligations laid down in Union law, high-risk artificial intelligence, robotics and related technologies, including the software***, ***algorithms and data used or produced by*** such technologies should be developed, deployed and used in an environmentally ***sustainable*** manner that supports the achievement of climate neutrality and

circular economy goals.

Or. en

Amendment 437
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 28

Motion for a resolution	*Amendment*
(28) The development, deployment and use of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, should take into consideration their environmental footprint and should not cause harm to the environment during their lifecycle and across their entire supply chain. Accordingly, such technologies should be developed, deployed and used in an environmentally friendly manner that supports the achievement of climate neutrality and circular economy goals.	(28) ***Where applicable,*** the development, deployment and use of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, should take into consideration their environmental footprint and should not cause harm to the environment during their lifecycle and across their entire supply chain. Accordingly, such technologies should be developed, deployed and used in an environmentally friendly manner that supports the achievement of climate neutrality and circular economy goals.

Or. en

Amendment 438
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 29

Motion for a resolution	*Amendment*
(29) For the purposes of this Regulation, developers, deployers and users should be held responsible, to the extent of their involvement in the development, deployment or use of the artificial intelligence, robotics and related technologies concerned, for any harm	***deleted***

caused to the environment.

Or. en

Amendment 439
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 29

Motion for a resolution	*Amendment*
(29) ***For the purposes of this Regulation,*** developers, deployers and users should be held responsible, to the extent of their involvement in the development, deployment or use of the artificial intelligence, robotics and related technologies concerned, for any harm caused to the environment.	(29) Developers, deployers and users ***of high-risk artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies,*** should be held responsible, to the extent of their involvement in the development, deployment or use of the artificial intelligence, robotics and related technologies concerned, for any harm caused to the environment ***in accordance with the applicable environmental liability rules***.

Or. en

Amendment 440
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 30

Motion for a resolution	*Amendment*
(30) In particular, the developers who take decisions that determine and control the course or manner of the development of artificial intelligence, robotics and related technologies, as well the deployers who are involved in their deployment with an operating or managing function, should be generally considered responsible for avoiding the occurrence of	***deleted***

such harm, namely by respectively putting adequate measures in place during the development process and thoroughly respecting such measures during the deployment phase.

Or. en

Amendment 441
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 30

Motion for a resolution	*Amendment*
(30) In particular, the developers who take decisions that determine and control the course or manner of the development of artificial intelligence, robotics and related technologies, as well the deployers who are involved in their deployment with an operating or managing function, should be generally considered responsible for avoiding the occurrence of such harm, namely by respectively putting adequate measures in place during the development process and thoroughly respecting such measures during the deployment phase.	***deleted***

Or. en

Amendment 442
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 31

Motion for a resolution	*Amendment*
(31) These technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals such as reducing	(31) These technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals ***prescribed in Union***

waste production, diminishing the carbon footprint, preventing climate change and avoiding environmental degradation, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.	***law,*** such as reducing waste production, diminishing the carbon footprint, preventing climate change and avoiding environmental degradation, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.

Or. en

Amendment 443
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 31

Motion for a resolution	*Amendment*
(31) These technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals such as reducing waste production, diminishing the carbon footprint, preventing climate change and avoiding environmental degradation, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.	(31) ***Where applicable,*** these technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals such as reducing waste production, diminishing the carbon footprint, preventing climate change and avoiding environmental degradation, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.

Or. en

Amendment 444
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 31

Motion for a resolution	*Amendment*
(31) These technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals such as ***reducing*** waste production, diminishing the carbon footprint, ***preventing*** climate change and ***avoiding environmental degradation***, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.	(31) These technologies should also be developed, deployed and used with a view to supporting the achievement of environmental goals such as ***ending*** waste production, diminishing the carbon footprint, ***remedying*** climate change and ***preserving the environment***, and their potential in that context should be maximized and explored through research and innovation projects. The Union and the Member States should therefore mobilise their resources for the purpose of supporting and investing in such projects.

Or. en

Amendment 445
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 33

Motion for a resolution	*Amendment*
(33) Any artificial intelligence, robotics and related technologies, including software, algorithms and data ***used or*** produced by such technologies, developed, deployed and used in the Union should fully respect Union citizens' rights to privacy and protection of personal data. In particular, their development, deployment and use should be in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council[1] and Directive 2002/58/EC of the European Parliament and of the Council[2] .	(33) Any artificial intelligence, robotics and related technologies, including software, algorithms and data produced ***or destined to be used*** by such technologies, developed, deployed and used in the Union should fully respect Union citizens' rights to privacy and protection of personal data. In particular, their development, deployment and use should be in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council[1] and Directive 2002/58/EC of the European Parliament and of the Council[2] .
[1] Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of	[1] Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of

such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

[2] Directive 2002/58/EC of the European Parliament and of the Council of 12 July 2002 concerning the processing of personal data and the protection of privacy in the electronic communications sector (Directive on privacy and electronic communications) (OJ L 201, 31.7.2002, p. 37).

such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

[2] Directive 2002/58/EC of the European Parliament and of the Council of 12 July 2002 concerning the processing of personal data and the protection of privacy in the electronic communications sector (Directive on privacy and electronic communications) (OJ L 201, 31.7.2002, p. 37).

Or. en

Amendment 446
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 33

Motion for a resolution	*Amendment*
(33) ***Any*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union should fully respect Union citizens' rights to privacy and protection of personal data. In particular, their development, deployment and use should be in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council[1] and Directive 2002/58/EC of the European Parliament and of the Council[2] .	(33) ***High-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union should fully respect Union citizens' rights to privacy and protection of personal data. In particular, their development, deployment and use should be in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council[1] and Directive 2002/58/EC of the European Parliament and of the Council[2] .
[1] Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).	[1] Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).
[2] Directive 2002/58/EC of the European	[2] Directive 2002/58/EC of the European

Parliament and of the Council of 12 July 2002 concerning the processing of personal data and the protection of privacy in the electronic communications sector (Directive on privacy and electronic communications) (OJ L 201, 31.7.2002, p. 37).	Parliament and of the Council of 12 July 2002 concerning the processing of personal data and the protection of privacy in the electronic communications sector (Directive on privacy and electronic communications) (OJ L 201, 31.7.2002, p. 37).

Or. en

Amendment 447
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 34

Motion for a resolution	*Amendment*
(34) The ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly considered when using remote recognition technologies, such as biometric recognition, to automatically identify individuals. ***When these technologies are used by public authorities during times of national emergency, such as during a national health crisis, the use should be proportionate and criteria for that use defined in order to be able to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact with due regard for human dignity and the fundamental rights set out in the Charter.***	(34) ***In particular,*** the ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly considered when using remote recognition technologies, such as biometric recognition, to automatically identify individuals.

Or. en

Amendment 448
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 34

Motion for a resolution	*Amendment*
(34) The ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly considered when using remote recognition technologies, such as biometric recognition, to automatically identify individuals. When these technologies are used by public authorities ***during times of national emergency, such as during a national health crisis***, the use should ***be*** proportionate ***and*** criteria for that use ***defined*** in order ***to be able*** to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact ***with due regard for human dignity and the fundamental rights set out in the Charter***.	(34) The ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly considered when using remote recognition technologies, such as ***recognition of*** biometric ***features, notably facial*** recognition, to automatically identify individuals. When these technologies are used by public authorities, the use should ***always be voluntary,*** proportionate***, targeted and limited to specific objectives, restricted in time and carried out in accordance with Union law, with due regard to human rights and dignity, autonomy and self-determination of the individual, and the fundamental rights set out in the Charter.*** Criteria for ***and limits to*** that use ***should be subjected to judicial review and submitted to democratic scrutiny and debate involving civil society,*** in order to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact.

Or. en

Amendment 449
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 34

Motion for a resolution	*Amendment*
(34) The ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly	(34) The ethical boundaries of the use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, should be duly

considered when using remote recognition technologies, such as biometric recognition, to automatically identify individuals. When these technologies are used by public authorities during times of national emergency, such as during a national health crisis, the use should be proportionate and criteria for that use defined in order to be able to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact with due regard for human dignity and the fundamental rights set out in the Charter.	considered when using remote recognition technologies, such as biometric recognition, to automatically identify individuals. When these technologies are used by public authorities during times of national emergency, such as during a national health crisis, the use should be proportionate and ***temporary. Clear*** criteria for that use ***should be*** defined in order to be able to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact with due regard for human dignity and the fundamental rights set out in the Charter.

Or. en

Amendment 450
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 35

Motion for a resolution	*Amendment*
(35) Governance that is based on relevant standards enhances safety and promotes the increase of citizens' trust in the development, deployment and use of artificial intelligence, robotics and related technologies including software, algorithms and data used or produced by such technologies.	***deleted***

Or. en

Amendment 451
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 35

Motion for a resolution	*Amendment*
(35) Governance that is based on relevant standards enhances safety and promotes the increase of citizens' trust in the development, deployment and use of artificial intelligence, robotics and related technologies including software, algorithms and data used or produced by such technologies.	(35) Governance that is based on relevant standards enhances safety and promotes the increase of citizens' trust in the development, deployment and use of ***high-risk*** artificial intelligence, robotics and related technologies including software, algorithms and data used or produced by such technologies.

Or. en

Amendment 452
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 35 a (new)

Motion for a resolution	*Amendment*
	(35a) Public authorities should conduct fundamental rights impact assessment before deploying high-risk technologies which replace public power decisions and which have a direct and significant impact on citizen's rights and obligations. In addition, these technologies should allow for human verification and due process, especially in the areas of justice and law enforcement, where fundamental rights protected by the Charter, are at stake.

Or. en

Amendment 453
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara, Karen Melchior

Motion for a resolution
Annex I – part B – recital 36

Motion for a resolution	*Amendment*
(36) ***Among*** the existing relevant governance standards are, for example, the 'Ethics Guidelines for Trustworthy AI' drafted by the High-Level Expert Group on Artificial Intelligence set up by the European Commission, and other technical standards adopted by the European Committee for Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC), and the European Telecommunications Standards Institute (ETSI), at European level, the International Organization for Standardization (ISO) and the Institute of Electrical and Electronics Engineers (IEEE), at international level.	(36) ***Developers, deployers and users should continue to observe*** the existing relevant governance standards are, for example, the 'Ethics Guidelines for Trustworthy AI' drafted by the High-Level Expert Group on Artificial Intelligence set up by the European Commission, and other technical standards adopted by the European Committee for Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC), and the European Telecommunications Standards Institute (ETSI), at European level, the International Organization for Standardization (ISO) and the Institute of Electrical and Electronics Engineers (IEEE), at international level.

Or. en

Amendment 454
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 36

Motion for a resolution	*Amendment*
(36) Among the existing relevant governance standards are, for example, the 'Ethics Guidelines for Trustworthy AI' drafted by the High-Level Expert Group on Artificial Intelligence set up by the European Commission, and ***other*** technical standards adopted by the European Committee for Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC), and the European Telecommunications Standards Institute (ETSI), at European level, the International Organization for Standardization (ISO) and the Institute of Electrical and Electronics Engineers	(36) Among the existing relevant governance standards are, for example, the 'Ethics Guidelines for Trustworthy AI' drafted by the High-Level Expert Group on Artificial Intelligence set up by the European Commission, and technical standards ***such as those*** adopted by the European Committee for Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC), and the European Telecommunications Standards Institute (ETSI), at European level, the International Organization for Standardization (ISO) and the Institute of Electrical and Electronics

(IEEE), at international level.	Engineers (IEEE), at international level.

Or. en

Amendment 455
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – recital 37

Motion for a resolution	*Amendment*
(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.	(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants. ***In addition, developers, deployers and users could, where relevant, rely on key performance indicators in the assessment of the datasets they use in view of enhancing the trustworthiness of the technologies they develop, deploy and use.***

Or. en

456
Daniel Buda

Motion for a resolution
Annex I – part B – recital 37

Motion for a resolution	*Amendment*
(37) Sharing and use of data by multiple	(37) Sharing and use of data by multiple

participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.	participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants ***or other groups at risk of exclusion;***

Or. ro

Amendment 457
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 37

Motion for a resolution	*Amendment*
(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.	(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of ***high-risk*** artificial intelligence, robotics and related technologies should be governed by relevant ***rules,*** standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.

