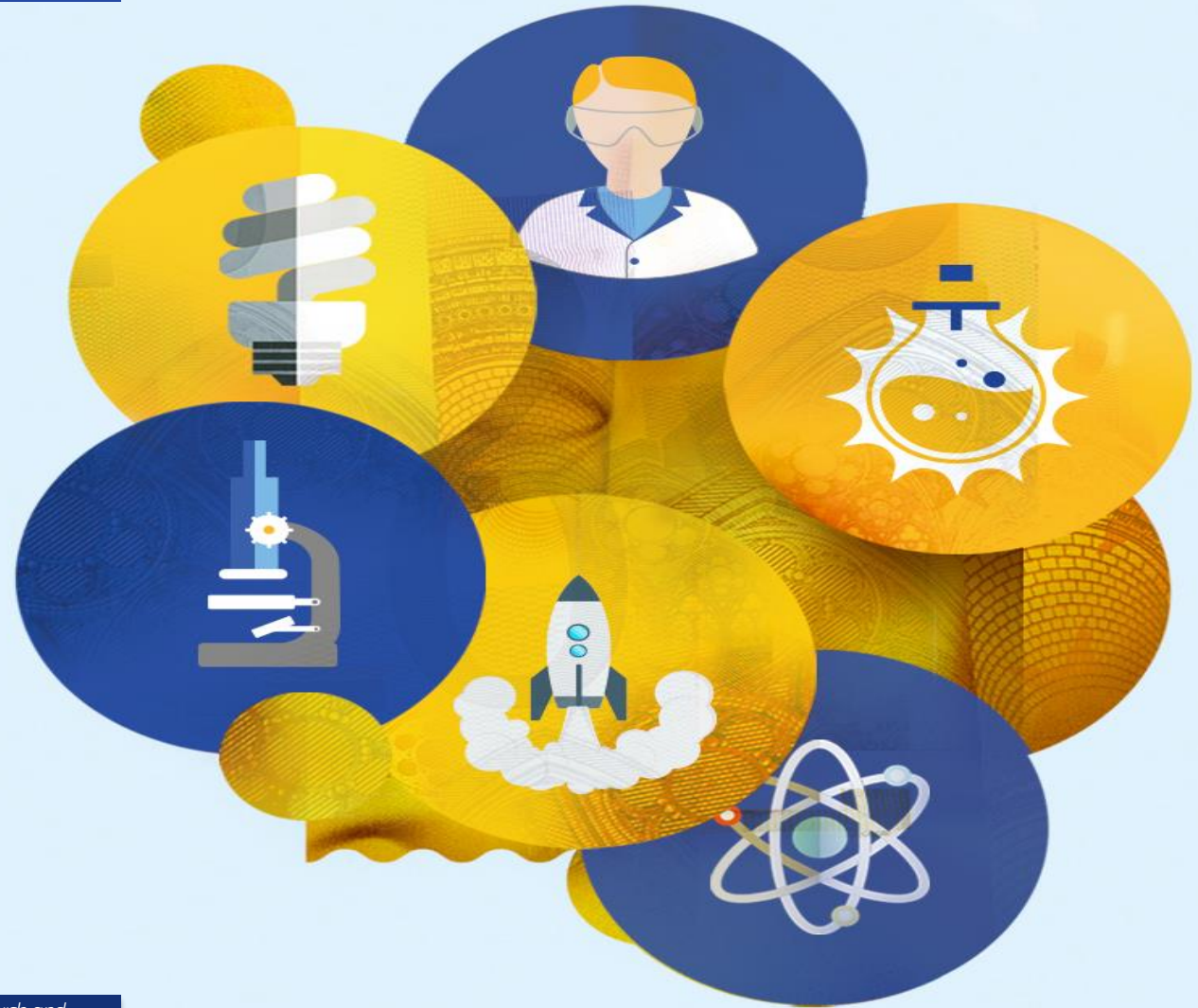# Horizon Europe

Stakeholder workshop: Shaping how Horizon Europe is implemented

Parallel session stream I: "Capturing data and knowledge for efficient dissemination and exploitation and for Impact pathways"

#HorizonEU

Ioannis Sagias and Nelly Bruno

D&E in Horizon Europe

Increased importance given to D&E

Better D&E → More Impact → Improved value of R&I funding*

…and we have to ensure it

- ➢ **Dissemination is a specific objective for all measures**
- ➢ **D&E in FP**
  - • Information, communication, publicity and D&E
  - • Calling for a comprehensive D&E strategy
- ➢ **FP and SP annexes on D&E**
  - • Demonstrate the impact and maximise the European added value of the FP
  - • Dissemination of clusters of mature results to EU regions
  - • Accelerate exploitation towards market uptake
- ➢ **Delivery mechanism**
  - • Contractual obligations of beneficiaries for D&E reporting during and after the project
  - • Encourage the third party exploitation

Why does it not always happen?

