

Question for written answer E-001997/2025

to the Commission

Rule 144

Matej Tonin (PPE), François-Xavier Bellamy (PPE), Tomas Tobé (PPE), Jörgen Warborn (PPE), Virgil-Daniel Popescu (PPE), Susana Solís Pérez (PPE), Pilar del Castillo Vera (PPE), Paulius Saudargas (PPE), Christophe Grudler (Renew), Elżbieta Katarzyna Łukacijewska (PPE), Aura Salla (PPE)

Subject: Inclusion of nuclear energy production targets and deployment pathways in the revised PINC

The Clean Industrial Deal aims to enhance European competitiveness and decarbonisation, but its success hinges on the availability of affordable, reliable clean energy. Prominent authorities in the field such as the International Energy Agency have highlighted that nuclear energy can contribute to lower energy costs while improving energy security¹.

Given this, and in the light of recent studies, such as that published by Compass Lexecon in 2024² showing that increasing European nuclear power capacity from 100 GW to 150 GW by 2050 could reduce energy system costs and accelerate emissions reductions, can the Commission clarify:

1. whether it plans to include concrete production and deployment targets for nuclear energy – including large-scale reactors, lifetime extensions, and new technologies such as small modular reactors – in the upcoming revision of the nuclear illustrative programme (PINC);
2. how the PINC will be aligned with the broader goals of the Clean Industrial Deal, and in particular, how the Commission will ensure that nuclear energy is treated on equal footing with other clean technologies in policy instruments that support industrial electrification and decarbonisation?

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¹ International Energy Agency, *Nuclear Power and Secure Energy Transitions – From Today's Challenges to Tomorrow's Clean Energy Systems*, June 2022, <https://www.iea.org/reports/nuclear-power-and-secure-energy-transitions>.

² Compass Lexecon, *Pathways to 2050: the role of nuclear in a low-carbon Europe – Final report*, 15 October 2024: <https://www.nucleareurope.eu/project/pathways-to-2050/>.