Or. en

Amendment 458
Esteban González Pons

Motion for a resolution
Annex I – part B – recital 37

Motion for a resolution	*Amendment*
(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.	(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, ***reliability,*** privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.

Or. es

Amendment 459
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 37

Motion for a resolution	*Amendment*
(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management and traceability, and guarantee the adequate	(37) Sharing and use of data by multiple participants is sensitive and therefore the development, deployment and use of artificial intelligence, robotics and related technologies should be governed by relevant standards and protocols reflecting the requirements of quality, integrity, security, privacy and control. The data governance strategy should focus on the processing, sharing of and access to such data, including its proper management***,*** ***auditability*** and traceability, and guarantee

protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.	the adequate protection of data belonging to vulnerable groups, including people with disabilities, patients, children, minorities and migrants.

Or. en

Amendment 460
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 38

Motion for a resolution	*Amendment*
(38) ***The effective application of the ethical principles laid down in this Regulation will largely depend on*** Member States***' appointment of an*** independent public authority to act as a supervisory authority. ***In particular,*** each national supervisory authority should be responsible for assessing ***and monitoring*** the compliance of ***artificial intelligence, robotics and related*** technologies ***considered a high-risk in light of the obligations set out in*** this Regulation.	(38) Member States ***should appoint*** independent public authority to act as a supervisory authority. Each national supervisory authority should be responsible for assessing the compliance of ***high-risk*** technologies ***with*** this regulation.

Or. en

Amendment 461
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 38

Motion for a resolution	*Amendment*
(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent public authority to act as a supervisory authority. In particular, each ***national*** supervisory authority should be responsible	(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent public authority***, or an authority with a public purpose*** to act as a supervisory authority. In particular, each ***competent***

for assessing and monitoring the compliance of artificial intelligence, robotics and related technologies considered a high-risk in light of the obligations set out in this Regulation.	supervisory authority should be responsible for assessing and monitoring the compliance of artificial intelligence, robotics and related technologies considered a high-risk in light of the obligations set out in this Regulation.

Or. en

Amendment 462
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – recital 38

Motion for a resolution	*Amendment*
(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent public authority to act as a supervisory authority. In particular, each national supervisory authority should be responsible for ***assessing and monitoring the compliance of*** artificial intelligence, robotics and related technologies considered a high-risk in light of the obligations set out in this Regulation.	(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent public authority to act as a supervisory authority. In particular, each national supervisory authority should be responsible for ***identifying*** artificial intelligence, robotics and related technologies considered a high-risk ***and for assessing and monitoring the compliance of these technologies*** in light of the obligations set out in this Regulation.

Or. en

Amendment 463
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 38

Motion for a resolution	*Amendment*
(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent	(38) The effective application of the ethical principles laid down in this Regulation will largely depend on Member States' appointment of an independent

public authority to act as a supervisory authority. In particular, each national supervisory authority should be responsible for assessing and monitoring the compliance of artificial intelligence, robotics and related technologies considered ***a*** high-risk in light of the ***obligations*** set out in this Regulation.	public authority to act as a supervisory authority. In particular, each national supervisory authority should be responsible for assessing and monitoring the compliance of artificial intelligence, robotics and related technologies considered high-risk in light of the ***objective criteria*** set out in this Regulation.

Or. en

Amendment 464
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – recital 39

Motion for a resolution	*Amendment*
(39) Each national supervisory authority shall also carry the responsibility of ***regulating*** the governance of these technologies. They therefore have an important role to play in promoting the trust and safety of Union citizens, as well as in enabling a democratic, pluralistic and equitable society.	(39) Each national supervisory authority shall also carry the responsibility of the governance of these technologies ***in accordance with a common framework prepared by the European Commission or another relevant institution, body, office or agency of the Union designated for this task***. They therefore have an important role to play in promoting the trust and safety of Union citizens, as well as in enabling a democratic, pluralistic and equitable society.

Or. en

Amendment 465
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 39

Motion for a resolution	*Amendment*
(39) Each national supervisory authority ***shall also carry the responsibility of regulating the governance of these***	(39) Each national supervisory authority ***will*** have an important role to play in promoting the trust and safety of Union

technologies. They therefore have an important role to play in promoting the trust and safety of Union citizens, as well as in enabling a democratic, pluralistic and equitable society.	citizens, as well as in enabling a democratic, pluralistic and equitable society.

Or. en

Amendment 466
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 39

Motion for a resolution	*Amendment*
(39) Each ***national*** supervisory authority shall also carry the responsibility of regulating the governance of these technologies. They therefore have an important role to play in promoting the trust and safety of Union citizens, as well as in enabling a democratic, pluralistic and equitable society.	(39) Each ***competent*** supervisory authority shall also carry the responsibility of regulating the governance of these technologies. They therefore have an important role to play in promoting the trust and safety of Union citizens, as well as in enabling a democratic, pluralistic and equitable society.

Or. en

Amendment 467
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – recital 39 a (new)

Motion for a resolution	*Amendment*
	(39a) National supervisory authorities shall cooperate with the authorities responsible for assessing and monitoring artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies and enforcing their compliance in the light of sectorial legislation in order to identify technologies which are high-risk from an

ethical perspective and in order to supervise the implementation of required and appropriate measures where such technologies are identified;

Or. en

Amendment 468
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 40

Motion for a resolution	*Amendment*
(40) ***National*** supervisory authorities should engage in substantial and regular cooperation with each other, as well as with the European Commission and other relevant institutions, bodies, offices and agencies of the Union, in order to guarantee a coherent cross-border action, and allow for consistent development, deployment and use of these technologies within the Union in compliance with the ethical principles laid down in this Regulation.	(40) ***Competent*** supervisory authorities should engage in substantial and regular cooperation with each other, as well as with the European Commission and other relevant institutions, bodies, offices and agencies of the Union, in order to guarantee a coherent cross-border action, and allow for consistent development, deployment and use of these technologies within the Union in compliance with the ethical principles laid down in this Regulation.

Or. en

Amendment 469
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 40 a (new)

Motion for a resolution	*Amendment*
	(40a) In the context of such cooperation, national supervisory authorities, together with the European Commission and other relevant institutions, bodies, offices and agencies of the Union, should elaborate a common and exhaustive list of high-risk artificial intelligence, robotics and related

technologies in line with the criteria set out in this Regulation and develop common criteria and an application process should be developed for the granting of a European certificate of ethical compliance.

Or. en

Amendment 470
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 41

Motion for a resolution	*Amendment*
(41) ***National*** supervisory authorities should ensure the gathering of a maximum number of stakeholders such as industry, businesses, social partners, researchers, consumers and civil society organisations, and provide a pluralistic forum for reflection and exchange of views so as to achieve comprehensible and accurate conclusions for the purpose of guiding how governance is regulated.	(41) ***Competent*** supervisory authorities should ensure the gathering of a maximum number of stakeholders such as industry, businesses, social partners, researchers, consumers and civil society organisations, and provide a pluralistic forum for reflection and exchange of views***, to facilitate cooperation and collaboration between stakeholders, in particular from academia, research, industry, civil society and individual experts,*** so as to achieve comprehensible and accurate conclusions for the purpose of guiding how governance is regulated.

Or. en

Amendment 471
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 42

Motion for a resolution	*Amendment*
(42) Additionally, these ***national*** supervisory authorities should provide professional administrative guidance and	(42) Additionally, these ***competent*** supervisory authorities should provide professional administrative guidance and

support to developers, deployers and users, particularly small and medium-sized enterprises or start-ups, encountering challenges as regards complying with the principles laid down in this Regulation.	support to developers, deployers and users, particularly small and medium-sized enterprises or start-ups, encountering challenges as regards complying with the principles laid down in this Regulation.

Or. en

Amendment 472
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 42 a (new)

Motion for a resolution	*Amendment*
	(42a) Full harmonisation approach is needed at the European level. Therefore, the European Commission shall be tasked to find an appropriate solution to structure such an approach. The goal is to avoid creation of another one agency. Instead, we have to find strict rules and guidelines for cooperation between Member States.

Or. en

Amendment 473
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 42 a (new)

Motion for a resolution	*Amendment*
	(42a) The Commission should establish binding guidelines to be followed by the national supervisory authorities when conducting their compliance assessment.

Or. en

Amendment 474
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 43

Motion for a resolution	*Amendment*
(43) Whistle-blowing brings potential and actual breaches of Union law to the attention of authorities with a view to preventing injury, harm or damage that would otherwise occur. In addition, reporting procedures ameliorate the information flow within companies and organisations, thus mitigating the risk of flawed or erroneous products or services being developed. Companies and organisations developing, deploying or using artificial intelligence, robotics and related technologies, including data used or produced by those technologies, should set up reporting channels and persons reporting breaches should be protected from retaliation.	***deleted***

Or. en

Amendment 475
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 44

Motion for a resolution	*Amendment*
(44) The rapid development of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, as well as of the technical machine learning, reasoning processes and other technologies underlying that development are unpredictable. As such, it is both appropriate and necessary to establish a review mechanism in accordance with	(44) The rapid development of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, as well as of the technical machine learning, reasoning processes and other technologies underlying that development are unpredictable. As such, it is both appropriate and necessary to establish a review mechanism in accordance with

which, in addition to its reporting on the application of the Regulation, the Commission is to regularly submit a report concerning the possible modification of the scope of application of this Regulation.

which, in addition to its reporting on the application of the Regulation, the Commission is to regularly submit a report concerning the possible modification of the scope of application of this Regulation. ***In addition, the Commission should review, if necessary, every six months the annex of this Regulation by means of delegated act.***

Or. en

Amendment 476
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – recital 45

Motion for a resolution	*Amendment*
(45) Since the objective of this Regulation, namely to establish a legal framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union, cannot be sufficiently achieved by the Member States, but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve that objective.	(45) Since the objective of this Regulation, namely to establish a ***common*** legal framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union, cannot be sufficiently achieved by the Member States, but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve that objective.

Or. en

Amendment 477
Marion Walsmann

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.	***deleted***

Or. de

Amendment 478
Daniel Buda

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting	***deleted***

regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.

Or. ro

Amendment 479
Raffaele Stancanelli

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.	***deleted***

Or. it

Amendment 480
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.	***deleted***

Or. en

Amendment 481
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of	***deleted***

compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.

Or. en

Amendment 482
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the ***national*** supervisory authorities in ***each*** Member ***State***, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.	(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the ***competent*** supervisory authorities in Member ***States***, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, ***creating a centre of expertise, bringing together academia, research, industry, and individual experts at Union level to foster exchange of knowledge and technical expertise, and*** promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.

Or. en

Amendment 483
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – recital 46

Motion for a resolution	*Amendment*
(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.	(46) Action at Union level as set out in this Regulation would be best achieved through the establishment of a European Agency for Artificial Intelligence. Such a body would be essential in coordinating the mandates and actions of the national supervisory authorities in each Member State, outlining objective criteria for the risk assessment of artificial intelligence, robotics and related technologies, ***drafting a common framework for the governance of the development, deployment and use of these technologies,*** developing and issuing a certification of compliance with the ethical principles laid down in this Regulation, supporting regular exchanges with concerned stakeholders and civil society, promoting the Union's approach through international cooperation and ensuring a consistent reply worldwide to the opportunities and risks inherent in these technologies.

Or. en

Amendment 484
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – before Article 1 – chapter title (new)

Motion for a resolution	*Amendment*
	Chapter I: General provisions

Or. en

Amendment 485
Daniel Buda

Motion for a resolution
Annex I – part B – Article 1 – paragraph 1

Motion for a resolution	*Amendment*
The purpose of this Regulation is to establish a regulatory framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union.	The purpose of this Regulation is to establish a ***comprehensive and forward-looking*** regulatory framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union.

Or. ro

Amendment 486
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – Article 1 – paragraph 1

Motion for a resolution	*Amendment*
The purpose of this Regulation is to establish a regulatory framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union.	The purpose of this Regulation is to establish a ***European common legal*** regulatory framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union.

