A researcher from the University of Padua obtained a PhD in "Civil Engineering" on 28 March 2015 and would like to apply for funding to build his/her own research group and to develop an innovative idea in the field of rail transportation. What types of European funding could (s)he access?

What is Open Science and how does the European Commission support the application of its principles in the Horizon Europe Framework Programme for research and innovation?
A researcher, after obtaining her/his doctorate in Physics at the University of Padua, has been working for five years as a postdoc researcher at a prestigious American research centre. (s)he now wishes to return to the University of Padua. For which competitive funding opportunities could (s)he apply in order to continue her/his career at the University of Padua?

As part of the European Commission goal to advance Open Science policy and practices – it is a mandatory component of the Horizon Europe Framework Programme that all projects involving data include a Data Management Plan (DMP). When supporting a researcher in the PE domain, how would you suggest to address the DMP main aspects? Why is it important to have one?
Within the Horizon Europe Framework Programme for research and innovation, what is the European Innovation Council (EIC) and what are the main actions that universities can access?

Please explain how to organize sections B1 and B2 of an ERC Starting Grant project proposal in the PE - Physical Sciences and Engineering domain.