



EUROPEAN FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

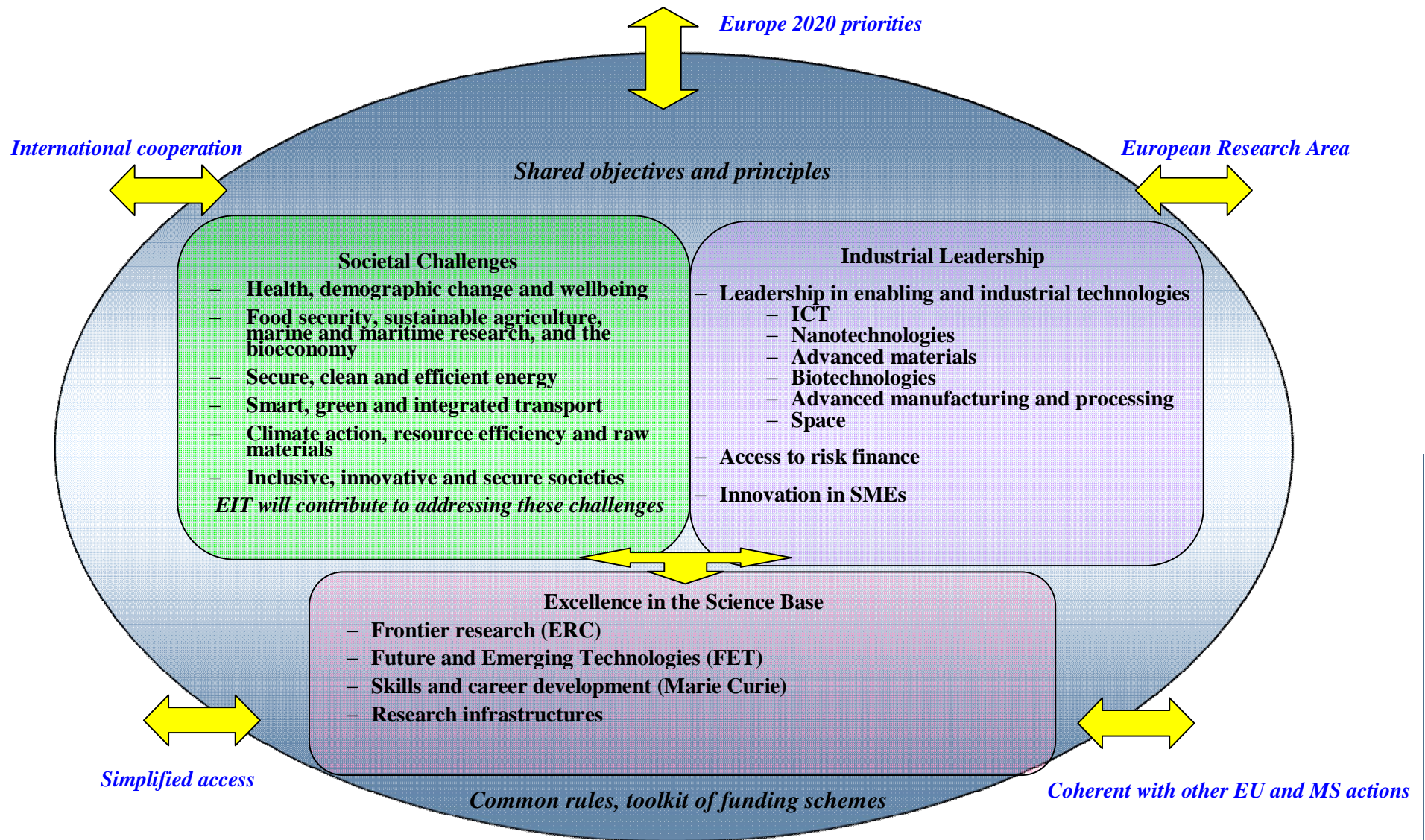
**Specific Programme Implementing Horizon 2020
Framework Programme for Research and Innovation
(2014-2020)**

Maria da Graça Carvalho

Guimarães, 11 Maio 2012

Horizon 2020

3 Pillars



Horizon 2020

Excellent science

- **Excellent science proposed funding
(million euro, 2014-20)**

European Research Council	13.268
Future and Emerging Technologies	3.100
Marie Curie Actions	5.572
Research Infrastructures	2.478

Horizon 2020

Industrial leadership

Industrial leadership proposed funding (million euro, 2014-20)

Industrial leadership and key enabling technologies (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)	13.781
Access to risk finance	3.538
Innovation in SMEs	619

Horizon 2020 Societal Challenges

Societal challenges proposed funding (million euro, 2014-20)

Health, demographic change and wellbeing	8.033
Food security, sustainable agriculture, marine and maritime research & the bioeconomy	4.152
Secure, clean and efficient energy	5.782
Smart, green and integrated transports	6.802
Climate action, resource efficiency and raw materials	3.160
Inclusive, innovative and secure societies	3.819

Energy in Horizon 2020

3. SECURE, CLEAN AND EFFICIENT ENERGY

3.1. Reducing energy consumption and carbon footprint through smart and sustainable usage

3.2. Low-cost, low-carbon electricity supply

3.3. Alternative fuels and mobile energy sources

3.4. A single, smart European electricity grid

3.5. New knowledge and technologies

3.6. Robust decision making and public engagement

3.7. Market uptake of energy innovation, empowering markets and consumers

- **Funding programme well structured and accessible for all**
- **Efficient and appropriate funding mechanisms**
- **Excellence across all Horizon 2020 and “Stairway to Excellence”**
- **Synergies and complementarities with Structural Funds**

**Thank you
for your attention**

www.gracacarvalho.eu

[mariadagraca.carvalho@
europarl.europa.eu](mailto:mariadagraca.carvalho@europarl.europa.eu)