Or. en

Amendment 487
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 1 – paragraph 1

Motion for a resolution	*Amendment*
The purpose of this Regulation is to	The purpose of this Regulation is to

establish a regulatory framework of ethical principles for the development, deployment and use of artificial intelligence, robotics and related technologies in the Union.	establish a regulatory framework of ethical principles for the development, deployment and use of ***high-risk*** artificial intelligence, robotics and related technologies in the Union.
	Or. en

Amendment 488
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 2 – paragraph 1

Motion for a resolution	*Amendment*
This Regulation applies to artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies**,** developed, deployed or used in the Union.	***1.*** This Regulation applies to ***high-risk*** artificial intelligence, robotics and related technologies, ***hereafter "high-risk technologies"[1a]*** including software, algorithms and data used or produced by such technologies developed, deployed or used in the Union. ***2. Within the meaning of this Regulation are considered being high-risk technologies, technologies that:*** ***(a) are used in sectors, where given the characteristics of the activities typically undertaken, significant risks can be expected to occur from the viewpoint of protection of safety and fundamental rights and freedoms, and*** ***(b) are used in such a manner, that such risks can be expected to occur from the viewpoint of protection of safety and fundamental rights and freedoms*** ***3. The high-risk technologies mentioned in Paragraph 2 shall be listed in an Annex to this Regulation. The Commission is empowered to adopt delegated acts in accordance with Article 16(a), to amend the exhaustive list, by:*** ***(a) including new types of high-risk artificial intelligence, robotics and related***

technologies;

(b) deleting types of technologies that can no longer be considered to pose a high-risk;

(c) changing the critical sectors for existing high-risk technologies.

Any delegated act amending the Annex shall come into force six months after its adoption. When determining new critical sectors and/or high-risk technologies to be inserted by means of delegated acts in the Annex, the Commission shall take full account of the criteria set out in this Regulation, in particular those set out in paragraph 2 of this Article.

_____

[1a] From this point "artificial intelligence, robotics and related technologies" is replaced by "high-risk technologies" throughout the Regulation

Or. en

Amendment 489
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 2 – paragraph 1

Motion for a resolution	*Amendment*
This Regulation applies to artificial intelligence, robotics and related technologies, including software, algorithms and data ***used or*** produced by such technologies, developed, deployed or used in the Union.	This Regulation applies to artificial intelligence, robotics and related technologies, including software, algorithms and data produced ***or destined to be used*** by such technologies, developed, deployed or used in the Union.

Or. en

Amendment 490
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 2 – paragraph 1

Motion for a resolution	*Amendment*
This Regulation applies to artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union.	This Regulation applies to ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union.

Or. en

Amendment 491
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 2 – paragraph 1 a (new)

Motion for a resolution	*Amendment*
	1a. This Regulation shall not apply to artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union which are not considered high-risk.

Or. en

Amendment 492
Daniel Buda

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) 'artificial intelligence' means ***software*** systems ***that, inter alia, collect, process and interpret structured or unstructured data, identify patterns and establish models in order to reach***	(a) 'artificial intelligence ***systems***' means systems ***that display intelligent behaviour by analysing certain input and taking action, with some degree of autonomy, to achieve specific goals. AI-***

conclusions or take actions in the physical or virtual dimension based on such conclusions;	***systems can be purely software-based, acting in the virtual world, or can be embedded in hardware devices***;

Or. ro

Amendment 493
Marion Walsmann

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) 'artificial intelligence' means ***software systems*** that***, inter alia, collect, process and interpret structured or unstructured data***, ***identify patterns and establish models in order to reach conclusions or take actions in*** the ***physical or virtual dimension based on such conclusions***;	(a) 'artificial intelligence' means ***methods and procedures*** that ***enable technical systems to perceive their environment***, ***process what is perceived and solve problems independently, make decisions, act and learn from*** the ***consequences of those decisions and actions***;

Or. de

Amendment 494
Stéphane Séjourné, Liesje Schreinemacher, Karen Melchior, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) 'artificial intelligence' means ***software systems that, inter alia, collect, process and interpret structured or unstructured data, identify patterns and establish models in order to reach conclusions or take*** actions in the ***physical or*** virtual ***dimension based on such conclusions***;	(a) 'artificial intelligence' means ***a system that displays intelligent behaviour by analysing their environment and taking*** actions***, with some degree of autonomy, to achieve specific goals; AI-systems can be purely software-based, acting*** in the virtual ***world, or can be embedded in hardware devices***;

Or. en

Amendment 495
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) 'artificial intelligence' means software systems that, ***inter alia, collect, process and interpret structured or unstructured data, identify patterns and establish models in order to reach conclusions or take actions in the physical or*** virtual ***dimension based on such conclusions***;	(a) 'artificial intelligence' means software systems that, ***display intelligent behaviour by analysing certain input and taking action, with some degree of autonomy, to achieve specific goals. AI systems can be purely software-based, acting in*** virtual ***world, or can be embedded in hardware devices***;

Or. en

Amendment 496
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) 'artificial intelligence' means ***software*** systems that, inter alia, ***collect, process and interpret structured or unstructured data, identify patterns and establish models in order to reach conclusions or take*** actions ***in the physical or virtual dimension based on such conclusions***;	(a) 'artificial intelligence' means systems that ***display intelligent behaviour by***, inter alia, ***collecting, processing, analysing, and interpreting their environment and taking*** actions***, with some degree of autonomy, to achieve specific goals***[1a];
	[1a] Definition as in the European Commission Communication COM(2018) 237 final, 25.04.2018, page 1, adapted.

Or. en

Amendment 497
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point a a (new)

Motion for a resolution	*Amendment*
	(aa) 'automated decision making', decision support, or decision informing systems are procedures in which decisions are initially, partly or completely, delegated to another person or corporate entity by way of using a software or a service, who then in turn use automatically executed decision-making models to perform an action;

Or. en

Amendment 498
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point b

Motion for a resolution	*Amendment*
(b) 'robotics' means ***technologies that enable*** machines to perform ***tasks traditionally performed by human beings*** including by way of artificial intelligence or related technologies;	(b) 'robotics' means ***automatically controlled, reprogrammable, multi-purpose*** machines[1a] to perform ***actions in the physical world*** including by way of artificial intelligence or related technologies;
	[1a] From the definition for industrial robots in ISO 8373.

Or. en

Amendment 499
Caterina Chinnici

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point b

Motion for a resolution	*Amendment*
(b) 'robotics' means technologies that enable machines to perform tasks traditionally performed by human beings including by way of artificial intelligence or related technologies;	(b) 'robotics' means technologies that enable machines to perform tasks traditionally performed ***or initiated*** by human beings including by way of artificial intelligence or related technologies;

Or. en

Amendment 500
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point c

Motion for a resolution	*Amendment*
(c) 'related technologies' means technologies that enable software to control with a partial or full degree of autonomy a physical or virtual process, technologies capable of detecting the identity of persons or specific features of persons by way of their biometric data, and technologies that copy or otherwise make use of human traits;	***deleted***

Or. en

Amendment 501
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point d

Motion for a resolution	*Amendment*
(d) 'software' means a set of instructions that are expressed in code and necessary for a computer to operate and to execute tasks;	***deleted***

Or. en

Amendment 502
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point e

Motion for a resolution	*Amendment*
(e) 'algorithms' means a model for calculations or other problem-solving operations carried out by software when executing a task;	***deleted***

Or. en

Amendment 503
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point f

Motion for a resolution	*Amendment*
(f) 'data' means information defined as and stored in code;	***deleted***

Or. en

Amendment 504
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point f a (new)

Motion for a resolution	*Amendment*
	(fa) 'autonomous' means an artificial intelligence, robotics or related technology that operates by perceiving certain input and without needing to follow a set of pre-determined

instructions, despite its behaviour being constrained by the goal it was given and other relevant design choices made by its developer;

Or. en

Amendment 505
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point f b (new)

Motion for a resolution	*Amendment*
	(fb) 'high risk' means a significant potential in an autonomously operating artificial intelligence, robotics and related technology to cause harm or damage to one or more persons in a manner that is random and impossible to predict in advance, considering its intended use and the critical sector where it is employed;[FDCM1] the significance of the potential depends on the interplay between the severity of possible harm or damage, the likelihood that the risk materialises and the manner in which the AI-system is being used;

Or. en

Amendment 506
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point g

Motion for a resolution	*Amendment*
(g) 'development' means the construction and design of algorithms, the writing and design of software or the collection, storing and management of data for the purpose of creating or	***deleted***

training artificial intelligence, robotics and related technologies or for the purpose of creating a new application for existing artificial intelligence, robotics and related technologies;

Or. en

Amendment 507
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point h

Motion for a resolution	*Amendment*
(h) 'developer' means any natural or legal person who takes decisions that determine and control the course or manner of the development of artificial intelligence, robotics and related technologies;	***deleted***

Or. en

Amendment 508
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point i

Motion for a resolution	*Amendment*
(i) 'deployment' means the operation and management of artificial intelligence, robotics and related technologies, as well as their placement on the market or otherwise making them available to users;	***deleted***

Or. en

Amendment 509
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point j

Motion for a resolution	*Amendment*
(j) 'deployer' means any natural or legal person who is involved in the deployment of artificial intelligence, robotics and related technologies, and has an operating or managing function;	***deleted***

Or. en

Amendment 510
Marion Walsmann

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point j

Motion for a resolution	*Amendment*
(j) 'deployer' means any natural or legal person who ***is involved in*** the deployment of artificial intelligence, robotics and related technologies, ***and has an operating or managing function***;	(j) 'deployer' means any natural or legal person who ***decides on*** the ***practical*** deployment of artificial intelligence, robotics and related technologies, ***exercises control over the risk and who benefits from its deployment***;

Or. de

Amendment 511
Daniel Buda

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point j

Motion for a resolution	*Amendment*
(j) 'deployer' means ***any natural or legal person who is involved in the deployment of artificial intelligence, robotics and related technologies, and has an operating or managing function***;	(j) 'deployer' means ***the person who decides on the use of the AI-system, exercises control over the associated risk and benefits from its operation***;

Or. ro

Amendment 512
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point k

Motion for a resolution	*Amendment*
(k) 'use' means any action relating to artificial intelligence, robotics and related technologies other than development or deployment;	***deleted***

Or. en

Amendment 513
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point l

Motion for a resolution	*Amendment*
(l) 'user' means any natural or legal person who uses artificial intelligence, robotics and related technologies other than for the purposes of development or deployment;	***deleted***

Or. en

Amendment 514
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point m

Motion for a resolution	*Amendment*
(m) 'bias' means any prejudiced or partial personal or social perception of a	***deleted***

person or group of persons on the basis of their personal traits;

Or. en

Amendment 515
Marion Walsmann

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point m

Motion for a resolution	*Amendment*
(m) 'bias' means any prejudiced or ***partial*** personal or social perception of a person or group of persons on the basis of their personal traits;	(m) 'bias' means any prejudiced or personal or social perception of a person or group of persons on the basis of their personal traits;

Or. de

Amendment 516
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point n

Motion for a resolution	*Amendment*
(n) 'discrimination' means any differential treatment of a person or group of persons based on a ground which has no objective or reasonable justification and is therefore prohibited by Union law;	***deleted***

Or. en

Amendment 517
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point o

Motion for a resolution	*Amendment*
(o) 'injury or harm' means physical, emotional or mental injury, bias, discrimination or stigmatization, suffering caused by a lack of inclusivity and diversity, financial or economic loss, loss of employment or educational opportunity, undue restriction of freedom of choice, wrongful conviction, environmental harm and any infringement of Union law that is detrimental to a person;	***deleted***

Or. en

Amendment 518
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point o

Motion for a resolution	*Amendment*
(o) 'injury or harm' means physical***,*** ***emotional*** or mental injury, ***bias, discrimination or stigmatization, suffering caused by a lack of inclusivity and diversity***, financial or economic loss, loss of employment or educational opportunity, undue restriction of freedom of choice, ***wrongful conviction, environmental harm*** and any infringement of Union law that is detrimental to a person;	(o) 'injury or harm' means physical or mental injury, ***such as hate speech, loss of privacy bias***, financial or economic loss, loss of employment or educational opportunity, undue restriction of freedom of choice, ***and expression*** and any infringement of Union law that is detrimental to a person;

Or. en

Amendment 519
Emmanuel Maurel, Manon Aubry

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point o

Motion for a resolution	*Amendment*
(o) 'injury or harm' means physical, ***emotional*** or mental injury, bias, discrimination or stigmatization, ***suffering caused by*** a ***lack*** of inclusivity and diversity, financial or economic loss, loss of employment or educational opportunity, undue restriction of freedom of choice, wrongful conviction, environmental harm and any infringement of Union law that is detrimental to a person;	(o) 'injury or harm' means physical, ***psychological*** or mental injury, bias, discrimination or stigmatization, ***resulting in particular from*** a ***violation*** of inclusivity and diversity, financial or economic loss, loss of employment or educational opportunity, undue restriction of freedom of choice, wrongful conviction, environmental harm and any infringement of Union law that is detrimental to a person;

Or. fr

Amendment 520
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point p

Motion for a resolution	*Amendment*
(p) 'governance' means the manner of ensuring that the highest standards and the appropriate protocols of behaviour are adopted and observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.	***deleted***

Or. en

Amendment 521
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point p

Motion for a resolution	*Amendment*
(p) 'governance' means the manner of ensuring that the highest standards and the appropriate protocols of behaviour are adopted and observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.	***deleted***

Or. en

Amendment 522
Marion Walsmann

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point p

Motion for a resolution	*Amendment*
(p) 'governance' means the manner of ensuring that the ***highest*** standards and ***the appropriate*** protocols of behaviour are adopted and observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.	(p) 'governance' means the manner of ensuring that the ***appropriate*** standards and protocols of behaviour are adopted and observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.

