

**Question for written answer E-003504/2020  
to the Commission**

Rule 138

**Roberta Metsola** (PPE)

Subject: Digital building twins

Under the Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing strand of the Horizon 2020 programme, the Commission funded research proposals for the construction industry in the EU to follow the latest technological developments that go beyond building information modelling towards digital building twins – real time digital representations of a building or infrastructure with tools and technologies to collect and process real data and information from the various pieces of machinery, parts and components on an ongoing construction site.

The widespread use of such technologies could save lives and prevent construction site accidents, which are often fatal for workers and residents living in the vicinity of these sites.

1. How many project proposals did the Commission receive under this funding strand?
2. How does it plan to encourage further research into digital building twins under the new multiannual financial framework 2021-2027?
3. In which Member States are the research institutions or teams predominantly based and how does the Commission aim to disseminate their knowledge and research across all Member States?