



FP7 ex-post evaluation

Response of the European Commission

Robert-Jan Smits
Director-General for Research
and Innovation
European Commission

WU-Wien
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Context

Political context

Legal requirements

Better Regulation Requirements

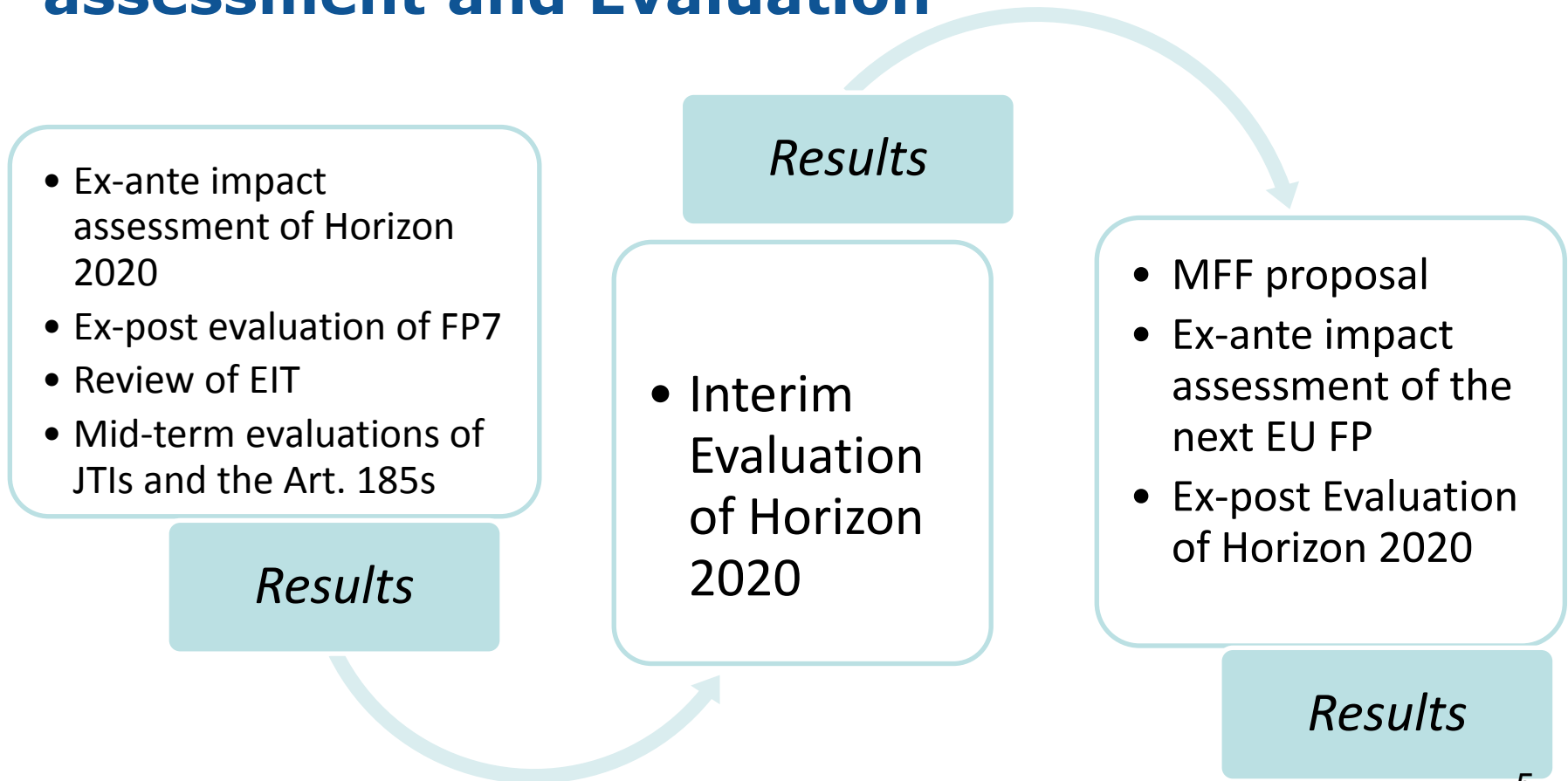
Political Context

- *"Make sure that every action we take delivers maximum performance and value added"* Jean-Claude Juncker
- **Budget for Results exercise**