Or. de

Amendment 523
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 4 – paragraph 1 – point p

Motion for a resolution	*Amendment*
(p) 'governance' means the manner of ensuring that the ***highest*** standards and ***the appropriate*** protocols of behaviour are	(p) 'governance' means the manner of ensuring that the ***appropriate*** standards and protocols of behaviour are adopted and

adopted and observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.	observed by developers, deployers and users, based on a formal set of rules, procedures and values, and which allows them to deal appropriately with ethical matters as or before they arise.

Or. en

Amendment 524
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 5 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in accordance with the ethical principles laid down in this Regulation.	1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in accordance with ***Union law and fundamental rights, and*** the ethical principles laid down in this Regulation.

Or. en

Amendment 525
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 5 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in accordance with the ethical principles laid down in this Regulation.	1. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in accordance with the ethical principles laid down in this Regulation.

Or. en

Amendment 526
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 5 – paragraph 2

Motion for a resolution	*Amendment*
2. The development, deployment and use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in ***a manner that ensures*** that human dignity and the fundamental rights set out in the Charter are fully respected.	2. The development, deployment and use of ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in ***the best interest of citizens and contribute to protect the social, economic and well-being of society by ensuring*** that human dignity and the fundamental rights set out in the Charter are fully respected.

Or. en

Amendment 527
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 5 – paragraph 3

Motion for a resolution	*Amendment*
3. The development, deployment and use of development, deployment and use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in the best interest of citizens. In particular, the potential of such technologies and the opportunities that they provide shall be taken into consideration having regard at all times to the need to protect and foster the social, environmental and economic well-being of society.	***deleted***

Or. en

Amendment 528
Stéphane Séjourné, Liesje Schreinemacher, Karen Melchior, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 5 – paragraph 3

Motion for a resolution	*Amendment*
3. The development, deployment and use of development, deployment and use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in the best interest of citizens. In particular, the potential of such technologies and the opportunities that they provide shall be taken into consideration having regard at all times to the need to protect and foster the social, environmental and economic well-being of society.	***deleted***

Or. en

Amendment 529
Raffaele Stancanelli

Motion for a resolution
Annex I – part B – Article 5 – paragraph 3

Motion for a resolution	*Amendment*
3. The development, deployment and use of development, deployment and use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in the best interest of citizens. In particular, the potential of such technologies and the opportunities that they provide shall be taken into consideration having regard at all times to the need to protect and foster the social, environmental and economic well-being of society.	3. The development, deployment and use of development, deployment and use of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out in the best interest of citizens. In particular, the potential of such technologies and the opportunities that they provide shall be taken into consideration***,*** having regard at all times to ***the centrality and irreplaceability of human beings and*** the need to protect and foster the social,

environmental and economic well-being of society.

Or. it

Amendment 530
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – after article 5 – chapter title (new)

Motion for a resolution	*Amendment*
	Chapter II: Obligations for high-risk technologies

Or. en

Amendment 531
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 6 – title

Motion for a resolution	*Amendment*
Human-centric ***and human-made*** artificial intelligence	Human-centric artificial intelligence

Or. en

Amendment 532
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 6 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or	1. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software,

produced by such technologies, shall be developed, deployed and used in a human-centric manner with the aim of contributing to the existence of a democratic, pluralistic and equitable society by safeguarding human autonomy and decision-making and ensuring human agency.	algorithms and data used or produced by such technologies, shall be developed, deployed and used in a human-centric manner with the aim of contributing to the existence of a democratic, pluralistic and equitable society by safeguarding human autonomy and decision-making and ensuring human agency.

Or. en

Amendment 533
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 6 – paragraph 1

Motion for a resolution	*Amendment*
1. ***Any artificial intelligence, robotics and related*** technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in a human-centric manner with the aim of contributing to the existence of a democratic, pluralistic and equitable society by safeguarding human autonomy and decision-making and ensuring human agency**.**	1. ***High-risk*** technologies, including software, algorithms and data used or produced by such technologies, shall***:***
	(a) be developed, deployed and used in a human-centric manner with the aim of contributing to the existence of a democratic, pluralistic and equitable society by safeguarding human autonomy and decision-making and ensuring human agency***;***

Or. en

Amendment 534
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 6 – paragraph 2

Motion for a resolution	*Amendment*
2. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that guarantees full human oversight at any time***, in particular where that development, deployment or use entails a risk of breaching the ethical principles set out in this Regulation.***	***(b)*** be developed, deployed and used in a manner that guarantees full human oversight at any time; ***and***

Or. en

Amendment 535
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 6 – paragraph 2

Motion for a resolution	*Amendment*
2. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that guarantees full human oversight at any time***, in particular where that development, deployment or use entails a risk of breaching the ethical principles set out in this Regulation***.	2. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that guarantees full human oversight at any time.

Or. en

Amendment 536
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 6 – paragraph 2

Motion for a resolution	*Amendment*
2. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that guarantees full human oversight at any time, in particular where that development, deployment or use entails a risk of breaching the ethical	2. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that guarantees full human oversight at any time, in particular where that development, deployment or use entails a risk of breaching ***Union law***

principles set out in this Regulation.	***or*** the ethical principles set out in this Regulation.

Or. en

Amendment 537
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 6 – paragraph 3

Motion for a resolution	*Amendment*
3. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that allows human control to be regained at any time, including through the altering or halting of those technologies***, when that development, deployment or use entails a risk of breaching the ethical principles set out in this Regulation***.	***(c)*** be developed, deployed and used in a manner that allows human control to be regained at any time, including through the altering or halting of those technologies.

Or. en

Amendment 538
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 6 – paragraph 3

Motion for a resolution	*Amendment*
3. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that allows human control to be regained ***at any time***, including through the ***altering or*** halting of those technologies***, when that development, deployment or use entails a risk of breaching the ethical principles set out in this Regulation***.	3. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that allows human control to be regained ***when needed***, including through the halting of those technologies.

Or. en

Amendment 539
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 6 – paragraph 3

Motion for a resolution	*Amendment*
3. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that allows human control to be regained at any time, including through the altering or halting of those technologies, when that development, deployment or use entails a risk of breaching the ethical principles set out in this Regulation.	3. The technologies listed in paragraph 1 shall be developed, deployed and used in a manner that allows human control to be regained at any time, including through the altering or halting of those technologies, when that development, deployment or use entails a risk of breaching ***Union law or*** the ethical principles set out in this Regulation.

Or. en

Amendment 540
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 7

Motion for a resolution	*Amendment*
Annex I – part B – Article 7	***deleted***
Risk assessment	
1. For the purposes of this Regulation, artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, which entail a significant risk of breaching the ethical principles set out in this Regulation shall be considered high-risk technologies.	
2. Where artificial intelligence, robotics and related technologies are considered high-risk technologies, an assessment of compliance of those technologies with the obligations set out	

in this Regulation shall be carried out and monitored by the national supervisory authorities referred to in Annex I – part B – Article 14.

3. Without prejudice to paragraph 1, the risk assessment of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out on the basis of objective criteria harmonised at Union level and in accordance with applicable sectorial legislation.

Or. en

Amendment 541
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 7 – paragraph 1

Motion for a resolution	*Amendment*
1. For the purposes of this Regulation, artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, ***which entail a significant risk of breaching the ethical principles set out in this Regulation*** shall be considered high-risk technologies.	1. For the purposes of this Regulation, artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be considered high-risk technologies ***when, considering their intended use and the critical sectors where they are employed in accordance with the Annex to this Regulation, their autonomous operation involves a significant potential to cause harm to one or more persons, in a manner that is random and impossible to predict in advance. Determining the significance of the potential shall depends on the interplay between the severity of possible harm or damage, the likelihood that the risk materializes and the manner in which the AI-system is being used.***

Or. en

Amendment 542
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 7 – paragraph 1

Motion for a resolution	*Amendment*
1. For the purposes of this Regulation, artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, which entail a significant risk of breaching the ethical principles set out in this Regulation shall be considered high-risk technologies.	1. For the purposes of this Regulation, artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, which entail a significant risk of breaching ***Union law, fundamental rights, and*** the ethical principles set out in this Regulation shall be considered high-risk technologies.

Or. en

Amendment 543
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 7 – paragraph 1 a (new)

Motion for a resolution	*Amendment*
	1a. The risk assessment of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out by the national supervisory authorities referred to in Article 14 on the basis of a common and exhaustive list of high-risk artificial intelligence, robotics and related technologies in accordance with the objective criteria provided for in paragraph 1 of this Article and elaborated jointly by the national supervisory authorities, the European Commission and other relevant institutions, bodies, offices and agencies of the Union in the context of their cooperation.

Or. en

Amendment 544
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 7 – paragraph 2

Motion for a resolution	*Amendment*
2. Where artificial intelligence, robotics and related technologies are considered high-risk technologies, an assessment of compliance of those technologies with the obligations set out in this Regulation shall be carried out and monitored by the ***national*** supervisory authorities referred to in Article 14.	2. Where artificial intelligence, robotics and related technologies are considered high-risk technologies, an assessment of compliance of those technologies with the obligations set out in this Regulation shall be carried out and monitored by the ***competent*** supervisory authorities referred to in Article 14 ***or the European Agency for Artificial Intelligence***.

Or. en

Amendment 545
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 7 – paragraph 2 a (new)

Motion for a resolution	*Amendment*
	2a. Upon request by any developer, deployer or user of high-risk artificial intelligence, robotics and related technologies are considered high-risk technologies seeking to certify the positive assessment of compliance carried out, the respective national supervisory authority shall issue a European certificate of ethical compliance.
	Such a European certificate of ethical compliance shall be issued in accordance with the common criteria and an application process developed jointly by the national supervisory authorities, the

European Commission and other relevant institutions, bodies, offices and agencies of the Union in the context of their cooperation.

Or. en

Amendment 546
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 7 – paragraph 3

Motion for a resolution	*Amendment*
3. Without prejudice to paragraph 1, the risk assessment of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out on the basis of objective criteria harmonised at Union level and in accordance with applicable sectorial legislation.	***deleted***

Or. en

Amendment 547
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – Article 7 – paragraph 3

Motion for a resolution	*Amendment*
3. Without prejudice to paragraph 1, the risk assessment of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out on the basis of objective criteria harmonised at Union level and in accordance with applicable sectorial legislation.	3. Without prejudice to paragraph 1, the risk assessment of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be carried out on the basis of ***a risk-based approach and*** objective criteria harmonised at Union level and in accordance with applicable

sectorial legislation.

Or. en

Amendment 548
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 7 a (new)

Motion for a resolution	*Amendment*
	Article 7a
	Voluntary labelling scheme for non high-risk AI technologies
	1. For artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies that do not qualify as high-risk and that are not subject to the mandatory requirements and risk assessment established by this Regulation, a voluntary labelling scheme should be established.
	2. Under such a voluntary labelling scheme, interested economic operators can decide to make themselves subject either to the requirements listed in this Regulation or to a specific set of similar requirements especially established for the purposes of the voluntary scheme by national authorities.
	3. The economic operators concerned shall be awarded a quality label for their artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, provided that those technologies comply with the applicable requirements in accordance with paragraph 2 of this Article.

