

Commission proposal for **Horizon Europe**

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)

#HorizonEU

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European Commission, DG RTD
Research Working Party, 26 July 2018



1. LEARNING FROM HORIZON 2020 INTERIM EVALUATION



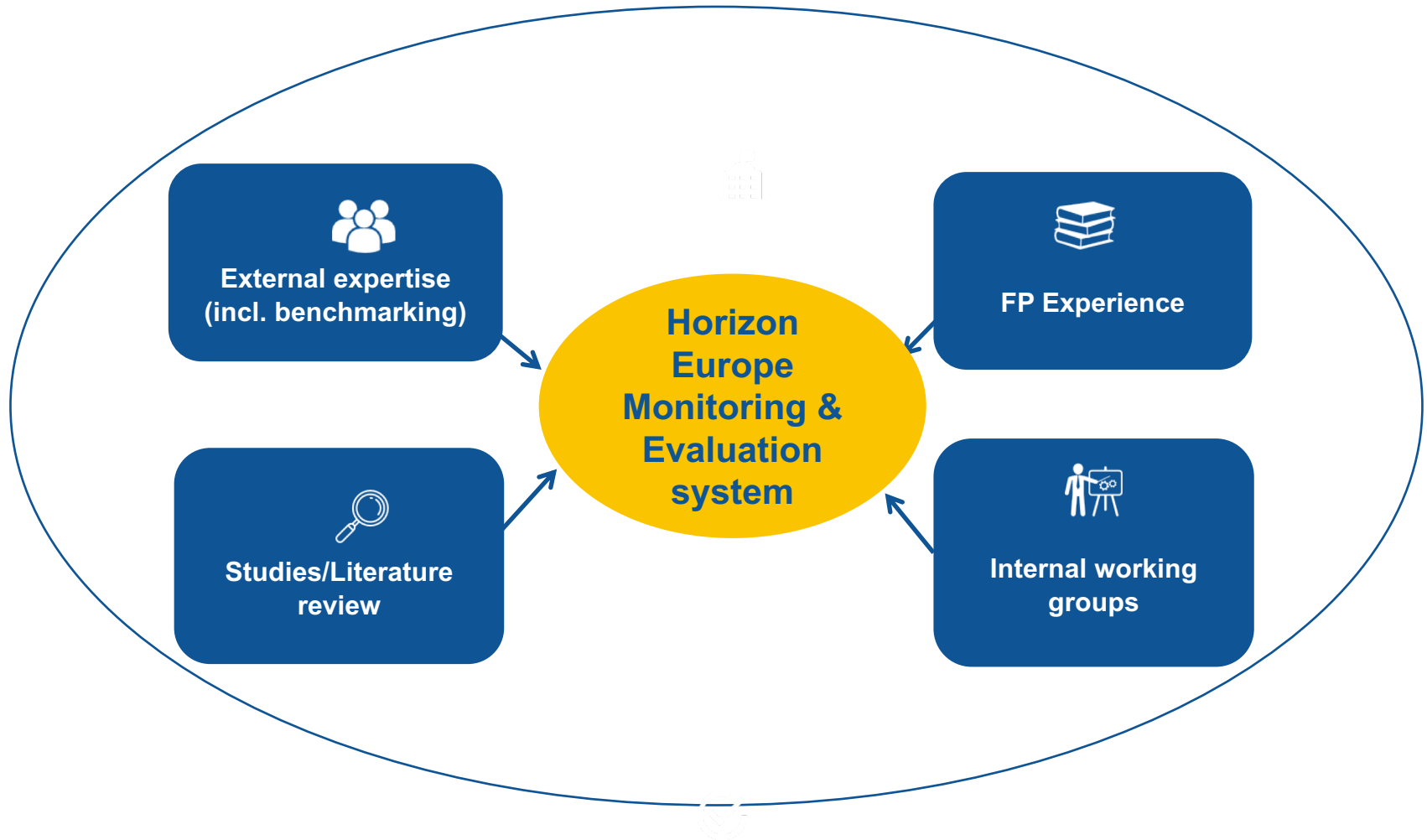
- **Specificity of research and innovation (R&I) investments:**
 - risky endeavor involving multiple trials and errors
 - spreading widely and unexpectedly into multiple domains & applications
 - providing invaluable solutions often in the very long term
- Need to be able to **tell the difference EU funding is making at any moment in time: tell the story** of the programme as a whole, according to its set of objectives
- Need **realistic** indicators to track progress in **short, medium** and **long term**
- Need **minimised burden** on participants, also after project ends
- **Need distinction** between management indicators & performance indicators

