



Accelerating Innovation and Impact in Europe – Shaping expectations and priorities for the newt EU Framework Programme

**Annual SusChem Stakeholder Event
Brussels
8th June 2017**



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European Commission**



The Chemical industry

- ❑ **The European Chemical Industry accounts for a significant share of the world sales (14.7% of the world sales in 2015)**
- ❑ **Wealth creation:** accounts by itself for 1.1% of the EU GDP (industry altogether accounts for around 15%)
- ❑ **1.2 million direct jobs**
+ up to three times as many indirect jobs
- ❑ **Extra EU trade surplus:** € 44,8 billion in 2015
- ❑ **Strong drive for innovation:** € 20.7 billion investment in 2015, including R&D spending of around € 8.3 billion (average 2005-2015)

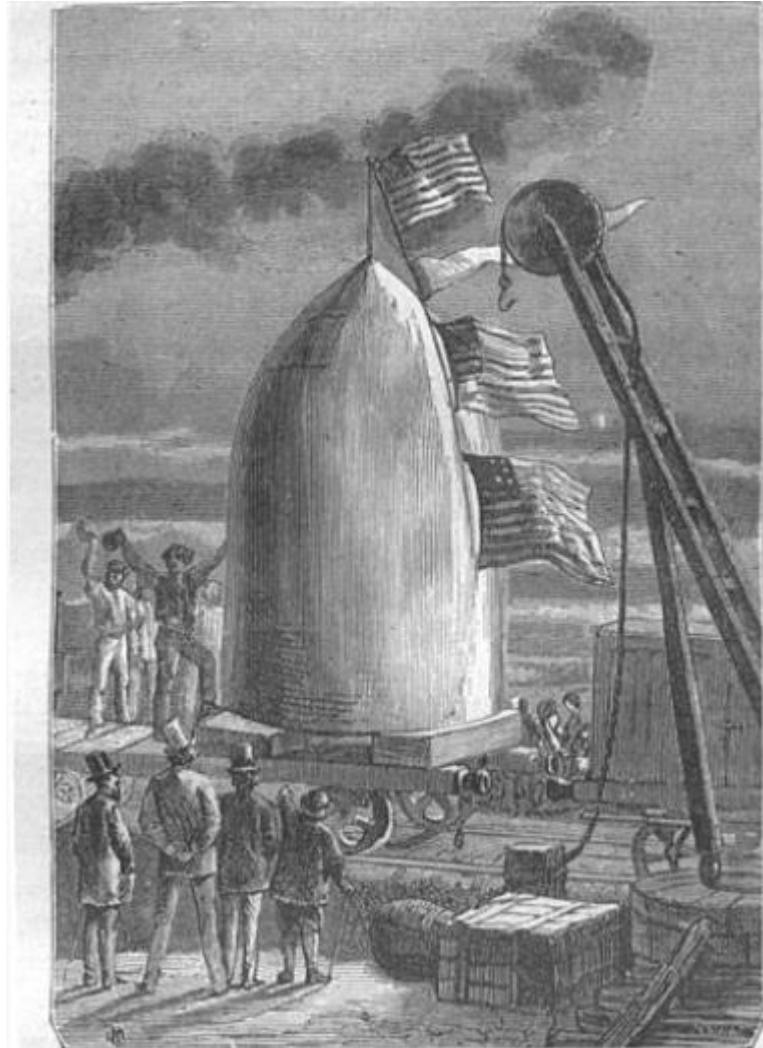
Source: EUROSTAT

The past



European
Commission

1865





10 Key messages from the stakeholder consultation



High satisfaction with the programme



Increased budget is needed

and programme oversubscription is an urgent issue.



Fosters **excellence**

and should continue to be excellence based.



Should better address citizens needs



Should further support market-creating innovation

but at the same time there should be balance between research and innovation.



10 Key messages from the stakeholder consultation

— **Simplified**, cost of participation is lower than in previous programmes but further simplification is needed.



Combined research and innovation programme better addresses stakeholder needs. But funding landscape remains **complex** to understand and needs to be rationalised.



Collaborative projects are the key and most relevant feature of the programme



Some aspects of the **evaluation process** could be further improved.



Brings **EU added value** through unique opportunities to collaborate, access new knowledge and know-how and financing of projects which otherwise would not be supported.

Present Horizon

(3/3)



ATTRACTIVE AND WELL- PERFORMING



EUR 20.4 billion
allocated

11,108 projects

Only 1 out of 4
high-quality proposals
funded

EUR 62.4 billion
more needed to fund
them all

BUT UNDERFUNDED

HIGH LEVEL OF OVERSUBSCRIPTION

Success rates dropped to **11.6%**
compared to **18.4%** in FP7

33,000 proposals submitted per year
compared to **20,000** in FP7

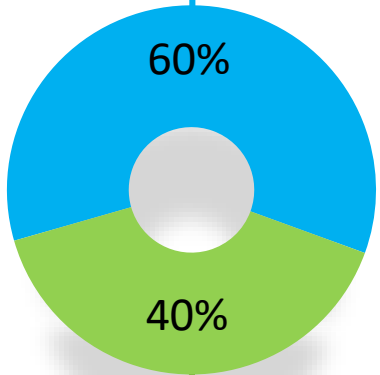


NMBP 2018-2020

Priorities

Bringing the digital to the physical world

Industry 4.0



Circular Economy (20%)

Climate, Energy (20%)

Climate, Energy and the Circular Economy

Calls

FOUNDATIONS
for tomorrow's industry
(~395M€)

TRANSFORMING
European industry
(~525M€)

Industrial SUSTAINABILITY
(~665M€)

Impacts

→ Eco-system for design/testing/upscaling

→ Global industrial leadership for re-industrialisation

→ Less energy input, more energy/ resource efficiency



"FP9"

1) *Known-known: FP*

2) *Known-unknown*

- ✓ **Money**
- ✓ **Structure**
- ✓ **Scope**
- ✓ **Implementation**
- ✓ **Funding rates**

3) *Unknown –unknown*

- ✓ **The name**
- ✓ **UK**
- ✓ **Crises**
- ✓ **...**

Indicative timeline

2016

- Launch of foresight study
- Public consultation on H2020 Interim Evaluation (20/10- 15/01/17)

2017

- Public consultation on the Impact Assessment (IA) for the successor FP (tbc)
- "Lamy group" Report (3rd July)
- Foresight final report (Oct)
- H2020 Interim evaluation concluded (Oct)
- H2020 WP 2018-2020 (Oct-Nov) (bridging towards FP9)
- Next MFF Commission proposal (Dec, tbc)

2018

- Successor Framework Programme Commission proposal



HORIZON 2020

Interim evaluation

http://ec.europa.eu/research/index.cfm?pg=newsalert&year=2017&na=na-300517&pk_campaign=policy_newsletter

HORIZON 2020:

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

Industrial technologies Research and Innovation:

http://ec.europa.eu/research/industrial_technologies/index_en.cfm