Or. en

Amendment 549
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – introductory part

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be ***developed, deployed and used in a manner that ensures they do not breach the ethical principles set out in this Regulation. In particular, they shall be***:	1. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be:

Or. en

Amendment 550
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) developed, deployed and used in a consistent manner so that they do not pursue aims or do not carry out activities other than those for which they have been conceived;	***deleted***

Or. en

Amendment 551
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point a

Motion for a resolution	*Amendment*
(a) developed, deployed and used in a	***deleted***

consistent manner so that they do not pursue aims or do not carry out activities other than those for which they have been conceived;

Or. en

Amendment 552
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point b

Motion for a resolution	*Amendment*
(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security, and one that prevents any technical vulnerabilities from being exploited for unfair or unlawful purposes;	(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security ***by adhering to minimum cybersecurity baselines proportionate to identified risk***, and one that prevents any technical vulnerabilities from being exploited for unfair or unlawful purposes;

Or. en

Amendment 553
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point b

Motion for a resolution	*Amendment*
(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security, and one that prevents any technical vulnerabilities from being exploited for ***unfair*** or unlawful purposes;	(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security, and one that prevents any technical vulnerabilities from being exploited for ***malicious*** or unlawful purposes;

Or. en

Amendment 554
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point b

Motion for a resolution	*Amendment*
(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security, and one that prevents any technical vulnerabilities from being exploited for ***unfair or*** unlawful purposes;	(b) developed, deployed and used in a resilient manner so that they ensure an adequate level of security, and one that prevents any technical vulnerabilities from being exploited for unlawful purposes;

Or. en

Amendment 555
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point c

Motion for a resolution	*Amendment*
(c) developed, deployed and used in a secure manner that ensures there are safeguards that include a fall-back plan and action in case of a risk of a ***breach of the ethical principles set out in this Regulation***;	(c) developed, deployed and used in a secure manner that ensures there are safeguards that include a fall-back plan and action in case of a risk of a ***safety or security risk***;

Or. en

Amendment 556
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point d

Motion for a resolution	*Amendment*
(d) developed, deployed and used in a manner that ensures that there is trust that the performance is reliable as regards	(d) developed, deployed and used in a manner that ensures that there is trust that the ***technology works as expected by its***

reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;	***user and*** performance is reliable as regards reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;

Or. en

Amendment 557
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point d

Motion for a resolution	*Amendment*
(d) developed, deployed and used in a manner that ensures ***that there is trust that the*** performance ***is reliable*** as regards reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;	(d) developed, deployed and used in a manner that ensures ***are reliable*** performance as regards reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;

Or. en

Amendment 558
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point d

Motion for a resolution	*Amendment*
(d) developed, deployed and used in a manner that ensures ***that there is trust*** that the performance is reliable as regards reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;	(d) developed, deployed and used in a manner that ensures that the performance is reliable as regards reaching the aims and carrying out the activities they have been conceived for, including by ensuring that all operations are reproducible;

Or. en

Amendment 559
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that ensures that the performance of the aims and activities of the particular technologies is accurate; if occasional inaccuracies cannot be avoided, the system shall indicate the likeliness of errors and inaccuracies to deployers and users through an appropriate disclaimer message;	(e) developed, deployed and used in a manner that ensures that the performance of the aims and activities of the particular technologies is accurate; if occasional inaccuracies cannot be avoided, the system shall indicate***, to the extent possible,*** the likeliness of errors and inaccuracies to deployers and users through an appropriate disclaimer message;

Or. en

Amendment 560
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that ensures that the performance of the aims and activities of the particular technologies is accurate; if occasional inaccuracies cannot be avoided, the system shall indicate the likeliness of errors and inaccuracies to deployers and users ***through an appropriate disclaimer message***;	(e) developed, deployed and used in a manner that ensures that the performance of the aims and activities of the particular technologies is accurate; if occasional inaccuracies cannot be avoided, the system shall indicate the likeliness of errors and inaccuracies to deployers and users ***appropriately***;

Or. en

Amendment 561
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point f

Motion for a resolution	*Amendment*
(f) developed, deployed and used in an easily explainable manner so as to ensure that there can be a review of the technical processes of the technologies;	(f) developed, deployed and used in an easily explainable***, auditable, traceable, and transparent*** manner so as to ensure that there can be a review of the technical processes of the technologies;

Or. en

Amendment 562
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point g

Motion for a resolution	*Amendment*
(g) developed, deployed and used in a manner such that they ***are capable of warning*** users that they are interacting with artificial intelligence systems, duly disclosing their capabilities, accuracy and limitations to ***artificial intelligence*** developers, deployers and users;	(g) developed, deployed and used in a manner such that they ***inform*** users that they are interacting with artificial intelligence systems, duly ***and comprehensively*** disclosing their capabilities, accuracy and limitations to developers, deployers and users ***of high-risk technologies***;

Or. en

Amendment 563
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point g

Motion for a resolution	*Amendment*
(g) developed, deployed and used in a manner such that they are capable of warning users that they are interacting with artificial intelligence systems, duly disclosing their capabilities, accuracy and limitations to ***artificial intelligence developers,*** deployers and users;	(g) developed, deployed and used in a manner such that they are capable of warning users that they are interacting with artificial intelligence systems, duly disclosing their capabilities, accuracy and limitations to deployers and users;

Or. en

Amendment 564
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 1 – point h

Motion for a resolution	*Amendment*
(h) in accordance with Article 6(3), developed, deployed and used in a manner that makes it possible, in the event of non-compliance with the safety features set out in subparagraphs (a) to (g), for the technologies concerned to be temporarily disabled and to revert to ***historical*** functionalities.	(h) in accordance with Article 6(3), developed, deployed and used in a manner that makes it possible, in the event of non-compliance with the safety features set out in subparagraphs (a) to (g), for the technologies concerned to be temporarily disabled and to revert to ***a previous state, identified as restoring safe*** functionalities.

Or. en

Amendment 565
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 2

Motion for a resolution	*Amendment*
2. In accordance with Article ***6(2), the*** technologies ***mentioned in paragraph 1*** shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest standards***, and that it is possible for the national supervisory authorities referred to in Article 14 to assess the compliance of such technologies with the obligations set out in this Regulation***. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.	2. In accordance with Article ***6(b), high-risk*** technologies***, including software, algorithms and data used or produced by such technologies*** shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest ***applicable*** standards. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.

Or. en

Amendment 566
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 2

Motion for a resolution	*Amendment*
2. In accordance with Article 6(2), the technologies mentioned in paragraph 1 shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest standards, and that it is possible for the national supervisory authorities referred to in Article 14 to assess the compliance of such technologies with the obligations set out in this Regulation. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.	2. In accordance with Article 6(2), the technologies mentioned in paragraph 1 shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest ***possible*** standards, and that it is possible for the national supervisory authorities referred to in Article 14 to assess the compliance of such technologies with the obligations set out in this Regulation. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.

Or. en

Amendment 567
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 2

Motion for a resolution	*Amendment*
2. In accordance with Article 6(2), the technologies mentioned in paragraph 1 shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest standards, and that it is possible for the ***national*** supervisory authorities referred to in Article 14 to assess the compliance of such	2. In accordance with Article 6(2), the technologies mentioned in paragraph 1 shall be developed, deployed and used in transparent and traceable manner so that their elements, processes and phases are documented to the highest standards, and that it is possible for the ***competent*** supervisory authorities referred to in Article 14 to assess the compliance of such

technologies with the obligations set out in this Regulation. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.	technologies with the obligations set out in this Regulation. In particular, the developer, deployer or user of those technologies shall be responsible for, and be able to demonstrate, compliance with the safety features set out in paragraph 1.

Or. en

Amendment 568
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 3

Motion for a resolution	*Amendment*
3. The developer, deployer or user of the technologies mentioned in paragraph 1 shall ensure that the measures taken to ensure compliance with the ***safety*** features set out in paragraph 1 can be audited by the ***national*** supervisory authorities referred to in Article 14.	3. The developer, deployer or user of the technologies mentioned in paragraph 1 shall ensure that the measures taken to ensure compliance with the features set out in paragraph 1 can be audited by the ***competent*** supervisory authorities referred to in Article 14 ***and other supervisory bodies***.

Or. en

Amendment 569
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 3

Motion for a resolution	*Amendment*
3. The developer, deployer or user of ***the*** technologies ***mentioned in paragraph 1*** shall ensure that the measures taken to ensure compliance with the safety features set out in paragraph 1 can be audited by the national supervisory authorities referred to in Article 14.	3. The developer, deployer or user of ***high-risk*** technologies shall ensure that the measures taken to ensure compliance with the safety features set out in paragraph 1 can be audited by the national supervisory authorities referred to in Article 14.

Or. en

Amendment 570
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 8 – paragraph 4

Motion for a resolution	*Amendment*
4. Users shall be presumed to have complied with the obligations set out in this Article where their use of artificial, robotics and related technologies, including software, algorithms and data used or produced by such technologies, is carried out in good faith and in no way contravenes the ethical principles laid down in this Regulation.	***deleted***

Or. en

Amendment 571
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 8 – paragraph 4

Motion for a resolution	*Amendment*
4. Users shall be presumed to have complied with the obligations set out in this Article ***where their use of artificial, robotics and related technologies, including software, algorithms and data used or produced by such technologies, is carried out in good faith and in no way contravenes the ethical principles laid down in this Regulation***.	4. Users shall be presumed to have complied with the obligations set out in this Article.

Or. en

Amendment 572
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 8 – paragraph 4

Motion for a resolution	*Amendment*
4. Users shall be presumed to have complied with the obligations set out in this Article where their use of artificial, robotics and related technologies, including software, algorithms and data used or produced by such technologies, is carried out in good faith and in no way ***contravenes*** the ethical principles laid down in this Regulation.	4. Users shall be presumed to have complied with the obligations set out in this Article where their use of artificial, robotics and related technologies, including software, algorithms and data used or produced by such technologies, is carried out in good faith ***in accordance with the safety and use instructions provided by the developed and/or the deployer*** and in no way ***contravening*** the ethical principles laid down in this Regulation.

Or. en

Amendment 573
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 9 – paragraph 1

Motion for a resolution	*Amendment*
1. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be such as to ensure respect for human dignity and equal treatment for all.	1. Any ***high-risk*** software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be such as to ensure respect for human dignity and equal treatment for all ***in line with Union law***.

Or. en

Amendment 574
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 9 – paragraph 1

Motion for a resolution	*Amendment*
1. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be such as to ensure respect for human dignity and equal treatment for all.	1. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be such as to ensure respect for human ***rights and*** dignity and equal treatment for all.

Or. en

Amendment 575
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 9 – paragraph 1

Motion for a resolution	*Amendment*
1. ***Any*** software, algorithm or data used or produced by ***artificial intelligence, robotics and related*** technologies developed, deployed or used in the Union shall be such as to ensure respect for human dignity and equal treatment for all.	1. ***High-risk technologies, including*** software, algorithm or data used or produced by ***such*** technologies developed, deployed or used in the Union shall be such as to ensure respect for human dignity and equal treatment for all.

Or. en

Amendment 576
Raffaele Stancanelli

Motion for a resolution
Annex I – part B – Article 9 – paragraph 2

Motion for a resolution	*Amendment*
2. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3, shall not discriminate on grounds such as race, gender, sexual	2. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3, shall not discriminate on grounds such as race, gender, sexual

orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.	orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record***, and shall not seek to promote certain ideas, values and uniform views of society***.

Or. it

Amendment 577
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 9 – paragraph 2

Motion for a resolution	*Amendment*
2. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3, shall not discriminate on grounds such as race, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.	2. Any ***high-risk*** software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3, shall not discriminate on grounds such as race, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.

Or. en

Amendment 578
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 9 – paragraph 2

Motion for a resolution	*Amendment*
2. ***Any*** software, ***algorithm or*** data	2. ***High-risk technologies, including***

used or produced by ***artificial intelligence, robotics and related*** technologies developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3, shall not discriminate on grounds such as race, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.	software, ***algorithms and*** data used or produced by ***such*** technologies***,*** developed, deployed or used in the Union shall be unbiased and, without prejudice to paragraph 3,shall not discriminate on grounds such as race, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.

Or. en

Amendment 579
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 9 – paragraph 2

Motion for a resolution	*Amendment*
2. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and***, without prejudice to paragraph 3,*** shall not discriminate on grounds such as ***race***, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.	2. Any software, algorithm or data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be unbiased and shall not discriminate on grounds such as ***perceived ethnicity***, gender, sexual orientation, pregnancy, disability, physical or genetic features, age, national minority, ethnic or social origin, language, religion or belief, political views or civic participation, citizenship, civil or economic status, education, or criminal record.