Legal requirements

- Two years after the completion of FP7
- External evaluation by independent experts on
 - Rationale
 - Implementation
 - Achievements

Stronger links between Ex-ante impact assessment and Evaluation

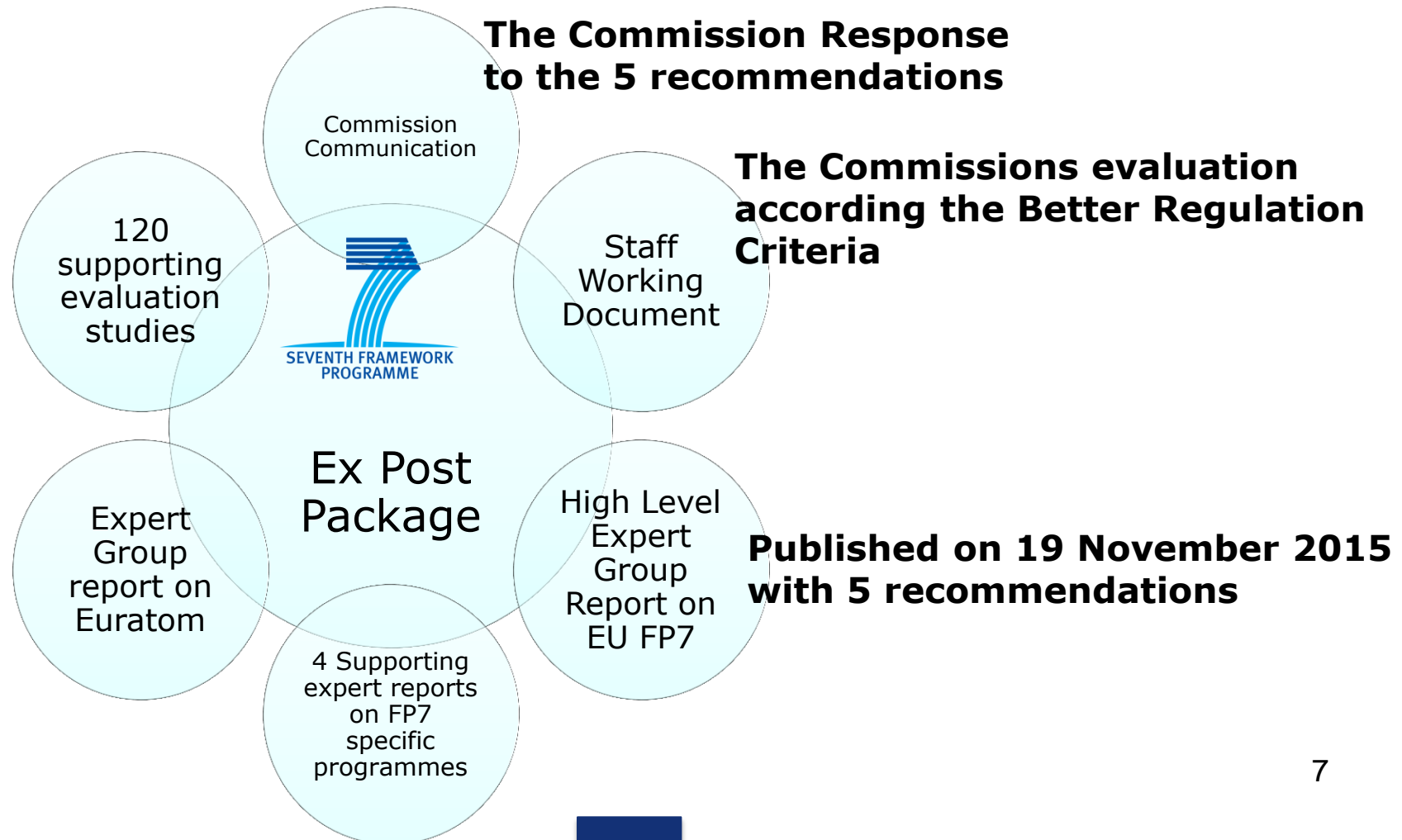


Better Regulation Requirements

New requirements for evaluations ("*Evaluate first*" principle):