1. LEARNING FROM HORIZON 2020 INTERIM EVALUATION

The need for a systemic approach for more impact



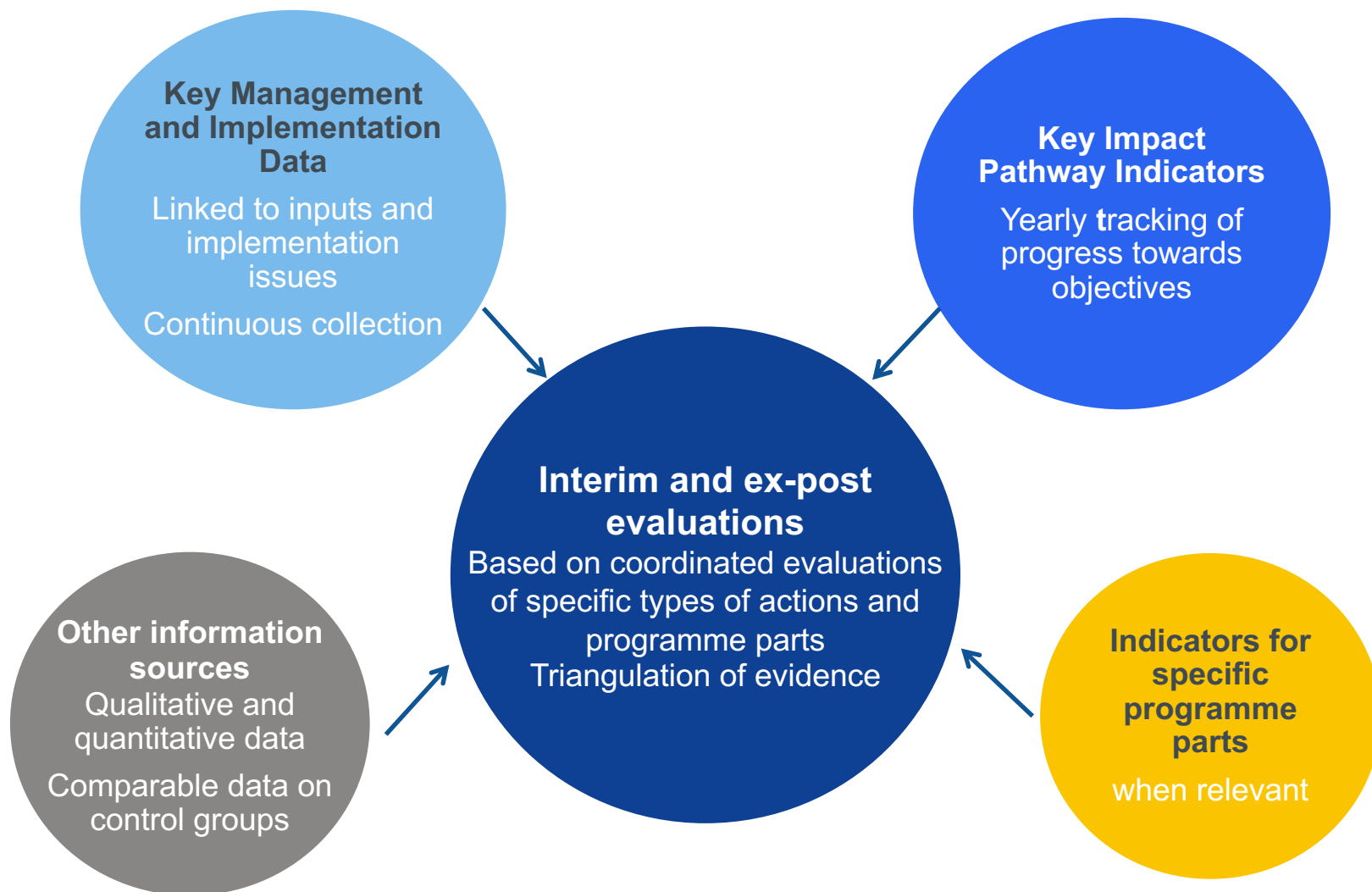
1. DEVELOPING THE PROPOSAL FOR HORIZON EUROPE MONITORING & EVALUATION SYSTEM



1. EVOLUTION FOR HORIZON EUROPE

Horizon 2020 system	Evolution for Horizon Europe
<ul style="list-style-type: none">▪ 3 headline indicators not directly attributable to the programme▪ 55 Horizon 2020 Key performance and Cross-Cutting issues indicators:<ul style="list-style-type: none">• 27 are related to management and implementation data (e.g. funding, participation)• 28 are related to outputs, results or impacts, out of which:<ul style="list-style-type: none">• none is related to the whole programme (covering only programme parts)• 9 relate to publications• 7 relate to intellectual property rights and innovations• 4 relate to leveraged funding• 4 relate to researchers' mobility and access to infrastructures	<ul style="list-style-type: none">▪ All Horizon 2020 indicators related to outputs, results and impacts are maintained but streamlined and further specified to cover the whole Programme▪ Management and implementation data are still collected and made available in close-to-real time through online Dashboard but are not part of “performance indicators”▪ Key indicators are set at Programme level according to the Programme objectives and are attributable to the Programme▪ Key indicators are classified according to 9 key impact pathways, for tracking impact through short, medium and long term indicators – for more accurate reporting over time▪ Higher reliance on external data sources, qualitative data and automated data tracking to minimise burden on beneficiaries▪ Possibility for programme part or action specific indicators (but not in the legal base)