Or. en

Amendment 580
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 1

Motion for a resolution	*Amendment*
1. ***Any artificial intelligence, robotics and related*** technologies***,*** including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in compliance with the relevant Union law, principles and values***, in a manner that ensures optimal social, environmental and economic outcomes and that does not result in injury or harm of any kind to being caused to individuals or society***.	1. ***High-risk*** technologies ***,***including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in compliance with the relevant Union law, principles and values***.***.

Or. en

Amendment 581
Raffaele Stancanelli

Motion for a resolution
Annex I – part B – Article 10 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in compliance with the relevant Union law, principles and values, in a manner that ensures optimal social, environmental and economic outcomes and that does not result in injury or harm of any kind to being caused to individuals or society.	1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in compliance with the relevant Union law, principles and values, in a manner that ensures optimal social, environmental and economic outcomes and that does not result in injury or harm of any kind to being caused to individuals or society***, paying particular attention to the possible adverse effects on employment and workers' rights***.

Or. it

Amendment 582
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in ***compliance with the relevant Union law, principles and values, in a*** manner that ensures ***optimal*** social, environmental and economic outcomes and that does not result in injury or harm of any kind to being caused to individuals or society.	1. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed and used in the Union in ***a socially responsible*** manner that ensures social ***well-being***, environmental and economic outcomes ***that contributes to gender balance*** and that does not result in injury or harm of any kind to being caused to individuals or society ***in compliance with relevant Union laws, principles and values***.

Or. en

Amendment 583
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2

Motion for a resolution	*Amendment*
2. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be developed, deployed and used in a socially responsible manner. In particular, such a manner shall mean that such technologies are:	***deleted***
(a) developed, deployed and used in a manner that contributes to improving individual development, collective well-being and the healthy functioning of democracy, without interfering in political processes, decision-making and elections or contributing to the dissemination of	

disinformation;

(b) developed, deployed and used in a manner that contributes to the achievement of a fair society by helping to increase citizens' health and well-being, fostering equality in the creation and availability of economic, social and political opportunity and respecting workers' rights;

(c) developed, deployed and used in a manner that contributes to public debate, complements and empowers human cognitive skills, encourages quality education and promotes multilingualism while reflecting the cultural diversity of the Union;

(d) developed, deployed and used in a gender-balanced manner that narrows the gender gap by providing equal opportunities for all;

(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;

Or. en

Amendment 584
Stéphane Séjourné, Liesje Schreinemacher, Karen Melchior, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – introductory part

Motion for a resolution	*Amendment*
2. ***Any artificial intelligence, robotics and related*** technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be developed, deployed and used in a socially responsible manner. ***In particular, such a***	2. ***High-risk*** technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be developed, deployed and used in a socially responsible manner.

manner shall mean that such technologies are:

Or. en

Amendment 585
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point a

Motion for a resolution	*Amendment*
(a) developed, deployed and used in a manner that contributes to improving individual development, collective well-being and the healthy functioning of democracy, without interfering in political processes, decision-making and elections or contributing to the dissemination of disinformation;	***deleted***

Or. en

Amendment 586
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point a

Motion for a resolution	*Amendment*
(a) developed, deployed and used in a manner that contributes to improving individual development, collective well-being and the healthy functioning of democracy, without interfering in political processes, decision-making and elections or contributing to the dissemination of disinformation;	***deleted***

Or. en

Amendment 587
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point b

Motion for a resolution	*Amendment*
(b) developed, deployed and used in a manner that contributes to the achievement of a fair society by helping to increase citizens' health and well-being, fostering equality in the creation and availability of economic, social and political opportunity and respecting workers' rights;	***deleted***

Or. en

Amendment 588
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point b

Motion for a resolution	*Amendment*
(b) developed, deployed and used in a manner that contributes to the achievement of a fair society by helping to increase citizens' health and well-being, fostering equality in the creation and availability of economic, social and political opportunity and respecting workers' rights;	***deleted***

Or. en

Amendment 589
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point c

Motion for a resolution	*Amendment*
(c) developed, deployed and used in a manner that contributes to public debate, complements and empowers human cognitive skills, encourages quality education and promotes multilingualism while reflecting the cultural diversity of the Union;	***deleted***

Or. en

Amendment 590
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point c

Motion for a resolution	*Amendment*
(c) developed, deployed and used in a manner that contributes to public debate, complements and empowers human cognitive skills, encourages quality education and promotes multilingualism while reflecting the cultural diversity of the Union;	***deleted***

Or. en

Amendment 591
Raffaele Stancanelli

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point c

Motion for a resolution	*Amendment*
(c) developed, deployed and used in a manner that contributes to public debate, complements and empowers human cognitive skills, encourages quality education and promotes multilingualism while reflecting the cultural diversity of the	(c) developed, deployed and used in a manner that contributes to public debate, complements and empowers human cognitive skills, encourages quality education and promotes multilingualism while reflecting the cultural diversity of the

Union;	Union ***and promoting the traditions and customs of its peoples***;

Or. it

Amendment 592
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point d

Motion for a resolution	*Amendment*
(d) developed, deployed and used in a gender-balanced manner that narrows the gender gap by providing equal opportunities for all;	***deleted***

Or. en

Amendment 593
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point d

Motion for a resolution	*Amendment*
(d) developed, deployed and used in a gender-balanced manner that narrows the gender gap by providing equal opportunities for all;	***deleted***

Or. en

Amendment 594
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;	***deleted***

Or. en

Amendment 595
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;	***deleted***

Or. en

Amendment 596
Ibán García Del Blanco

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual	(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual

property rights;	property rights ***and exploring the potential of these technologies, namely through their explainability, in detecting infringements of such rights***;

Or. en

Amendment 597
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;	(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights ***and limitations and exceptions thereto***;

Or. en

Amendment 598
Caterina Chinnici

Motion for a resolution
Annex I – part B – Article 10 – paragraph 2 – point e

Motion for a resolution	*Amendment*
(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;	(e) developed, deployed and used in a manner that contributes to the narrowing of the digital divide among regions, age groups and social classes, the ***protection of children, the*** promotion of digital literacy and skills, innovation and creativity, while respecting intellectual property rights;

Or. en

Amendment 599
Stéphane Séjourné, Karen Melchior, Adrián Vázquez Lázara, Liesje Schreinemacher

Motion for a resolution
Annex I – part B – Article 10 – paragraph 3

Motion for a resolution	*Amendment*
3. The Union and its Member States shall encourage research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, that seek to promote social inclusion, plurality, solidarity, fairness, equality and cooperation.	***deleted***

Or. en

Amendment 600
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 3

Motion for a resolution	*Amendment*
3. The Union and its Member States shall encourage research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, that seek to promote social inclusion, plurality, solidarity, fairness, equality and cooperation.	3. The Union and its Member States shall encourage research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, that seek to promote social inclusion, ***democracy,*** plurality, solidarity, fairness, equality and cooperation.

Or. en

Amendment 601
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 10 – paragraph 4

Motion for a resolution	*Amendment*
4. The social effects of the ubiquitous	***deleted***

presence of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be monitored by the national supervisory authorities referred to in Article 14, in order to avoid disruptive effects on social agency and social relationships, as well as the deterioration of social skills.

Or. en

Amendment 602
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 10 – paragraph 4

Motion for a resolution	*Amendment*
4. The social effects of the ubiquitous presence of artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be monitored by the national supervisory authorities referred to in Article 14, in order to avoid disruptive effects on social agency and social relationships, as well as the deterioration of social skills.	***deleted***

Or. en

Amendment 603
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 10 – paragraph 4

Motion for a resolution	*Amendment*
4. The social effects of the ubiquitous presence of artificial intelligence, robotics	4. The social effects of the ubiquitous presence of artificial intelligence, robotics

and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be monitored by the ***national*** supervisory authorities referred to in Article 14, in order to avoid disruptive effects on social agency and social relationships, as well as the deterioration of social skills.	and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed or used in the Union shall be monitored by the ***competent*** supervisory authorities referred to in Article 14 ***and other supervisory bodies***, in order to avoid disruptive effects on social agency and social relationships, as well as the deterioration of social skills.

Or. en

Amendment 604
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 11 – title

Motion for a resolution	*Amendment*
Environmental ***friendliness and*** sustainability	Environmental sustainability

Or. en

Amendment 605
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 11 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in compliance with Union law, principles and values, in a manner that ***ensures optimal environmentally friendly outcomes and*** minimises their environmental footprint during their lifecycle and through their entire supply	1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in compliance with Union law, principles and values, in a manner that ***preserves the environment,*** minimises ***and remedies*** their environmental footprint during their lifecycle and through their entire supply chain, in order to ***contribute to the green***

chain, in order to support the achievement of climate neutrality and circular economy goals.	***transition,*** support the achievement of climate neutrality and circular economy goals.

Or. en

Amendment 606
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 11 – paragraph 1

Motion for a resolution	*Amendment*
1. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in ***compliance with Union law, principles and values, in*** a manner that ensures ***optimal*** environmentally ***friendly*** outcomes and minimises their environmental footprint during their lifecycle and through their entire supply chain, in order to support the achievement of climate neutrality and circular economy goals.	1. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in a manner that ensures environmentally ***sustainable*** outcomes and minimises their environmental footprint during their lifecycle and through their entire supply chain, in order to support the achievement of climate neutrality and circular economy goals ***in accordance with the applicable Union law***.

Or. en

Amendment 607
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 11 – paragraph 1

Motion for a resolution	*Amendment*
1. ***Any artificial intelligence, robotics and related*** technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in compliance with Union law***, principles***	1. ***High-risk*** technologies, including software, algorithms and data used or produced by such technologies, shall be developed, deployed or used in the Union in compliance with Union law ***and commitments related to the protection of***

and values, in a manner that ensures optimal environmentally friendly outcomes and minimises their environmental footprint during their lifecycle and through their entire supply chain, in order to support the achievement of climate neutrality and circular economy goals.	***the environment and where applicable they shall pursue the objective of minimising*** their environmental footprint during their lifecycle and through their entire supply chain, in order to support the achievement of climate neutrality and circular economy goals.

Or. en

Amendment 608
Stéphane Séjourné, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 11 – paragraph 2

Motion for a resolution	*Amendment*
2. The Union and its Member States shall encourage and promote research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, seeking to address environmental issues such as waste production, the carbon footprint, climate change and environmental degradation.	***deleted***

Or. en

Amendment 609
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 11 – paragraph 2

Motion for a resolution	*Amendment*
2. The Union and its Member States shall encourage and promote research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, seeking to ***address*** environmental issues such as waste	2. The Union and its Member States shall encourage and promote research projects intended to provide solutions, based on artificial intelligence, robotics and related technologies, seeking to ***remedy*** environmental issues such as waste

production, the carbon footprint, climate change and environmental degradation.	production, the carbon footprint, climate change and environmental degradation.

Or. en

Amendment 610
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 11 – paragraph 3

Motion for a resolution	*Amendment*
3. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be assessed as to their environmental friendliness and sustainability by the national supervisory authorities, referred to in Article 14, ensuring that measures are put in place to mitigate their general impact as regards natural resources, energy consumption, waste production, the carbon footprint, climate change and environmental degradation.	***deleted***

Or. en

Amendment 611
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 11 – paragraph 3

Motion for a resolution	*Amendment*
3. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be assessed as to their environmental ***friendliness and*** sustainability by the national supervisory authorities, referred to in Article 14, ensuring that measures are	3. Any ***high-risk*** artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be assessed as to their environmental sustainability by the national supervisory authorities, referred to in Article 14, ensuring that measures are

put in place to mitigate their general impact as regards natural resources, energy consumption, waste production, the carbon footprint, climate change and environmental degradation.	put in place to mitigate their general impact as regards natural resources, energy consumption, waste production, the carbon footprint, climate change and environmental degradation ***in order to ensure compliance with the applicable Union or national law***.

Or. en

Amendment 612
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 11 – paragraph 3

Motion for a resolution	*Amendment*
3. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be assessed as to their environmental friendliness and sustainability by the ***national*** supervisory authorities, referred to in Article 14, ensuring that measures are put in place to mitigate their general impact as regards natural resources, energy consumption, waste production, the carbon footprint, climate ***change*** and environmental degradation.	3. Any artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, shall be assessed as to their environmental friendliness and sustainability by the ***competent*** supervisory authorities, referred to in Article 14 ***and other supervisory bodies***, ensuring that measures are put in place to mitigate their general impact as regards natural resources, energy consumption, waste production, the carbon footprint, climate ***emergency*** and environmental degradation.