- Public stakeholder consultation (online - February to May 2015)
- Staff Working Document – scrutinized by the Regulatory Scrutiny Board
- 5 mandatory evaluation criteria: Effectiveness, Efficiency, Relevance, Coherence and EU-added value

The FP7 ex-post evaluation package



Key findings of ex-post analysis of FP7



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JOB



130 000
research jobs/year

indirectly another
160 000 jobs/year



GROWTH



€500 billion
over 25 years

or

€20 billion
in additional annual GDP





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5 JOINT TECHNOLOGY INITIATIVES

Large-scale public-private partnerships boosted
EU-level industrial research and innovation

INNOVATIVE MEDICINES INITIATIVE

50+ consortia for biomedical
R&D, opening up routes to
commercialisation for SMEs

ENIAC

Nanoelectronics innovation,
e.g. for electric cars and
energy efficiency

ARTEMIS

Bringing industry and academia
together to develop new embedded
computing technologies



CLEAN SKY

Helped the aeronautics industry
turn demonstrator projects into
new products - tested two new
engine designs

FUEL CELLS AND HYDROGEN

Putting Europe at the forefront of
clean transport, deploying:

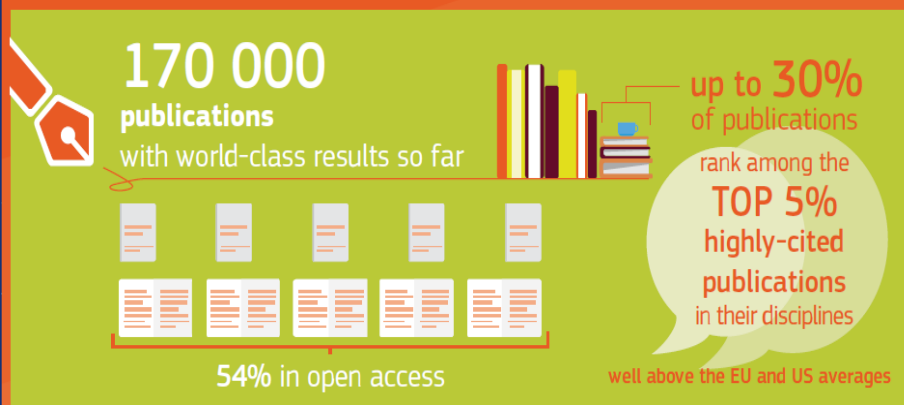
- 150 new types of cars
- 45 buses types
- hydrogen refuelling stations



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FP7 FOR EXCELLENT SCIENCE



170 000 publications with world-class results so far

up to **30%** of publications rank among the **TOP 5%** highly-cited publications in their disciplines

54% in open access

well above the EU and US averages

FUNDING FOR MANY AWARD-WINNING RESEARCHERS

Funding from the European Research Council included:

