

**Question for written answer E-004525/2025
to the Commission**
Rule 144
Moritz Körner (Renew)

Subject: Post-quantum cybersecurity

1. According to the Commission's assessment, when is quantum computing expected to reach a level of maturity that would have significant practical or security implications for the EU's digital infrastructure?
2. What preparations or measures is the Commission undertaking to ensure that the data of EU citizens, public institutions, and businesses remain secure in the face of potential decryption capabilities enabled by quantum technologies?
3. Is the Commission coordinating with the Member States or international partners to develop quantum-resistant encryption standards and a unified European strategy for post-quantum cybersecurity?

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