



# **INNOVATIVE, INCLUSIVE AND SECURE SOCIETIES**

## ***HORIZON2020***

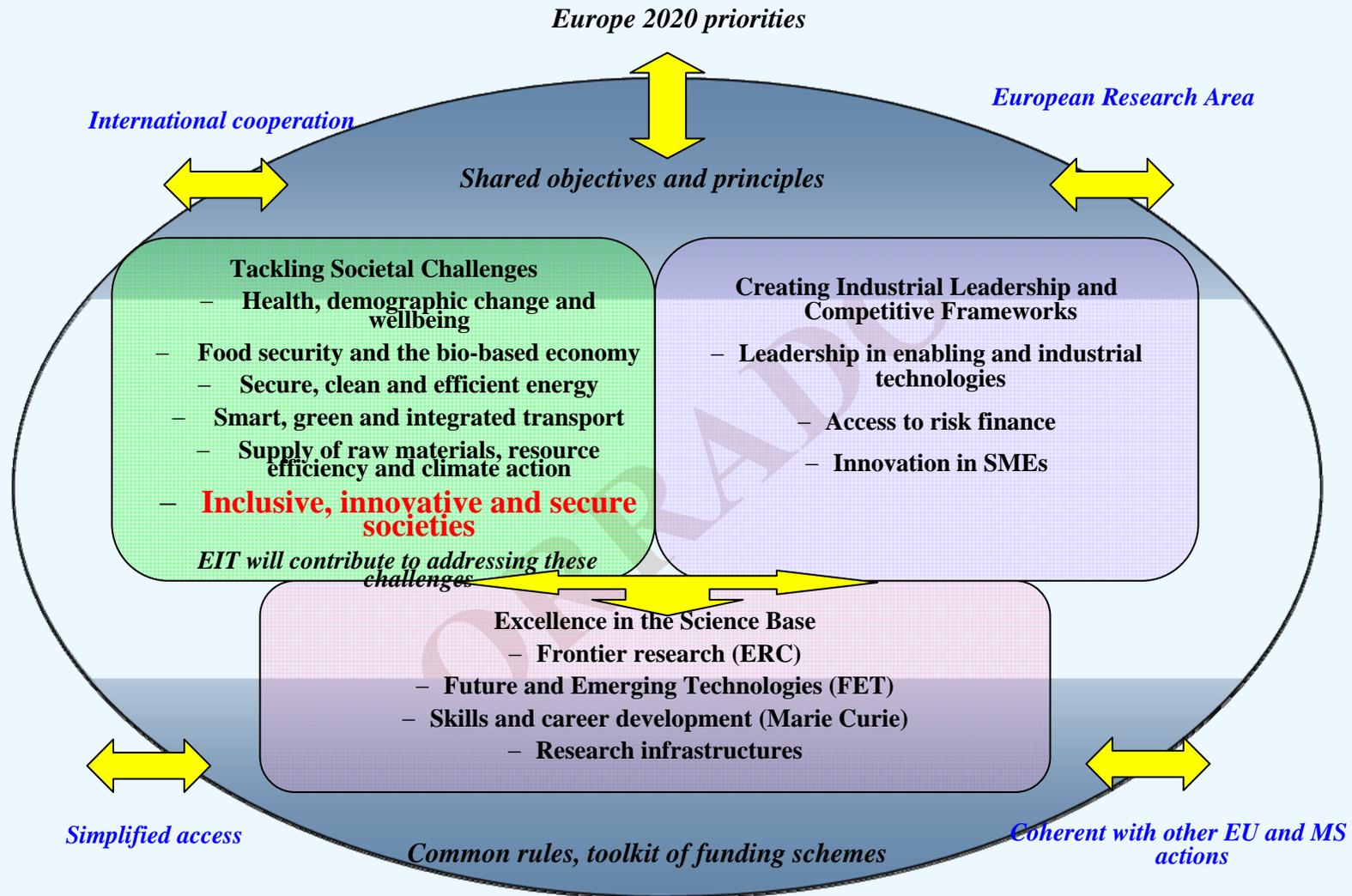
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# HORIZON 2020: Draft structure





## “Innovative, inclusive and secure societies”

- Objective: *“The specific objective is to foster inclusive, innovative and secure European societies in a context of unprecedented transformations and growing global interdependencies.”*
- Broad lines of activities:
  - *Inclusive societies*
  - *Innovative societies*
  - ***Secure societies***
    - *Fight crime and terrorism;*
    - *Provide border security*
    - *Provide cyber security*
    - *Respond to and manage crises and disasters;*
    - *Ensure privacy and freedom in the Internet and enhance the societal dimension of security*



## Secure societies

- Support *internal safety and security* through the identification and assessment of the vulnerability of **critical infrastructures** and operational performance assessment of technologies related to the digital identity
- Address *global security challenges* including emerging or hybrid threats through the development of advanced tools for information mining and analysis as well as for crisis management
- Enhance the EU capacity for managing *natural and man-made disasters* by strengthening **the monitoring of infrastructures** and the development of global multi-hazard early warning and risk management information systems, making use of satellite-based earth observation frameworks.



## Secure societies

- Fighting crime and terrorism
  - *New technologies and capabilities (including against cyber crime and cyber terrorism) for the support to health, food, water and environmental security.*
  - *New technologies and dedicated capabilities shall help to protect critical infrastructures, systems and services (including communications, transport, health, food, water, energy, logistic and supply chain, and environment).*
  - *Analysing and securing public and private critical networked infrastructures and services against any type of threats.*



## Other possible application lines

- Leadership in enabling and industrial technologies. Nano-technologies
  - > Advanced materials
    - *“The specific objective of advanced materials research and innovation is to develop materials with new functionalities and improved in-service performance, for more competitive products that minimise the impact on the environment and the consumption of resources”*
- Secure, clean and energy efficiency
  - *“The specific objective is to make the transition to a reliable, sustainable and competitive energy system, in the face of increasingly scarce resources, increasing energy needs and climate change”*



**THANKS FOR YOUR ATTENTION**