

The logo for EUROFED, consisting of the word "EUROFED" in a bold, white, sans-serif font, positioned in the top left corner of the slide. The background of the top section is a blue gradient with a view of the Earth's horizon from space.

EUROFED

Horizon 2020
RESEARCH AND INNOVATION

Horizon 2020

Laurent Ghys
Pascale Van Dinter
Kristof Vlaeminck

<http://eurofed.stis.belspo.be/>

Agenda

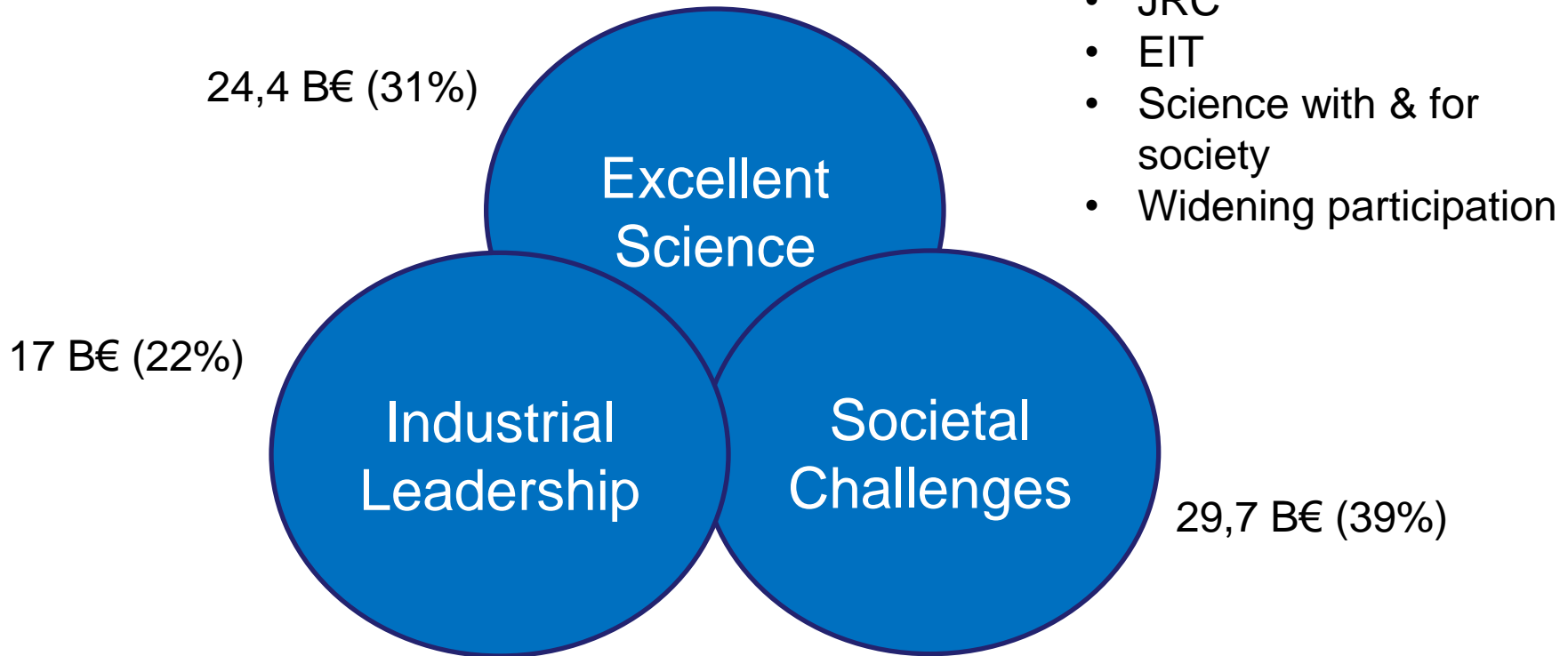
1. General presentation Horizon2020
2. Funding instruments Horizon 2020
3. Programme Committees in Belgium
4. Q&A

1. Horizon 2020

What is Horizon 2020?

- New Framework Programme for Research and Innovation for 2014-2020 (75 billion €)
- Financial instrument to implement the Innovation Union
- Coupling research to innovation
- Challenge based

3 pillars



Excellent Science

- **European Research Council (ERC)**
Frontier research, all fields of science, all nationalities
- **Marie-Sklodowska-Curie actions (MSCA)**
Training and career development
- **Future and Emerging Technologies (FET)**
Collaborative research to open up new and promising fields of research & innovation
- **European Research Infrastructures (RI)**
Ensure access to world-class RI (incl. e-RI) in EU and beyond

Industrial Leadership

- Leadership in enabling and industrial technologies (LEIT)
 - Information and Communication Technologies (ICT)
 - Nanotechnologies, advanced materials, advanced manufacturing & processing
 - Biotechnology
 - Space
- Access to risk finance
- Innovation in SMEs

Societal Challenges

- Health, demographic change and wellbeing
- Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Secure Societies

2. Funding instruments Horizon 2020

Funding Instruments

Funding actions	Funding rates
Research and Innovation action	100 %
Innovation action (close to market) <i>funds new, modified or improved products, processes or services</i> <i>- creating prototypes, tests, demonstrations, pilot projects, large-scale product validation and developing marketability</i>	70 % 100 % for NPOs
Co-ordination and support action	100 %
European Research Council (ERC)	100 %
Marie Skłodowska-Curie action	100 % (except Co-fund)
SME Instrument	70 %

New!