From the side of the project/beneficiaries

- Perceiving D&E as "tick boxes", not important for the "real work" of the project (research)

- Focusing on implementing VS aligning work with the needs of users and stakeholders

- Lack of skills (or interest) to consider or share the value and possible benefits of the results for wider society

- Lack of knowledge of dissemination and exploitation risks and opportunities

- Not (yet) truly part of the project design

- Often interpreted as an activity after the project lifetime

From the side of the Commission

- The current reporting on D&E is not fit for the purpose

- Sketchy and sometimes confusing data collection fields

- No follow up on the project results after the end of the project

Paving the way for Horizon Europe

➢ Deliver the D&E strategy under H2020 and pilot activities for Horizon Europe

➢ Increase intelligence on the results data we receive from R&I projects

➢ Complete the FP data with data coming from other sources

➢ Cluster results in all areas of the FP and make them available in structured way to all interested parties

➢ Support and advice the beneficiaries on the potential uptake of their results

➢ Create a framework that can serve synergies of Horizon Europe with other EU initiatives on the R&I results

The Dissemination & Exploitation Strategy for H2020 results

- To create the necessary **incentives for FP beneficiaries and innovators** to share their results and data for use and reuse

- **To cluster mature research results** and make them available **for Member States and EU regions** for potential uptake

- **Provide holistic support** throughout the dissemination and exploitation lifecycle **for accelerating knowledge circulation in Europe**

- **4 strategic objectives:**

    - Objective 1: **capture** R&I **data and results** and **make them available**

    - Objective 2: further the **uptake** and **use of** R&I **results**

    - Objective 3: use R&I data and **results for policymaking**

    - Objective 4: enable the **demonstration of** the **impact** of the R&I framework programme

Tools for D&E for H2020 results

- ✓ Common Dissemination & Exploitation Booster

- ✓ H2020 Dashboard

- ✓ Projects for Policy (P4P)

- ✓ Innovation Radar (IR)

- ✓ Tracking of research results (TRR)

- ✓ Horizon results platform (coming)
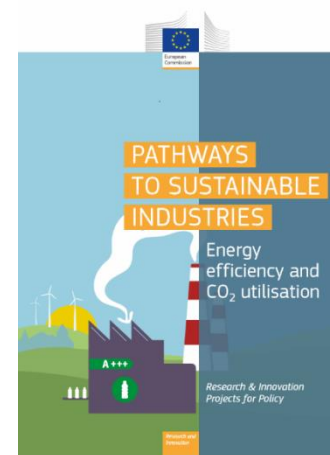
Common Dissemination & Exploitation Booster

➢ A free service for H2020 beneficiaries to support them in their D&E activities
➢ 2 pilot boosters for Common Exploitation Booster (CEB) -closed, and Common Dissemination Booster (CDB) -ongoing
➢ Beneficiaries applied to a call for interest
➢ Free tailor made consultancy services to increase the impact of D&E efforts

✓ New procurement in progress (4-yrs FWC) offering number of similar and new types of D&E services to beneficiaries

✓ New calls for expression of interest to open in 2019

The H2020 Dashboard

✓ Frequently refreshed, one click stop shop for H2020 data

✓ Modern visual analytics (data discovery tool)

✓ Complete picture (data on proposals, projects and results)

✓ External DB through Participant Portal

H2020 Implementation

Consolidated information regarding H2020 subscription and success rates, namely H2020 proposals and applicants to the calls of interests as well as ongoing and finalized investments - H2020 projects and participants.

Implementation »

H2020 Results

Results of the H2020 programme related to the different indices such as high impact publications, IPRs, dissemination activities and more. This section presents the aggregated information for the H2020 scientific reporting.

