



The EU Framework Programme for Research and Innovation

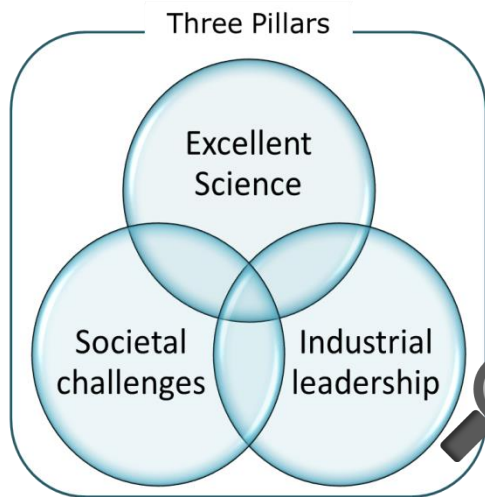
HORIZON 2020

Industrial Technologies SP3 for Industrial Modernisation



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Horizon 2020, Industrial Leadership, NMBP



Indicative budget:
75 billion €



Indicative Budget:
16.5 billion €



- **Nanotechnologies**
- **Advanced Materials**
- **Biotechnology**
- **Advanced Manufacturing & Processing**

Work Programme and calls published on the Participant Portal:

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

NMBP KETs - Work Programme 2017 – Open Calls

Public-Private Partnerships – 16 topics – 223,17 M€

- *Factories of the Future (FoF)* : 5 topics – 86,18 M€
- *Energy-efficient Buildings (EeB)* : 4 topics – 54,88 M€
- *Sustainable Process Industry (SPIRE)* : 7 topics – 82,11 M€

Deadline (single stage) : 19 January 2017

NMP – 21 topics – 205,87 M€

- *Nanotechnologies, Advanced Materials, Advanced Manufacturing & Processing*
Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**
- *NMP Coordination and Support Actions (CSA)*

Deadline (single stage) : 21 January 2017

Biotechnology – 3 topics – 48 M€

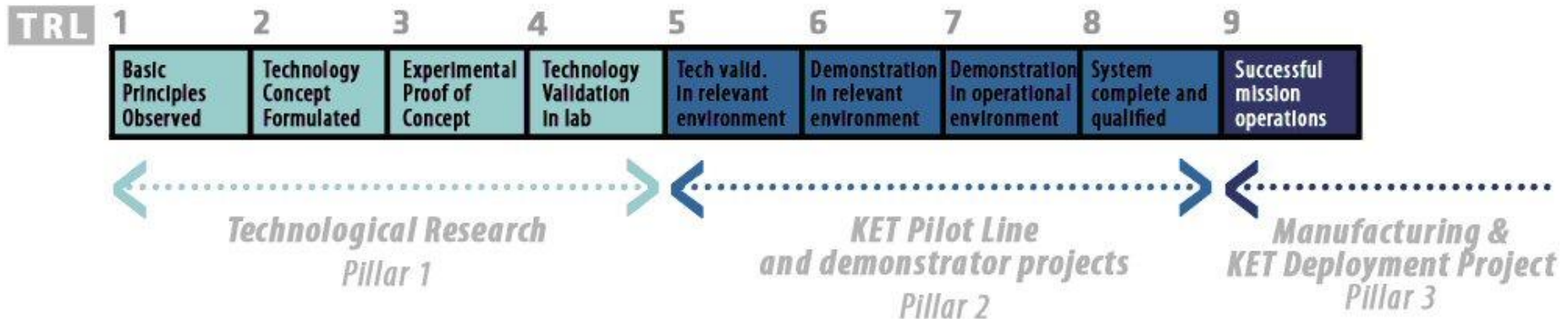
Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**

Pilots – 3 topics – 48,66 M€

Deadline (two stage) : 27 October 2016 (1st stage) – **4 May 2017 (2nd stage)**

LEIT - Technology Readiness Levels (TRLs)

- Targets TRLs starting from 3-4 up with a centre of gravity on 5-6 aiming at 7
- **Highest TRLs for cases with a strong industrial commitment**



Beyond TRL 7: Explore paths to commercial exploitation, to deploy technologies funded under Horizon 2020



NMBP Nanotech Pilots & SP3 Platform

- WP 2014/15: **24** projects, **138 M€** funding
- **58%** of participants are from **industry**
- **34%** are **SMEs**, receiving **44 M€** in funding
- **70 pilot lines** are being developed within the 24 projects
- WP 2016/17: **12** new projects, **80M€** additional funding

European Pilot Production Network

February 2017 Workshop

EU-GREAT!

European guide and recommendations for the combined funding of large-scale RDI initiatives



Objectives

To identify the key issues combining different funding mechanisms to support scale up of research into commercial manufacturing in LSIs.

To support and guide the EC in designing and delivering further actions to facilitate synergies among public (ESIF and H2020 at EU level, national and regional levels) and private funds.

Expected impact

To further initiate the development of these LSIs, using a combination of different funding mechanisms.

National, regional public authorities, private stakeholders, industry, research organisations will benefit from these recommendations.





Thank You!

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