1. HORIZON EUROPE MONITORING & EVALUATION SYSTEM - OVERVIEW



2. KEY MANAGEMENT & IMPLEMENTATION DATA

Data shall also be monitored on the profiles of beneficiaries and proposal evaluators:

- **Gender** balance (in projects, evaluators)
- **Role(s)** in project
- Share of **newcomers** to the Programme

Data shall also be monitored on implementation processes:

- Time-to-grant
- Time-to-pay
- Error rate
- Satisfaction rate
- Rate of risk taking

Data shall also be monitored on:

- The financial contribution that is **climate**-related

Data shall also be collected on:

- Communication of R&I results
- Dissemination of R&I results
- Exploitation and deployment of R&I results, including through monitoring the funding allocated for uptake of R&I results through the other proposals for the long-term EU budget.

3. TRACKING IMPACT IN HORIZON EUROPE

THREE TYPES OF IMPACT BASED ON OBJECTIVES



Scientific impact

Create and diffuse high-quality new knowledge, skills, technologies and solutions to global challenges



Societal impact

Strengthen the impact of research and innovation in developing, supporting and implementing EU policies, and support the uptake of innovative solutions in industry and society to address global challenges



Economic impact

Foster all forms of innovation, including breakthrough innovation, and strengthening market deployment of innovative solutions

3. TRACKING IMPACT IN HORIZON EUROPE

STRIVING FOR FURTHER SIMPLIFICATION

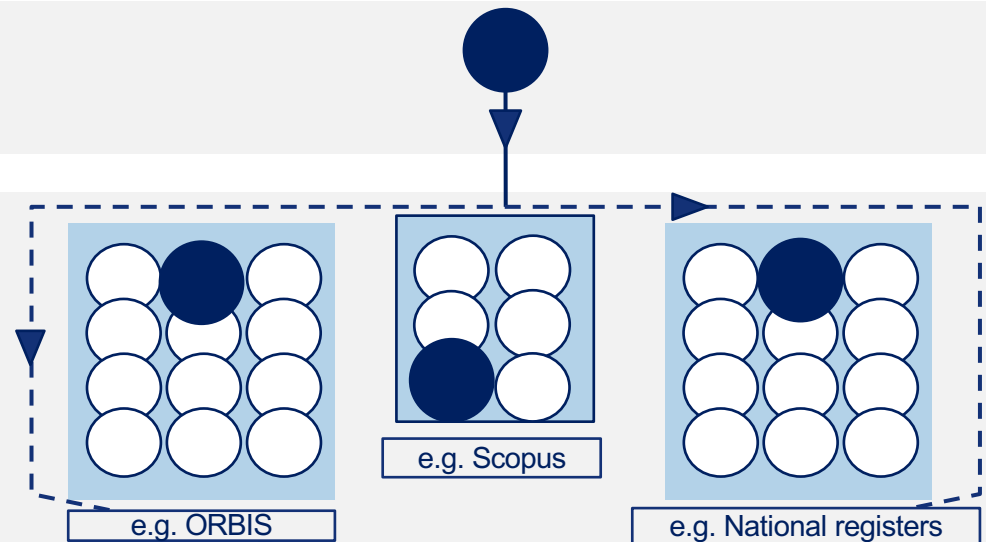
Towards the “Once-Only principle” in FP data collection

