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27 November 2019

Research and Innovation

Agenda

- Introduction
- Towards the Horizon Europe Strategic plan
  - Report on the co-design activities
  - Orientations

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3. Towards the Strategic Plan

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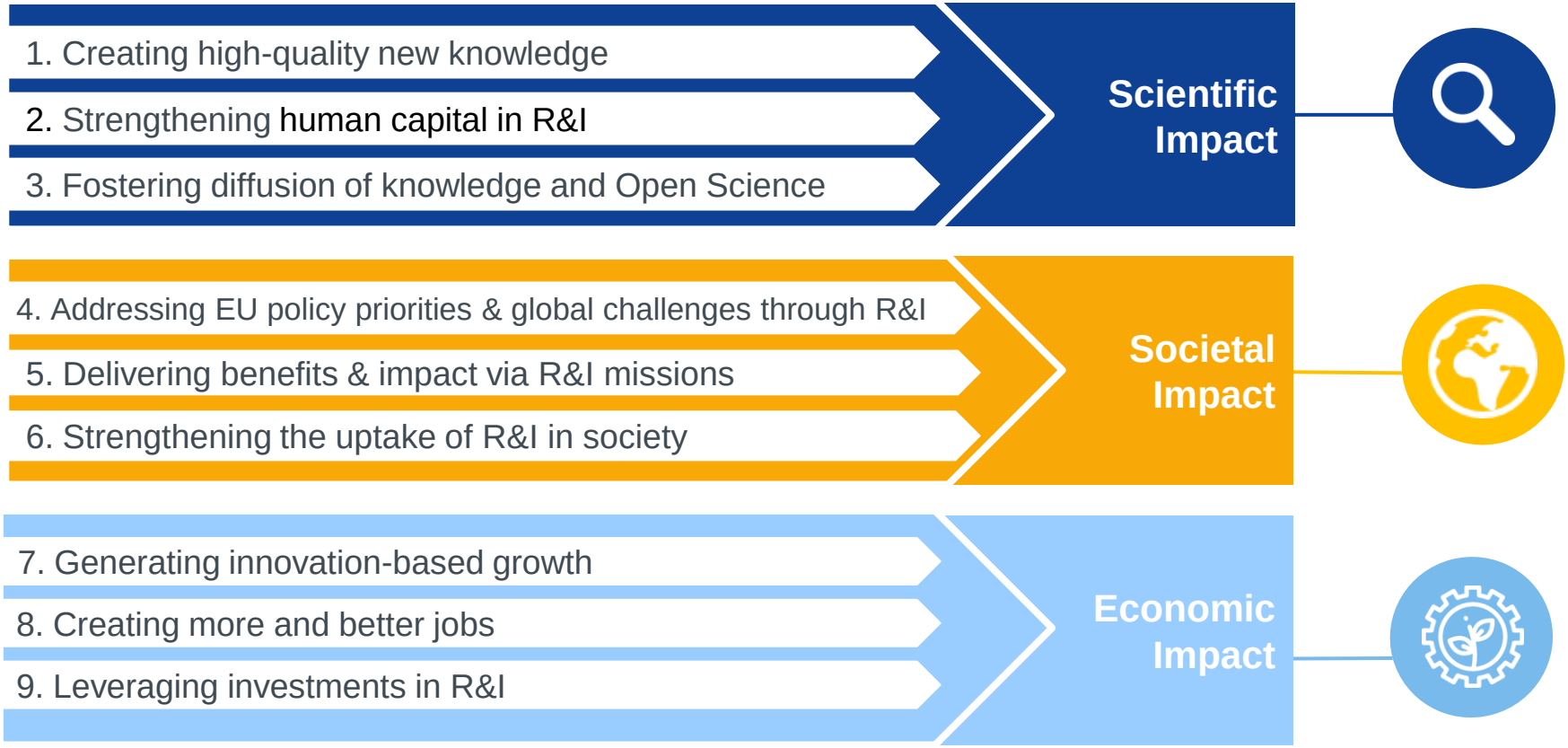
Key impact pathways to track progress