Results view »

H2020 KPIs

Information related to the monitoring of H2020 in the different parts of the programme including publications, patents, innovating organisations and innovation actions.
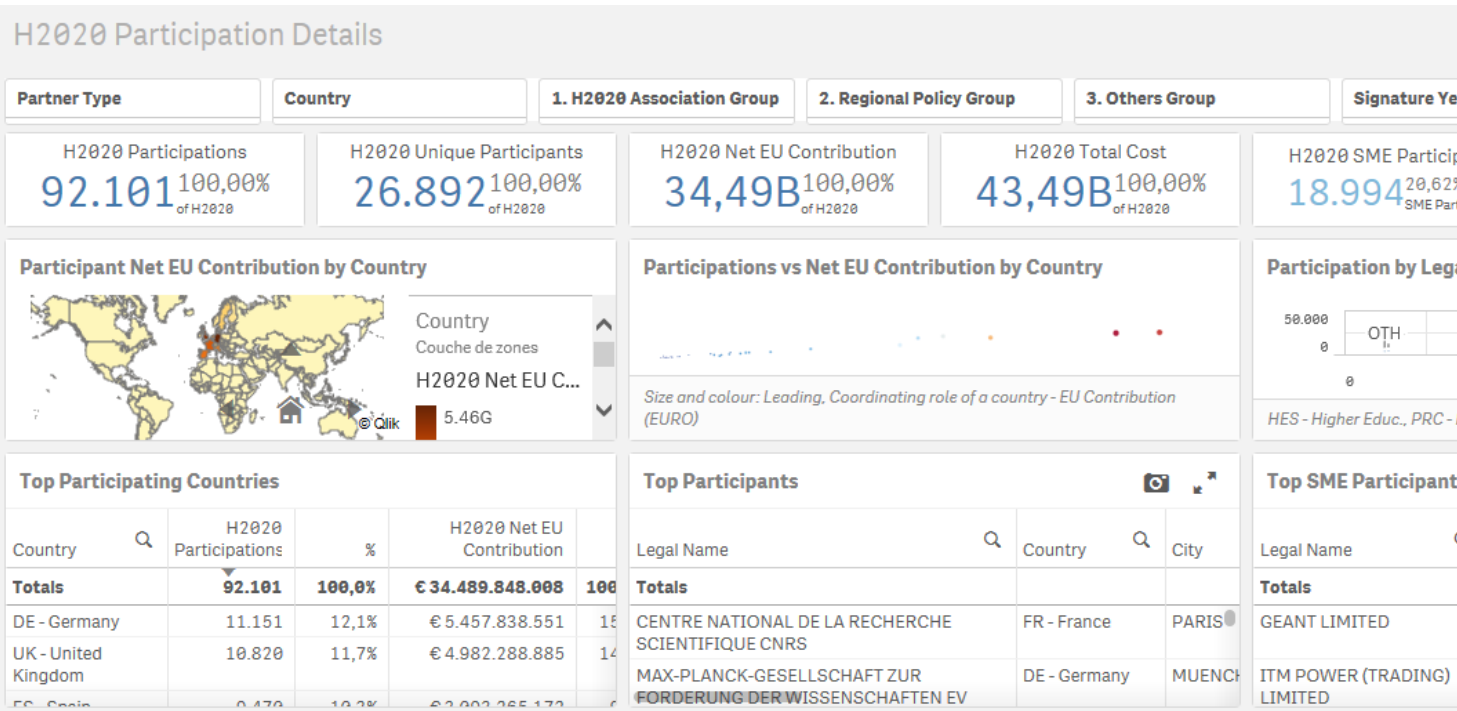
KPI view »

H2020 Thematic views

Thematic views for relevant H2020 research topic. This part of the dashboard focuses on the cross cutting issues (CCI), for the thematics like INCO, CLIMA, SME and other.

Thematic views »

https://ec.europa.eu/research/participants/portal/desktop/en/projectresults/index.html

8

Projects for Policy (P4P)

The objective is to create a systematic collaboration practice for R&I and policy actors with a supporting framework

Select a **timely and relevant policy topic**, for which R&I project results are likely to be found

Search and **analyse relevant project portfolio**, recognise results as evidence for policies

Develop **evidence-based policy recommendations** for thematic policies and R&I policies

Present in **short reports** targeted for policy makers in EC, EU institutions and Member States