1. One-time collection of unique identifiers of researchers & companies

2. Linking to existing databases (internal/external)

e.g. business databases, publications, patents, trademarks

3. Tracking progress according to each impact pathway in the short, medium and longer term



Typically
As of YEAR 1+

Short term
(outputs)

Medium term
(results)

Typically
As of YEAR 3+

Typically
As of YEAR 5+

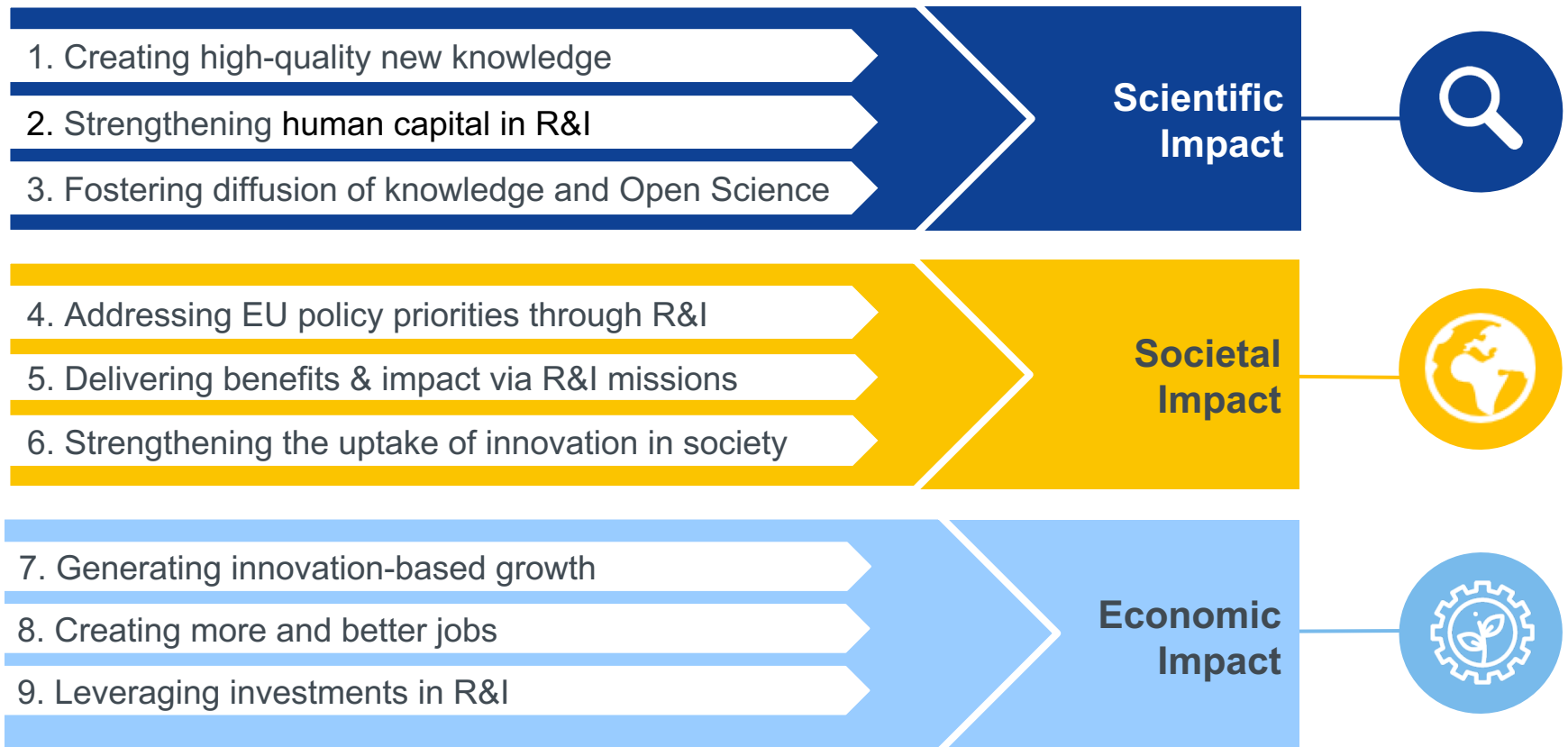
Longer term

Impact



3. TRACKING IMPACT IN HORIZON EUROPE

9 KEY IMPACT PATHWAYS TO TRACK PROGRESS





Q&A

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