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Strategic Plan for implementing Horizon Europe

The Strategic Plan (*new implementing act by the Commission*) will prepare the content in the work programmes and calls for proposals for the first four years

- Strategic orientation for R&I support, expected impacts
- Partnerships and missions
- Areas for international cooperation
- Issues such as:
  - Balance between research and innovation
  - Social Sciences and Humanities
  - Key Enabling Technologies and strategic value chains
  - Gender
  - Ethics and integrity
  - Dissemination and exploitation

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Strategic plan gives direction to the work programme

Main Features

Early involvement and extensive exchanges with Member States
Extensive exchanges with the European Parliament
Consultations with stakeholders and public at large

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Steps towards the first Horizon Europe work programme

Summer 2019

Early involvement and exchanges with Member States, consultation with stakeholders and the public at large
Establishment of Mission Boards

Autumn-winter 2019/2020

Co-creation at Research & Innovation Days 24 – 26 September.
Extensive exchanges with the new European Parliament.
Establishment of new Commission - envisaged endorsement of Strategic Plan

2020

Drafting of first Horizon Europe Work Programme on the basis of the Strategic Plan

2021

Start of Horizon Europe

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Report on the co-design activities

- Main messages of the web phase consultation held between 28 June and 4 October, with **6806 respondents**;
- Main discussions of the co-design activities (co-design sessions and the village) during the Research and Innovation Days between 24 September and 26 September, with more than **3800 visitors**.

- **Objectives of the report**:
  - Providing information to any interested reader (R&I stakeholder, decision maker, citizen) ;
  - Substantiating the revision of the Orientations to the stakeholders involved in the co-design activities.

Report on the co-design activities

- **Main finding: support to the targeted impacts elaborated in the Orientations document**

- **Other relevant elements:**
  - On the targeted impacts
  - On the linkages among the programme parts
  - On the cross cutting issues
  - On the possible contribution of Horizon Europe to EU political priorities

- **On the organization of the co-design activities**

The "*Orientations*" have been revised to take into account:

- Inputs from co-design survey and R&I Days
- The Political Guidelines of President-elect von der Leyen
- Other improvements: Substance, strategic orientation and streamlining
- Minor linguistic and structural improvements

Changes reflecting the co-design survey and the R&I Days include especially:

- Climate and sustainability highlighted as a cross-cutting priority in the “Chapeau”, further integrated across clusters
- Cluster-specific annexes revised to reflect more specific input (water, industrial symbiosis, low-TRL technologies, youth/education, cultural heritage and migration etc.)
- Gender issues further reflected

The Political Guidelines of President-elect von der Leyen

1. A European Green Deal
2. An economy that works for people
3. A Europe fit for the digital age
4. Protecting our European way of life
5. A stronger Europe in the world
6. A new push for European democracy

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The Political Guidelines of President-elect von der Leyen

Sibiu-priorities		Von der Leyen Political Guidelines
Protective Europe (mainly cluster 3)	Feeds into	**Protecting our way of life**
Competitive Europe (mainly cluster 4)	Is split among	**A Europe fit for the digital age** **A European Green Deal** **An economy that work for people**
Fair Europe (mainly cluster 1 and 2)	Feeds largely into	**An economy that works for people** **A new push for European Democracy** (+ Green Deal + Protecting our way of life+ A Europe fit for the digital age)
Sustainable Europe (mainly cluster 5 and 6)	Feeds into	**A European Green Deal**
Influential Europe (international)	Corresponds to	**A stronger Europe in the world**

