

**Question for written answer P-000860/2019
to the Commission**
Rule 130
Tilly Metz (Verts/ALE)

Subject: The role of nuclear energy in the EU's climate strategy

On 28 November 2018, the Commission adopted a European strategic long-term vision for a prosperous, modern, competitive and climate-neutral economy, comprising eight scenarios aimed at achieving the 2050 goal of decarbonising the economy. Each scenario is based on a variety of technologies and different socio-economic parameters. Unfortunately, none of the scenarios envisage an energy system based on 100% renewable energy by 2050. Instead, all eight scenarios involve, to varying degrees, the use of nuclear energy.

- (1) For each of the scenarios presented by the Commission, what volume of nuclear electricity is produced respectively by the existing nuclear reactors (whose lifetime would be extended) and by new constructions?
- (2) What levelised cost of electricity did the Commission apply to analyse the competitiveness of both the existing nuclear installations and the new constructions?
- (3) Does the Commission plan to announce an additional scenario that would include the prospect of an energy system based on 100% renewable energy?