



R&I for conservation and use of plant genetic resources

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Joint PRO-GRACE/EMPHASIS

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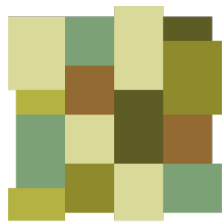
EU R&I to support conservation and use of genetic resources (GenRes)

Under Horizon 2020 (2014 – 2020) support to GenRes was part of a wider agenda for diversification, resilience and ecological approaches (including organic farming).

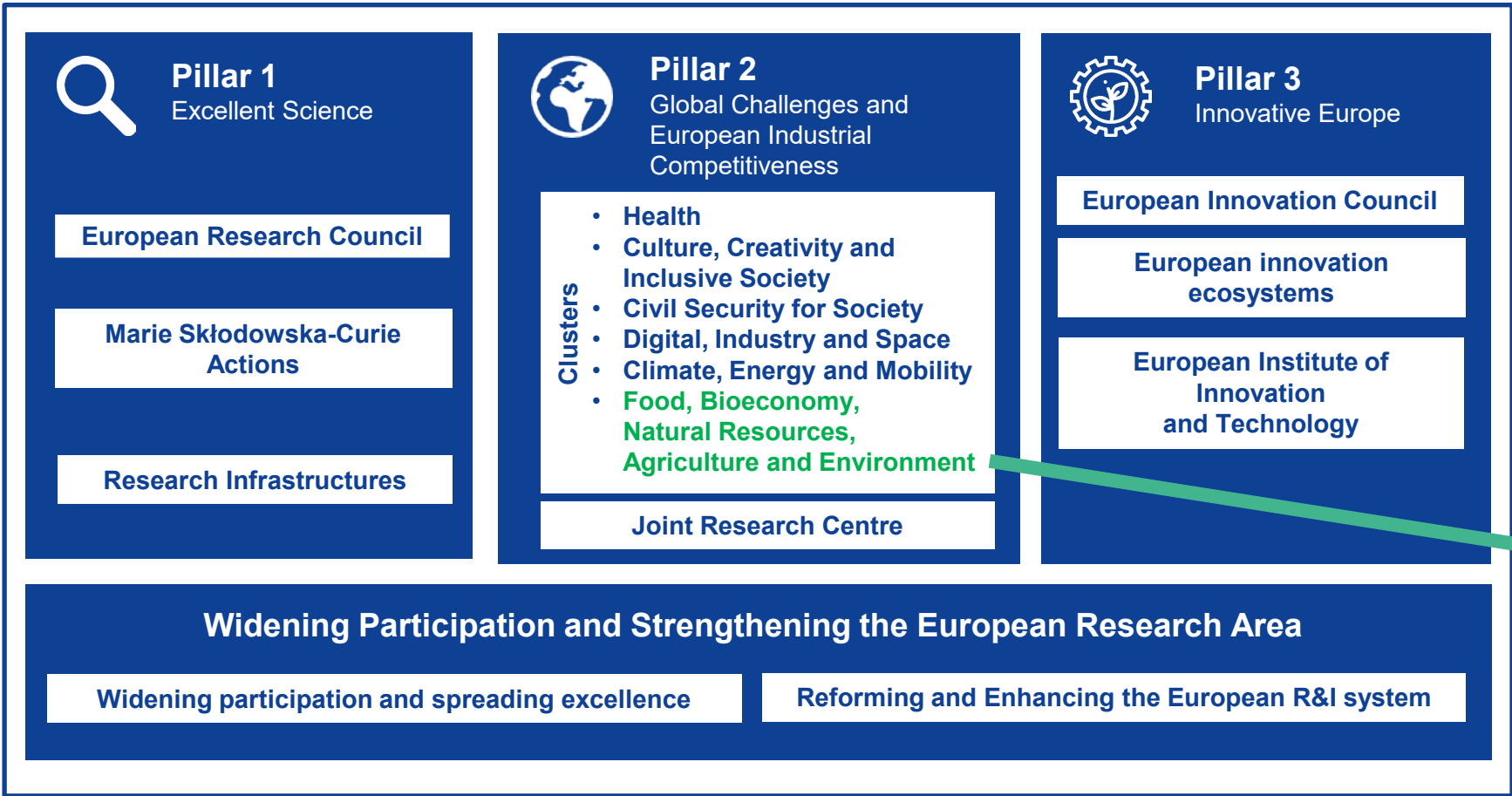


Multi Actor Approach

Horizon 2020 projects on Genetic Resources and Breeding*

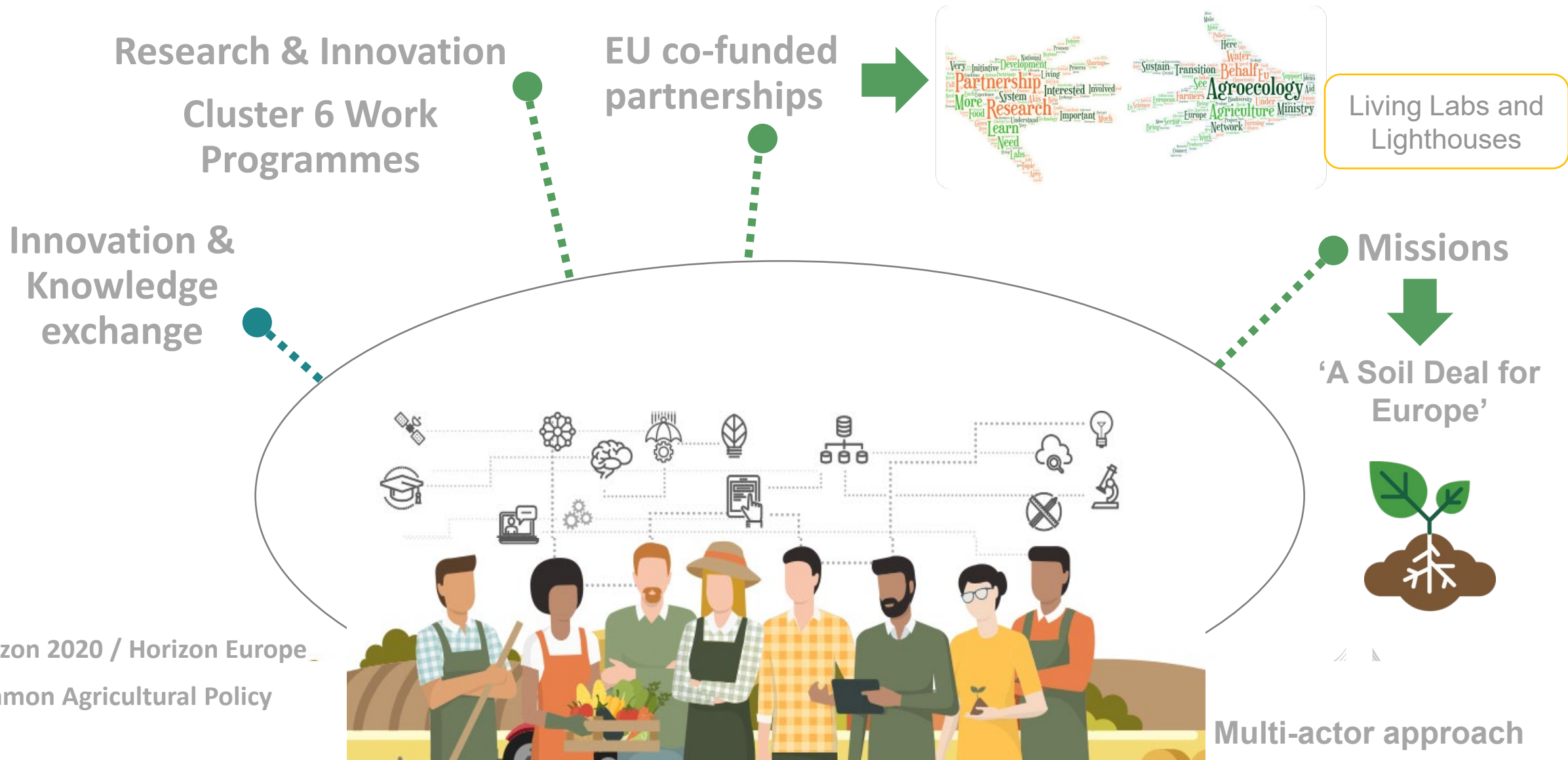


* List of projects not exhaustive



€9 billion
Budget Cluster 6
2021-2027

Instruments and actors: boosting implementation of R&I and impact on the ground



Horizon Europe Cluster 6: R&I for GenRes



Strategic Plan
2021-2024



CLUSTER IMPACT SUMMARY
Cluster 6
**FOOD, BIOECONOMY,
NATURAL RESOURCES,
AGRICULTURE &
ENVIRONMENT**

Work Programme
2021- 2024

Strategic Plan 2021-2024:

‘Improve conservation, management and use of **plant genetic resources**, thereby preserving and enhancing agrobiodiversity.’

- 2021: Breeding for resilience: focus on **root-based traits**
- 2021: Fostering **organic** crop breeding
- 2022: Boosting breeding for a sustainable, resilient and competitive European **legume sector**
- 2022: **Intercropping** – understanding and using the benefits of complexity in farming and value chains
- 2023: **Crop wild relatives** for sustainable agriculture
- 2023: Biodiversity friendly practices in agriculture – breeding for **Integrated Pest Management (IPM)**
- 2024: Promoting **minor crops** in farming systems
- 2024: Promoting **pollinator friendly farming** systems

Horizon Europe 2021-2024



Breeding for resilience: focus on root-based traits



Crop wild relatives for sustainable agriculture



Thank you



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