Dialogue between R&I services and policy DGs

Collaboration between R&I services, Executive Agencies and Joint Undertakings

Collaboration between policy and project officers across all services

Dissemination towards policy makers and key stakeholders

PATHWAYS TO SUSTAINABLE INDUSTRIES

Energy efficiency and CO_2 utilisation

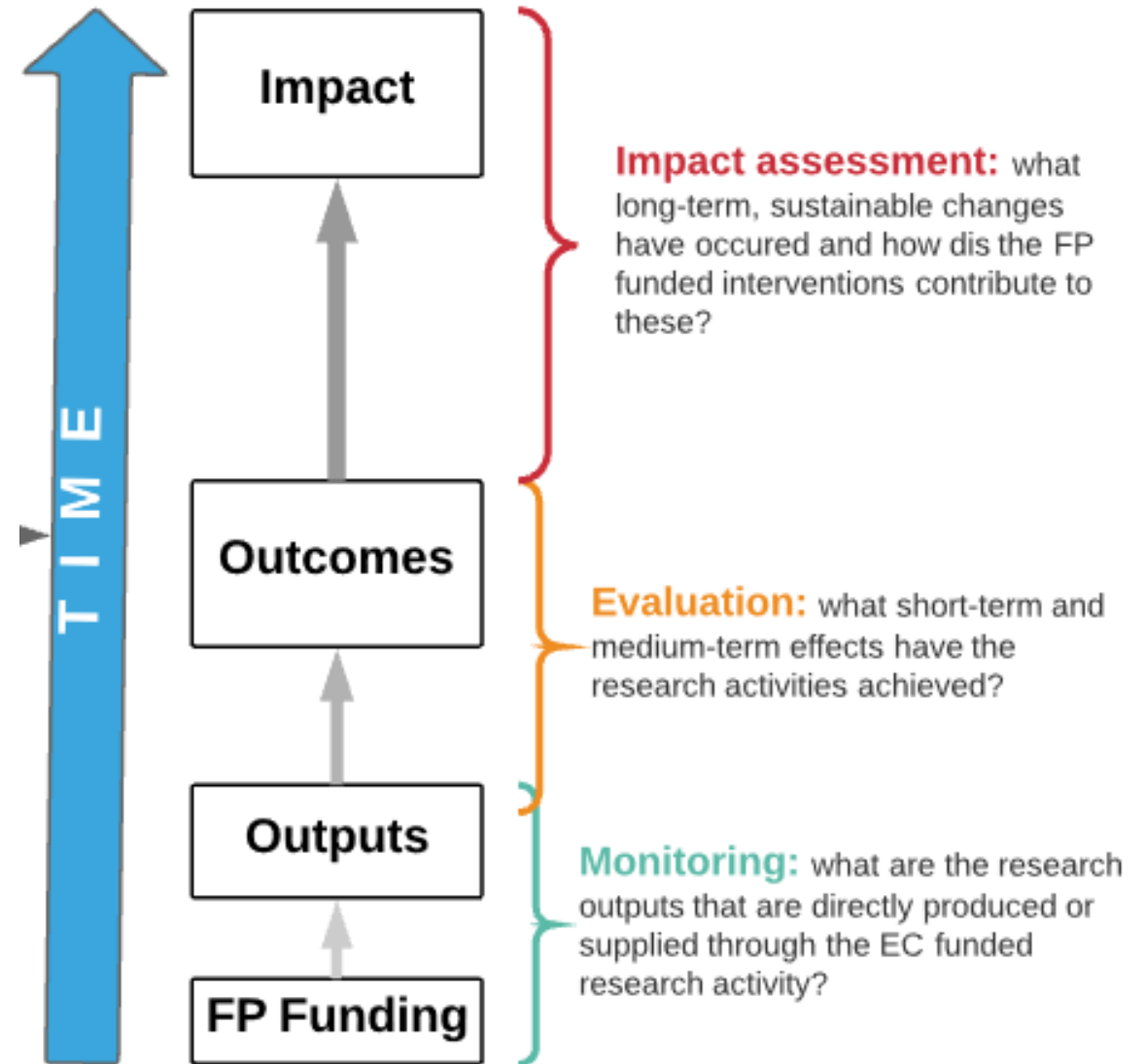*Research & Innovation Projects for Policy*
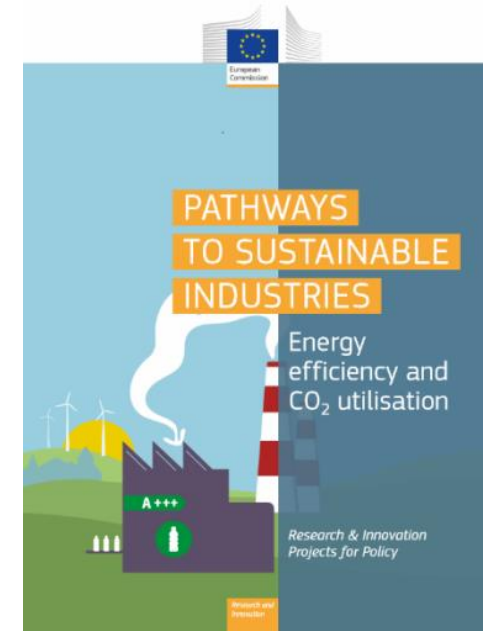
Innovation Radar (IR)