Or. en

Amendment 613
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 11 a (new)

Motion for a resolution	*Amendment*
	Article 11a

Compliance assessment

1. The national supervisory authorities referred to in Article 14 shall assess whether high-risk technologies are compliant with the obligations set out in Chapter II of this Regulation.

2. The software, algorithms and data used or produced by high-risk technologies which have been assessed compliant within the meaning of this article shall be presumed compliant with this Regulation, unless the national supervisory authority decides to conduct an assessment at its own initiative or at the request of the developer, the deployer or the user.

3. When assessing the compliance with the obligations specified under Articles 9, 10 and 11, the national authority shall in particular consider the purposes pursued by the development, the deployment or the use the technologies, especially when it relates to:

(a) individual development, collective well-being, democracy and political processes;

(b) health and workers' rights;

(c) education.

4. The Commission shall prepare binding guidelines, in accordance with the applicable sectorial legislation, on the methodology to be used by the national supervisory authorities for the compliance assessment by the date of the entry into force of this Regulation.

Or. en

Amendment 614
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 11 b (new)

Motion for a resolution	*Amendment*
	Article 11b
	Implementation guidance
	The Commission shall prepare non-binding guidelines on the methodology for compliance with this Regulation intended to developers, deployers and users. In doing so, the Commission shall consult relevant stakeholders.
	The Commission shall publish the guidelines by the date of the entry into force of this Regulation.

Or. en

Amendment 615
Sergey Lagodinsky, Alexandra Geese, Patrick Breyer

Motion for a resolution
Annex I – part B – Article 12 – title

Motion for a resolution	*Amendment*
Privacy ***and biometric recognition***	Privacy

Or. en

Amendment 616
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 12 – paragraph 1 a (new)

Motion for a resolution	*Amendment*
	1a. The use and gathering of biometric data for remote identification purposes for deployment of facial recognition in public area, carries specific risk for fundamental rights and shall be limited only to substantial public interest in accordance with EU data protection

	rules and, in particular, the GDPR. In that case, the processing must take place on the basis of Union or national law, subject to the requirements of proportionality, respect for the essence of the right to data protection and appropriate safeguards and in compliance with Article 12(1).

Or. en

Amendment 617
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 12 – paragraph 2

Motion for a resolution	*Amendment*
2. In accordance with Article 5(2), where remote recognition technologies, such as biometric recognition, are deployed or used by Member States' public authorities for the purpose of responding to a national emergency, those authorities shall ensure that such deployment or use is limited to specific objectives, restricted in time and carried out with due regard for human dignity and the fundamental rights set out in the Charter.	***deleted***

Or. en

Amendment 618
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 12 – paragraph 2

Motion for a resolution	*Amendment*
2. In accordance with Article 5(2), where remote recognition technologies, such as biometric recognition, are deployed	2. In accordance with Article 5(2), where remote recognition technologies, such as biometric recognition, are deployed

or used by Member States' public authorities ***for the purpose of responding to a national emergency, those authorities*** shall ensure that such deployment or use is limited to specific objectives, restricted in time and carried out with due regard for human dignity and the fundamental rights set out in the Charter.	or used by Member States' public authorities***, they*** shall ensure that such deployment or use is ***voluntary, proportionate, targeted and*** limited to specific objectives, restricted in time and carried out ***in accordance with Union law,*** with due regard for human ***rights and*** dignity***, autonomy and self-determination of the individual*** and the fundamental rights set out in the Charter. ***Criteria for and limits to their use should be subjected to judicial review and submitted to democratic scrutiny and debate involving civil society, in order to determine whether, when and how it should take place, and such use should be mindful of its psychological and sociocultural impact.***

Or. en

Amendment 619
Emmanuel Maurel, Manon Aubry

Motion for a resolution
Annex I – part B – Article 12 – point 2

Motion for a resolution	*Amendment*
2. In accordance with Article 5(2), where remote recognition technologies, such as biometric recognition, are deployed or used by Member States' public authorities for the purpose of responding to a national emergency, those authorities shall ensure that such deployment or use is limited to specific objectives, restricted in time and carried out with due regard for human dignity and the fundamental rights set out in the Charter.	2. In accordance with Article 5(2), where remote recognition technologies, such as biometric recognition, are deployed or used by Member States' public authorities for the purpose of responding to a national emergency, those authorities shall ensure that such deployment or use is limited to specific objectives ***and locations (some establishments might be visited by the public and pose, by their nature, a high security risk to individuals and to the State)***, restricted in time and carried out with due regard for human dignity and the fundamental rights set out in the Charter.

Or. fr

Amendment 620
Stéphane Séjourné, Karen Melchior, Adrián Vázquez Lázara, Liesje Schreinemacher

Motion for a resolution
Annex I – part B –After Article 12 – chapter title (new)

Motion for a resolution	*Amendment*
	Chapter III: Specific requirements

Or. en

Amendment 621
Stéphane Séjourné, Liesje Schreinemacher

Motion for a resolution
Article 12 a (new)

Motion for a resolution	*Amendment*
	Article 12a
	Public power decisions
	1. Member States shall conduct an impact assessment on fundamental rights for high-risk technologies used within their prerogatives of public powers that have a significant and direct impact on the rights and obligations of natural or legal persons.
	2. High-risk technologies that have a direct and significant impact on rights and obligations of natural and legal persons shall be subject to strict human verification, and due process.

Or. en

Amendment 622
Stéphane Séjourné, Karen Melchior, Adrián Vázquez Lázara, Liesje Schreinemacher

Motion for a resolution
Annex I – part B – Article 12 b (new)

Motion for a resolution	*Amendment*
	Article 12b
	Right to redress
	1. Any natural or legal person shall be able to seek redress for damages caused by a decision issued at her/his detriment by high-risk technologies.

Or. en

Amendment 623
Stéphane Séjourné, Liesje Schreinemacher, Adrián Vázquez Lázara, Karen Melchior

Motion for a resolution
Annex I – part B –After Article 12 b – chapter title (new)

Motion for a resolution	*Amendment*
	Chapter IV: Institutional oversight

Or. en

Amendment 624
Stéphane Séjourné

Motion for a resolution
Annex I – part B – Article 13 – paragraph 1

Motion for a resolution	*Amendment*
1. Artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with relevant governance standards established by the national supervisory authorities referred to in Article 14 in accordance with Union law, principles and values.	***deleted***

Or. en

Amendment 625
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – Article 13 – paragraph 1

Motion for a resolution	*Amendment*
1. Artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with relevant governance standards ***established*** by the national supervisory authorities referred to in Article 14 in accordance with Union law, principles and values.	1. Artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with relevant governance standards ***drafted by the European Commission or another relevant institution, body, office or agency of the Union designated for this task and implemented*** by the national supervisory authorities referred to in Article 14 in accordance with Union law, principles and values.

Or. en

Amendment 626
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 13 – paragraph 1

Motion for a resolution	*Amendment*
1. Artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with relevant governance standards established by the ***national*** supervisory authorities referred to in Article 14 in accordance with Union law, principles and values.	1. Artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with relevant governance standards established by the ***competent*** supervisory authorities referred to in Article 14 ***and further supervisory bodies,*** in accordance with Union law, principles and values.

Or. en

Amendment 627
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 13 – paragraph 2

Motion for a resolution	*Amendment*
2. Data ***used or*** produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be managed by developers, deployers and users in accordance with relevant standards referred to in paragraph 1, as well as with relevant industry and business protocols. In particular, developers and deployers shall carry out, where feasible, quality checks of the external sources of data used by artificial intelligence, robotics and related technologies, and shall put oversight mechanisms in place regarding their collection, storage, processing and use.	2. Data produced ***or destined to be used*** by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall be managed by developers, deployers and users in accordance with relevant standards referred to in paragraph 1, as well as with relevant industry and business protocols. In particular, developers and deployers shall carry out, where feasible, quality checks of the external sources of data used by artificial intelligence, robotics and related technologies, and shall put oversight mechanisms in place regarding their collection, storage, processing and use.

Or. en

Amendment 628
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 13 – paragraph 2

Motion for a resolution	*Amendment*
2. Data used or produced by ***artificial intelligence, robotics and related*** technologies developed, deployed or used in the Union shall be managed by developers, deployers and users in accordance with relevant ***standards referred to in paragraph 1***, as well as with relevant industry and business protocols. In particular, developers and deployers shall carry out, where feasible, quality checks of the external sources of data used by artificial intelligence, robotics and related technologies, and shall put oversight mechanisms in place regarding their collection, storage, processing and use.	2. Data used or produced by ***high-risk*** technologies developed, deployed or used in the Union shall be managed by developers, deployers and users in accordance with ***the*** relevant ***national, European and international rules***, as well as with relevant industry and business protocols. In particular, developers and deployers shall carry out, where feasible, quality checks of the external sources of data used by artificial intelligence, robotics and related technologies, and shall put oversight mechanisms in place regarding their collection, storage, processing and use.

Or. en

Amendment 629
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 13 – paragraph 3

Motion for a resolution	*Amendment*
3. Without prejudice to portability rights and rights of persons whose usage of ***artificial intelligence, robotics and related*** technologies has generated data, the collection, storage, processing, sharing of and access to data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with the relevant ***standards referred to in paragraph 1***, as well as with relevant industry and business protocols. In particular, developers and deployers shall ensure those protocols are applied during the development and deployment of ***artificial intelligence, robotics and related*** technologies, by clearly defining the requirements for processing and granting access to data used or produced by these technologies, as well as the purpose, scope and addressees of the processing and the granting of access to such data, all of which shall at all times be auditable and traceable.	3. Without prejudice to portability rights and rights of persons whose usage of ***high-risk*** technologies has generated data, the collection, storage, processing, sharing of and access to data used or produced by artificial intelligence, robotics and related technologies developed, deployed or used in the Union shall comply with the relevant ***national, European and international rules***, as well as with relevant industry and business protocols. In particular, developers and deployers shall ensure those protocols are applied during the development and deployment of ***high-risk*** technologies, by clearly defining the requirements for processing and granting access to data used or produced by these technologies, as well as the purpose, scope and addressees of the processing and the granting of access to such data, all of which shall at all times be auditable and traceable.

Or. en

Amendment 630
Marion Walsmann

Motion for a resolution
Annex I – part B – Article 13 a (new)

Motion for a resolution	*Amendment*
	Article 13a

	Guidelines
	The Commission is drawing up guidelines for the application of this Regulation, in particular to enable small and medium-sized enterprises to effectively comply with the requirements of Articles 9 to 13 of this Regulation while minimising administrative and other burdens.

Or. de

Amendment 631
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 14 – paragraph 1

Motion for a resolution	*Amendment*
1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article ***7(1) and (2)***, each national supervisory authority shall be responsible ***for assessing whether artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union are high-risk technologies and, if so,*** for assessing and monitoring their compliance with the ethical principles set out in this Regulation.	1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article ***7***, each national supervisory authority shall be responsible for assessing and monitoring their compliance with the ethical principles set out in this Regulation.

Or. en

Amendment 632
Stéphane Séjourné, Karen Melchior, Adrián Vázquez Lázara, Liesje Schreinemacher

Motion for a resolution
Annex I – part B – Article 14 – paragraph 1

Motion for a resolution	*Amendment*
1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article ***7(1) and*** (2), each national supervisory authority shall be responsible for assessing ***whether artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union are high-risk technologies and, if so, for assessing*** and monitoring ***their*** compliance with the ethical principles set out in this Regulation.	1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article (2), each national supervisory authority shall be responsible for assessing and monitoring ***the*** compliance ***of high risk technologies*** with the ethical principles set out in this Regulation.