- 11 Nobel Laureates and 5 Fields Medallists

ERC funding excellent basic research

€7.7bn

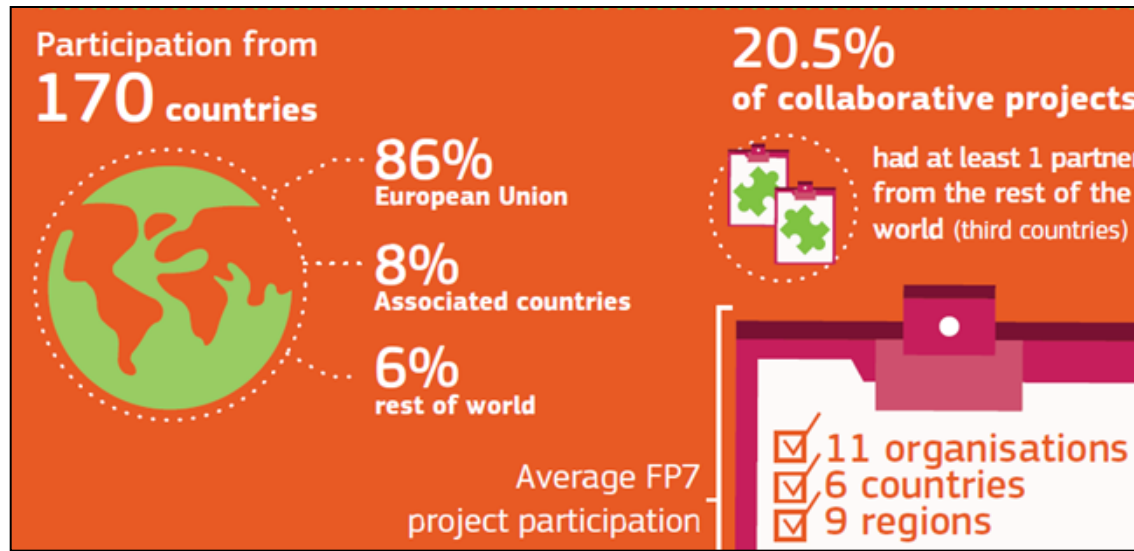
€4.8bn

Marie Skłodowska-Curie actions helped boost the careers and mobility of 50 000 researchers

46% of researchers coming to the EU from industrialised countries stayed in Europe after the end of their Marie Skłodowska-Curie fellowship



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Commission Response to the HLEG Recommendations

Response in two parts

- Most of the issues and recommendations raised by the High Level Expert Group are already being addressed in Horizon 2020
- In addition, the Commission will focus on specific further actions in the coming years

Recommendation (a): Ensure focus on critical challenges and opportunities in the global context

Issues already addressed in Horizon 2020:

- ✓ Focus on society's major challenges
- ✓ Boost of private sector participation, including SMEs

In addition, the Commission will:

- Support open innovation, open science and openness to the world
- Maximise synergies between different areas of research and innovation and new digital technologies
- Explore the idea of a European Innovation Council

Recommendation (b): Align research and innovation instruments and agendas in Europe

Issues already addressed in Horizon 2020:

- ✓ Support alignment of national research strategies
- ✓ Better coordination with EU regional funding

In addition, the Commission will:

- Help EU countries to reform their research and innovation strategies through the Policy Support Facility (PSF)
- Ensure that Commission proposals support innovation ('R&I tool' of the new impact assessment guidelines)

Recommendation (c): Integrate the key components of research funding more efficiently

Issues already addressed in Horizon 2020:

- ✓ Considers cross-cutting issues
- ✓ Effective coordination across the Commission in managing funding
- ✓ Consistent application of a single set of rules

In addition, the Commission will:

- Continue to identify and implement simplification measures

Recommendation (d): Bring Science closer to citizens

Issues already addressed in Horizon 2020:

- ✓ Better communication to the general public on science issues in general and on Horizon 2020 in particular

In addition, the Commission will:

- Strengthen open access to research publications and data
- Improve citizens involvement in defining research strategy and topics

Recommendation (e): Establish strategic monitoring and evaluation

Issues already addressed in Horizon 2020:

- ✓ Better monitoring and evaluation of funding through performance indicators
- ✓ Improved feedback loop from project results to policy making

In addition, the Commission will:

- Support Member States in the national evaluation of the impact of EU Framework Programmes
- Explore the use of new text and data mining tools

Conclusions

FP7 is on track to fulfilling its objectives, as well as creating strong economic impact for Europe.

The Commission will keep monitoring the impact of FP7 with half of the projects still ongoing, and much impact still to be reported.

These results will feed into the interim evaluation of Horizon 2020, which will also report on progress made with the implementation of the High Level Expert Group recommendations.

Next steps

- 25 January: Commissioner Moedas Press Meeting
- 27 January: Informal Competitiveness Council in Amsterdam
- 28 January: Presentation to European Parliament ITRE Committee
- May: Adoption of Council Conclusions



Thank you for your attention!

Robert-Jan Smits
Director General for Research and Innovation
European Commission