- ✓ A data-driven methodology to deliver intelligence on
    - ✓ **The innovations emerging from the projects**
    - ✓ **The innovators: who and where?**
    - ✓ **Market readiness: how can we help them to get to the market?**
- ✓ Structured systematic data without increasing reporting for beneficiaries nor POs
- ✓ Not topic-specific approach
- ✓ (*https://www.innoradar.eu*)

Tracking of Research Results

➢ The R&I **policy context** puts ever higher importance on better demonstrating and increasing the impact of the funded projects.

➢ The **long-term nature of R&I** and the time-lag between the intervention and the occurrence of any (intended, unintended, positive or negative) impact means that any research that ultimately has a significant impact will typically be undervalued in its immediate aftermath.

➢ The **EC collection of project data** is fit for monitoring only

Impact assessment: what long-term, sustainable changes have occured and how dis the FP funded interventions contribute to these?

Evaluation: what short-term and medium-term effects have the research activities achieved?

Monitoring: what are the research outputs that are directly produced or supplied through the EC funded research activity?

CORDIS/ EU Open Data Portal

➢ EC dissemination platform on FP funded research projects, publicly available

➢ Products and services offered:

  ✓ Publishable summaries for H2020

  ✓ Results Packs

  ✓ Enhanced Results in Brief

  ✓ H2020 public deliverables and Publications

  ✓ **New**: Patents (FP7, H2020), Investor packs, a renewed website with better visualisation and search functionalities

➢ Offers support for accessing Open Air results (search interface):

  https://data.europa.eu/euodp/en/data/dataset?q=cordis&ext_boolean=all&s

  ✓ The most downloaded datasets from the EU open data portal are the R&I projects data.

Horizon Results Platform

Why a platform?

" ... to turn the high volume and quality of its science and research results faster and deeper into innovations which generate value for economy and society" – **Pascal Lamy, when speaking of Europe's challenges and ambitions**

A Horizon results Platform is to be formally introduced under Horizon Europe (**Art. 35 in HE Commission proposal**, currently under negotiation with Council and Parliament.

Main idea is to make results of our beneficiaries **known** to a wide community and the public **and for these results to find uses**

What is the platform?

- Part of the D&E strategy 2018 – 2020

- In 2019 a Pilot of this platform will be developed as part of the F&T Portal. (hopefully by Sep/Oct 2019)

- In this Pilot, projects from Horizon 2020 will be encouraged to present their results

- *Results to be presented in visually attractive way (e.g. videos), and optionally with more in-depth content references*
- *Results to be searchable by sector, geography, keywords*
- *Beneficiaries (the authors of results) and external users (MS ministries, universities, EC Institutions, Investors, etc.) will be "matched" based on their declared "what I am looking for" declarations when registering in the platform.*

Questions to be discussed

1. The data collected in Horizon 2020 provide a <u>partial view on the dissemination & exploitation (D&E) activities of the projects</u>. It is not always clear to beneficiaries which information is requested. The Commission would like to modify the reporting requirements on D&E activities. What are your views?

2. Horizon Europe emphasises the need for beneficiaries to further <u>develop their D&E plan during and after the end of the project.</u> The Commission would like to introduce a D&E part of the reporting that continues after the end of the project. How can we best implement this?

3. <u>The Commission will facilitate third party exploitation through a pilot, the Horizon results platform</u>, as a place where results can be presented to potential users. How can this novel platform work in the best way?

4. For Horizon Europe the Commission proposes to <u>rely more on the collection of unique persistent identifiers of individual researchers and companies and improved harvesting of existing databases</u>. What are your views on the use of unique identifiers and how you believe such a system would best be implemented?

Thank you!

#HorizonEU

http://ec.europa.eu/horizon-europe

QUESTIONS & COMMENTS AFTER THE WORKSHOP:

EC-RTD-HE-IMPLEMENTATION@EC.EUROPA.EU

European Commission