2017 EU PROCESS INDUSTRY CONFERENCE

A look to the future framework

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Peter Dröll, Director
Industrial Technologies Directorate
DG Research and Innovation
European Commission
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- **Climate, Energy and the circular economy**
  - Connecting economic and environmental gains the Circular Economy (23%)
  - Building a low-carbon, climate resilient future (17%)

- **Bringing the digital to the physical world**
  - Digitising and transforming European industry and services
    - including innovation testbeds to bring nanotechnologies closer to markets

- **Calls**
  - SPIRE
    - Around 320 M€

- **Transforming European Industry**
- **Industrial Sustainability**
- **Foundations for Tomorrow's Industry**
SPIRE calls for 2018-2020

- Provide major momentum to R&I across the process industry sectors with 320 M€ in calls only from NMBP.
- Build on the positive results achieved so far, aiming at large scale demos and prompt industrial deployment.
- Target breakthrough gains across the process industry, through industrial symbiosis, recycling and recovery.
- Support the development of smart retrofitting concepts to improve performance of existing large scale installations.
- Enable the shift to renewable electricity (e.g. electrification).
"LAB – FAB – APP"- Lamy Report- Future needs

• Increase European R&I budget compared to Horizon 2020.

• We excel at producing scientific knowledge in Europe, but we are not good at getting economic growth out of science.

• Europe has an innovation deficit compared to global trading partners.

• Major technological and economic changes, and the urgency of global challenges, require immediate action.

• The post-2020 EU R&I framework programme must maximise its EU added value & impact (for science, the economy, society and citizens).
Contractual Public-Private Partnerships

Strengths:
• Well established: from 3 to 10 cPPPs, 7.1 billion EUR investment.
• Flexible and easy to set up. Full application of Horizon 2020.
• Major industrial participation (including SMEs).
• High level of openness and transparency in participation

Challenges:
• Part of future debate on streamlined landscape of instruments
• Involvement of Member States and society
• Clear and measurable KPIs
• Attract newcomers

⇒ Interim evaluation to be presented at the "Industrial Innovation Information Days", Brussels 3 and 4 October
FP9 – Missions - Partnerships

• **Lamy report (rec. 5):** Adopt a mission-oriented, impact-focused approach to address global challenges.

• **How they could look like:**
  • Have high EU added value, setting a direction.
  • Clear R&I focus, citizen priorities, final user relevance.
  • Ambitious: Transformative, inclusive, leveraging large-scale investments by different actors.

• **Essential elements:**
  • Strategic agenda, aiming at 2030 objectives.
  • Clear milestones and KPIs (inbuilt monitoring).
  • Allow joint action with EU and national funding.