

Open consultation on ideas for Future and Emerging Technologies

Objective

The research directions we are looking for should be more general than an idea for a single research project. They can however vary from areas that would benefit from clustering a small number of projects exploring a common theme, to grand challenges in science and technology that would require large scale, long term coordinated effort.

The reason for creating such a focus in the research programme can for example be the need to develop and structure a research domain, to stimulate multi-disciplinary explorations, to create new synergies or to address challenges which could not be addressed otherwise.

Such research directions should go beyond incremental progress in science and technology, bringing new ideas and people together around a common vision that has the potential to bring a radical change, and to open up new avenues for research and breakthrough technologies (e.g. in the area of information and communication technologies). The underlying motivation should be to lay the basis for future economic and societal benefits for Europe.

Background

The objective of [Future and Emerging Technologies](#) (FET) is to foster radically new technologies through a science-driven approach based on high-risk exploratory ideas. By providing flexible support to goal-oriented and interdisciplinary collaborative research at various scales – from small to large – and by adopting innovative research practices the aim is to identify and realise opportunities of long-term and substantial benefit for citizens, the economy and society.