Indicative – not binding

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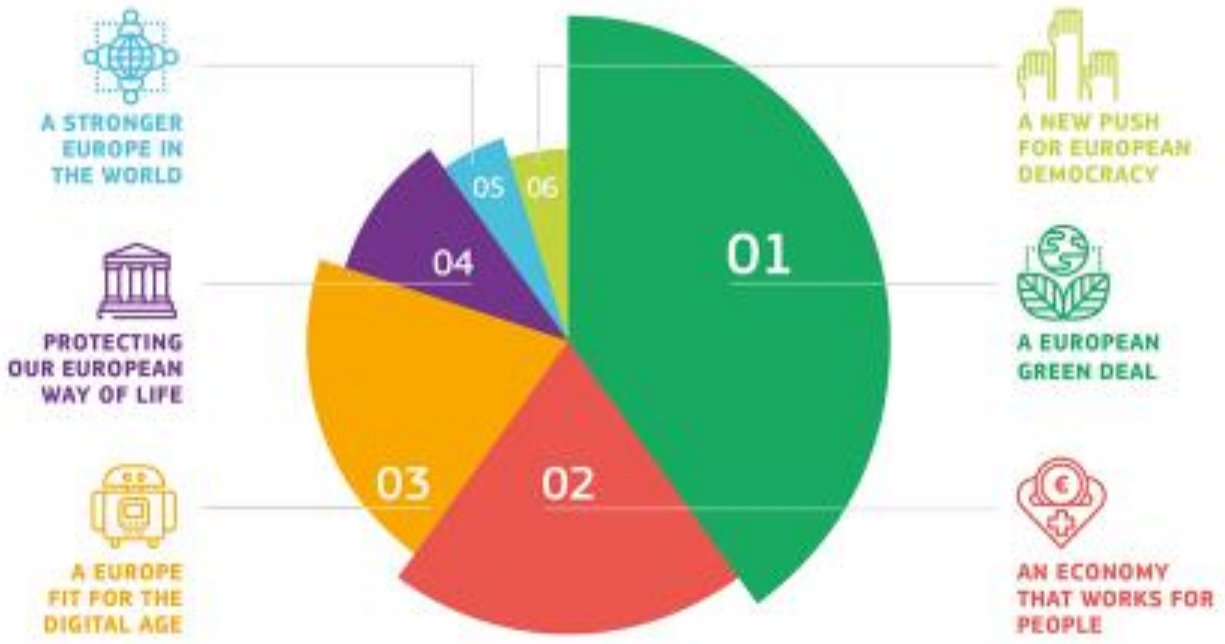
Distribution of Horizon Europe impacts supporting the Political Guidelines



* Preliminary, as described in the General orientations towards first Strategic Plan implementing Horizon Europe

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Web phase consultation targeted "multipliers organisations"

4 questions to identify:

- **European added value**: Which targeted impacts can be best reached (or only reached) through Horizon Europe? On the other hand, what are the targeted impacts, mentioned in the updated orientations, least likely to benefit from Horizon Europe investments?
- **Cross clusters challenges**: Which common challenges between different clusters could reinforce their impacts (e.g. environment and health, green IT…)?
- **Framework conditions**: Beyond research and innovation, which other measures would be needed at the European level to best achieve the targeted impacts (e.g. innovation deals…)?
- **The co-design process:** What are your impressions on the co-design process and how can we improve it?

- Format: Open text replies (max 3000 characters)

Survey open until 17 Nov.

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Main messages harvested

On the targeted impacts in general:

- Several respondents have supported the targeted impacts presented below one of the priorities from President-elect Ursula von der Leyen

- The Green Deal and a Europe fit for the Digital Age are especially mentioned as the most preferred groups of targeted impacts

Main messages harvested

On the targeted impacts at cluster level:

On the preferred targeted impacts: targeted impacts of clusters 1,3, 5 and 6 supported as a whole

On the less preferred impacts: no convincing answer from quantitative and qualitative point of view (no appetite for the exercise?)

Main messages harvested

Which common challenges could reinforce their impacts?

Provisional suggested typology

From one cluster to all the others: KETs…

“Science driven” common challenges: climate, biodiversity, AI, exposome, WEFE nexus, One Health, nature based solutions…

“Policy driven” common challenges: European health data space, farm to fork, SDGs

This is how no typology may look like