Or. en

Amendment 633
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 14 – paragraph 1

Motion for a resolution	*Amendment*
1. Each Member State shall designate ***an*** independent public ***authority*** to be responsible for monitoring the application of this Regulation ***('supervisory authority')***. In accordance with Article 7(1) and (2), each ***national*** supervisory authority shall be responsible for assessing whether artificial intelligence, robotics and related technologies, including software, algorithms and data ***used or*** produced by such technologies, developed, deployed and used in the Union are high-risk technologies and, if so, for assessing and monitoring their compliance with the ethical principles set out in this Regulation.	1. Each Member State shall designate independent public ***authorities or authorities with a public purpose*** to be responsible for monitoring the application of this Regulation. In accordance with Article 7(1) and (2), each ***competent*** supervisory authority shall be responsible for assessing whether artificial intelligence, robotics and related technologies, including software, algorithms and data produced ***or destined to be used*** by such technologies, developed, deployed and used in the Union are high-risk technologies and, if so, for assessing and monitoring their compliance with the ***law and the*** ethical principles set out in this Regulation.

Or. en

Amendment 634
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – Article 14 – paragraph 1

Motion for a resolution	*Amendment*
1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article 7(1) and (2), each national supervisory authority shall be responsible for assessing whether artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union are high-risk technologies and, if so, for assessing and monitoring their compliance with ***the ethical*** principles ***set out in this Regulation***.	1. Each Member State shall designate an independent public authority to be responsible for monitoring the application of this Regulation ('supervisory authority'). In accordance with Article 7(1) and (2), each national supervisory authority shall be responsible for assessing whether artificial intelligence, robotics and related technologies, including software, algorithms and data used or produced by such technologies, developed, deployed and used in the Union are high-risk technologies ***in view of the ethical principles set out in this Regulation*** and, if so, for assessing and monitoring their compliance with ***these*** principles.

Or. en

Amendment 635
Evelyne Gebhardt, Brando Benifei, Bettina Vollath

Motion for a resolution
Annex I – part B – Article 14 – paragraph 1 a (new)

Motion for a resolution	*Amendment*
	1a. Each national supervisory authority shall supervise the implementation of the legislation in force and, where applicable, the enforceable sectorial regulations arising when a technology is identified as a high-risk technology in view of the ethical principles set out in this Regulation. For this purpose, the supervisory authorities shall cooperate with the sectorial

	authorities in charge of assessing and monitoring artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies and enforcing their compliance in the light of sectorial legislation.

Or. en

Amendment 636
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 14 – paragraph 2

Motion for a resolution	*Amendment*
2. Each national supervisory authority shall contribute to the consistent application of this Regulation throughout the Union. For that purpose, the supervisory authorities in each Member State shall cooperate with each other, the Commission and other relevant institutions, bodies, offices and agencies of the Union***,*** ***in particular as regards establishing the governance standards referred to in Article 13(1)***.	2. Each national supervisory authority shall contribute to the consistent application of this Regulation throughout the Union. For that purpose, the supervisory authorities in each Member State shall cooperate with each other, the Commission and other relevant institutions, bodies, offices and agencies of the Union.

Or. en

Amendment 637
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 14 – paragraph 2

Motion for a resolution	*Amendment*
2. Each ***national*** supervisory authority shall contribute to the consistent application of this Regulation throughout the Union. For that purpose, the supervisory authorities in each Member	2. Each ***competent*** supervisory authority shall contribute to the consistent application of this Regulation throughout the Union. For that purpose, the supervisory authorities in each Member

State shall cooperate with each other, the Commission and other relevant institutions, bodies, offices and agencies of the Union, in particular as regards establishing the governance standards referred to in Article 13(1).	State shall cooperate with each other, the Commission and other relevant institutions, bodies, offices and agencies of the Union, in particular as regards establishing the governance standards referred to in Article 13(1).

Or. en

Amendment 638
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 14 – paragraph 2 a (new)

Motion for a resolution	*Amendment*
	2a. The competent supervisory authorities shall serve as a first point of contact in cases of suspected discriminating treatment or of violation of other rights as a result of use of artificial intelligence and automated decision making systems, conduct ethical evaluation of such cases in cooperation with other competent authorities in the Union, notably the Consumer Protection Cooperation Network, national consumer protection bodies and civil society; to facilitate means to individuals to meaningfully contest and remedy harm caused by such discrimination or violations.

Or. en

Amendment 639
Stéphane Séjourné

Motion for a resolution
Annex I – part B – Article 14 – paragraph 3

Motion for a resolution	*Amendment*
3. Each national supervisory authority shall be responsible for supervising the application of governance standards to artificial intelligence, robotics and related technologies, including by liaising with the maximum possible number of stakeholders. For that purpose, the supervisory authorities in each Member State shall provide a forum for regular exchange with stakeholders.	***deleted***

Or. en

Amendment 640
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 14 – paragraph 3

Motion for a resolution	*Amendment*
3. Each ***national*** supervisory authority shall be responsible for supervising the application of governance standards to artificial intelligence, robotics and related technologies, including by liaising with the maximum possible number of stakeholders. For that purpose, the supervisory authorities in each Member State shall provide a forum for regular exchange ***with*** stakeholders.	3. Each ***competent*** supervisory authority shall be responsible for supervising the application of governance standards to artificial intelligence, robotics and related technologies, including by liaising with the maximum possible number of stakeholders. For that purpose, the supervisory authorities in each Member State shall provide a forum for regular exchange ***and the cooperation and collaboration between*** stakeholders ***from academia, research, industry, civil society and individual experts*** .

Or. en

Amendment 641
Sergey Lagodinsky, Alexandra Geese

Motion for a resolution
Annex I – part B – Article 14 – paragraph 4

Motion for a resolution	*Amendment*
4. Each ***national*** supervisory authority shall provide professional and administrative guidance and support on the general implementation of the ethical principles set out in this Regulation, including to small and medium-sized enterprises or start-ups.	4. Each ***competent*** supervisory authority shall provide professional and administrative guidance and support on the general implementation of ***Union law regarding artificial intelligence, robotics and related technologies, and*** the ethical principles set out in this Regulation, including to ***relevant research and development, and*** small and medium-sized enterprises or start-ups.

Or. en

Amendment 642
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 14 – paragraph 4

Motion for a resolution	*Amendment*
4. Each national supervisory authority shall provide professional and administrative guidance ***and support on the general*** implementation of the ethical ***principles*** set out in this Regulation, ***including*** to small and medium-sized enterprises or start-ups.	4. Each national supervisory authority shall provide professional and administrative guidance ***for the*** implementation of the ***harmonised*** ethical ***framework*** set out in this Regulation, ***especially*** to small and medium-sized enterprises or start-ups.

Or. en

Amendment 643
Stéphane Séjourné, Karen Melchior, Liesje Schreinemacher, Adrián Vázquez Lázara

Motion for a resolution
Annex I – part B – Article 14 – paragraph 6

Motion for a resolution	*Amendment*
6. ***Member States shall take all measures necessary to ensure the implementation of the ethical principles***	6. Member States shall support relevant stakeholders and civil society, at both Union and national level, in their

set out in this Regulation. Member States shall support relevant stakeholders and civil society, at both Union and national level, in their efforts to ensure a timely, ethical and well-informed response to the new opportunities and challenges, in particular those of a cross-border nature, arising from technological developments relating to artificial intelligence, robotics and related technologies.

efforts to ensure a timely, ethical and well-informed response to the new opportunities and challenges, in particular those of a cross-border nature, arising from technological developments relating to artificial intelligence, robotics and related technologies.

Or. en

Amendment 644
Emmanuel Maurel

Motion for a resolution
Annex I – part B – Article 14 – paragraph 6 a (new)

Motion for a resolution	*Amendment*
	6a. For the purpose of ensuring the application of ethical principles throughout the territory of the Union as well as a harmonised functioning of the Digital Single Market in the field of artificial intelligence, robotics and related technologies, a European Agency has been established. Together with national supervisory authorities, the Agency will develop common criteria and an application process relating to the granting of a European certificate of ethical compliance following a request by any developer, deployer or user seeking to certify the positive assessment of compliance carried out by the respective national supervisory authority;

Or. fr

Amendment 645
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 15

Motion for a resolution	*Amendment*
Article 15	***deleted***
Reporting of breaches and protection of reporting persons	
Directive (EU) 2019/1937[3] of the European Parliament and of the Council[3] shall apply to the reporting of breaches of this Regulation and the protection of persons reporting such breaches.	
[3] Directive (EU) 2019/1937 of the European Parliament and of the Council of 23 October 2019 on the protection of persons who report breaches of Union law (OJ L 305, 26.11.2019, p. 17).	

Or. en

Amendment 646
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 15 – paragraph 1

Motion for a resolution	*Amendment*
Directive (EU) 2019/1937 of the European Parliament and of the Council[3] shall apply to the reporting of breaches of this Regulation and the protection of persons reporting such breaches.	***deleted***
[3] Directive (EU) 2019/1937 of the European Parliament and of the Council of 23 October 2019 on the protection of persons who report breaches of Union law (OJ L 305, 26.11.2019, p. 17).	

Or. en

Amendment 647
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 16

Motion for a resolution	*Amendment*
Article 16	***deleted***
Amendment to Directive (EU) No 2019/1937	
Directive (EU) No 2019/1937 is amended as follows:	
(1) In Article 2(1), the following point is added: ‘	
‘(xi) development, deployment and use artificial intelligence, robotics and related technologies.’	
(2) In Part I of the Annex, the following point is added:	
‘K. Point (a)(xi) of Article 2(1) - development, deployment and use artificial intelligence, robotics and related technologies.	
“(xxi) Regulation [XXX] of the European Parliament and of the Council on ethical principles for the development, deployment and use artificial intelligence, robotics and related technologies”.’	

Or. en

Amendment 648
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 16 – paragraph 1 – point 1

Motion for a resolution	*Amendment*
(1) In Article 2(1), the following point is added: ‘	***deleted***

‘(xi) development, deployment and use artificial intelligence, robotics and related technologies.’

Or. en

Amendment 649
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Article 16 – paragraph 1 – point 2

Motion for a resolution	*Amendment*
(2) In Part I of the Annex, the following point is added:	***deleted***
‘K. Point (a)(xi) of Article 2(1) - development, deployment and use artificial intelligence, robotics and related technologies.	
“(xxi) Regulation [XXX] of the European Parliament and of the Council on ethical principles for the development, deployment and use artificial intelligence, robotics and related technologies”.’	

Or. en

Amendment 650
Emmanuel Maurel

Motion for a resolution
Annex I – part B – Article 17 – paragraph 1

Motion for a resolution	*Amendment*
The Commission shall keep under regular review the development of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, and shall by [OJ: please enter the date three years after entry into force], and every three years thereafter,	***In conjunction with the European Agency for artificial intelligence, robotics and related technologies,*** the Commission shall keep under regular review the development of artificial intelligence, robotics and related technologies, including the software, algorithms and data used or produced by such technologies, and shall

submit to the European Parliament, the Council and the European Economic and Social Committee a report on the application of this Regulation, including an assessment of the possible modification of the scope of application of this Regulation.	by [OJ: please enter the date three years after entry into force], and every three years thereafter, submit to the European Parliament, the Council and the European Economic and Social Committee a report on the application of this Regulation, including an assessment of the possible modification of the scope of application of this Regulation.

Or. fr

Amendment 651
Stéphane Séjourné

Motion for a resolution
Annex I – part B – Article 17 a (new)

Motion for a resolution	*Amendment*
	Article 17a
	Exercise of delegation
	1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.
	2. The power to adopt delegated acts referred to in Article 2(3) shall be conferred on the Commission for an indeterminate period of time from (date of entry into force of this Regulation).
	3. The delegation of power referred to in Article 2(3) may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the Official Journal of the European Union or a later date specified therein. It shall not affect the validity of any delegated act already in force.
	4. Before adopting a delegated act, the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13

April 2016 on Better Law Making.

5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.

6. A delegated act adopted pursuant to Article 2(3) shall enter into force only if no objection has been expressed either by the European Parliament or the Council within a period of three months of notification of that act to the European Parliament and the Council or, if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by three months at the initiative of the European Parliament or of the Council.

Or. en

Amendment 652
Geoffroy Didier, Andrzej Halicki, Axel Voss

Motion for a resolution
Annex I – part B – Annex (new)

Motion for a resolution	*Amendment*
	ANNEX
	The two limbed-test to determine if an AI application is 'high-risk' is set out as follows:
	the AI application is employed in a sector where significant risks can be expected to occur given the nature of activities typically undertaken (such as healthcare, transport, energy and parts of the public sector i.e. migration, social security); and
	the AI application is used in a manner where significant risks are likely to arise (for example, uses of AI that produce legal or other significant effects for the rights of an individual, or that pose a risk

to injury death or immaterial damage).

Or. en