New!

Funding actions	Goals
Prizes <i>New!</i>	<ul style="list-style-type: none">• To create incentive investments in research and development in specific areas• Awards based on results• Uncomplicated procedure for granting funds
Fast Track to Innovation <i>New!</i>	<ul style="list-style-type: none">• Speeding up the development of technologies towards innovative products, processes and services• Increasing private investment in R & I
Pre-Commercial Procurement – Co-fund (PCP)	<ul style="list-style-type: none">• Co-financing research and development in innovative products and services that are not yet on the market
Public Procurement of Innovative Solutions (PPI) – Co-fund	<ul style="list-style-type: none">• Co-financing to procure innovative products and services that are already on the market or have just been launched onto the market
Various other Co-fund <i>New!</i>	<ul style="list-style-type: none">• Co-financing (e.g. ERA-NET procedures, Fellowship programme etc.)

Funding partners from third countries



- **Differentiation according to country groupings**
- Funding, if specified in the **Work Programme**
- **„Industrialised States“, BRIC and Mexico**
=> no automatic funding, except in the case of:
 - ✓ Funding as specified in the Work Programme or
 - ✓ Participation is essential for the realisation of the project or
 - ✓ Existing bilateral agreement

Open Access

Scientific (peer-reviewed) publications:

- **Open Access as a basic principle** („green“ or „gold“)
- **No “obligation to publish“!**
- beneficiary must aim to deposit research data needed to validate the results
- OA costs are eligible for the duration of the project.

Research data:

- **Pilot “open Research Data Pilot“**

More information

Horizon 2020 Webpage (EC)

<http://ec.europa.eu/programmes/horizon2020/>

Reference documents (eg. RfP, Model GA, manuals aso):

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html

Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

3. Programme Committees in Belgium

Tasks Programme Committee

- Read and understand information from EC
- Communicate information to target group and stakeholders in Belgium
- Organise the concertation
- Defend a “national” position

The concertation at European level (1/3)



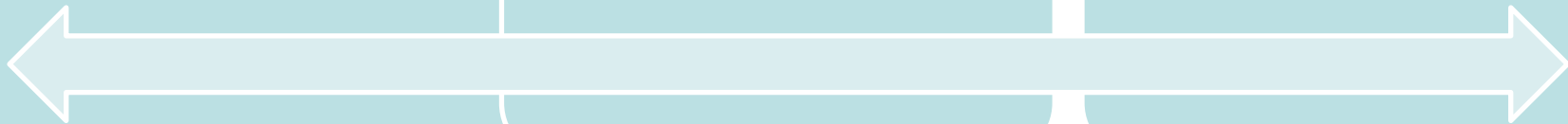
Excellent
Science



Industrial
Leadership



Societal
Challenges



**Horizontal configuration: coherence across the different parts
of the programme and cross-cutting issues**

The concertation at European level (2/3)

- 1. Horizontal configuration: coherence across the different parts of the programme and cross-cutting issues**

EXCELLENT SCIENCE PILLAR

- 2. ERC, MSCA, FET**
- 3. Research infrastructures**

INDUSTRIAL LEADERSHIP PILLAR

- 4. ICT**
- 5. Nanotechnologies, Advanced materials, Biotechnology, Advanced manufacturing and processing**
- 6. Space**
- 7. SMEs and Access to Risk Finance**

The concertation at European level (3/3)

SOCIETAL CHALLENGES PILLAR

8. Health, demographic change and well being
9. Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research
10. Secure, Clean and Efficient Energy
11. Smart, Green and Integrated Transport
12. Climate Action, Resource Efficiency and Raw materials
13. Inclusive, Innovative and Reflective societies
14. Secure Societies – Protecting Freedom and security of Europe and its citizens

- eurofed@stis.belspe.be
- Pascale Van Dinter
pascale.vandinter@stis.belspo.be
- Laurent Ghys
laurent.ghys@stis.belspo.be
- Kristof Vlaeminck
Kristof.vlaeminck@stis.belspo.be

- Website: <http://eurofed.stis.belspo.be/>
- Subscription newsletter:
<http://eurofed.stis.belspo.be/eurofed.asp?id=s02&pg=subscribe&srv=1&lang=en>
- Twitter: @Eurofed_H2020

4. Questions and Answers