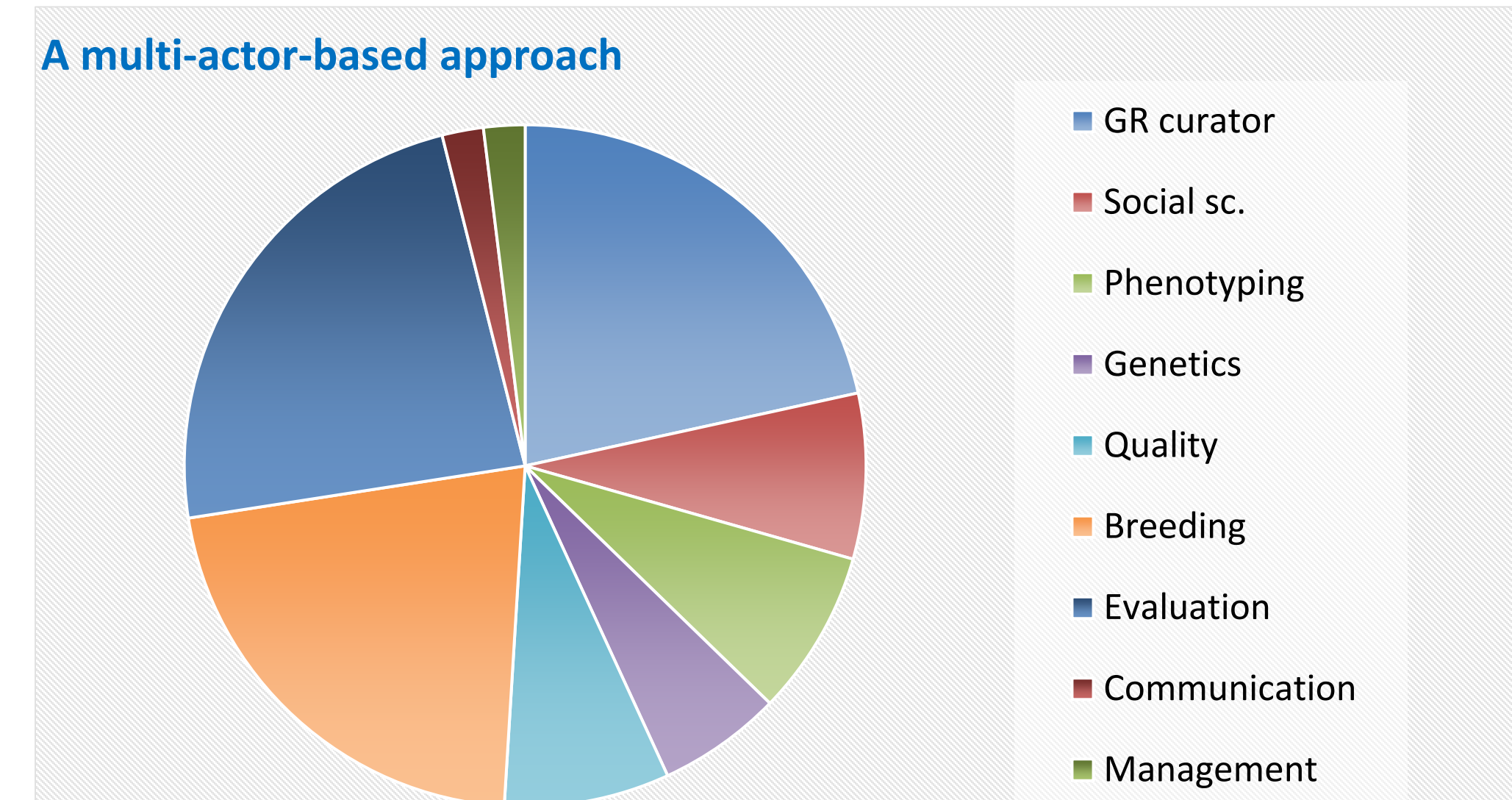


“Innovative Organic Fruit Breeding and uses” *InnOBreed*

A targeted approach for maximizing Technological, Environmental, and Social Innovation impacts through all over the Fruit Chain

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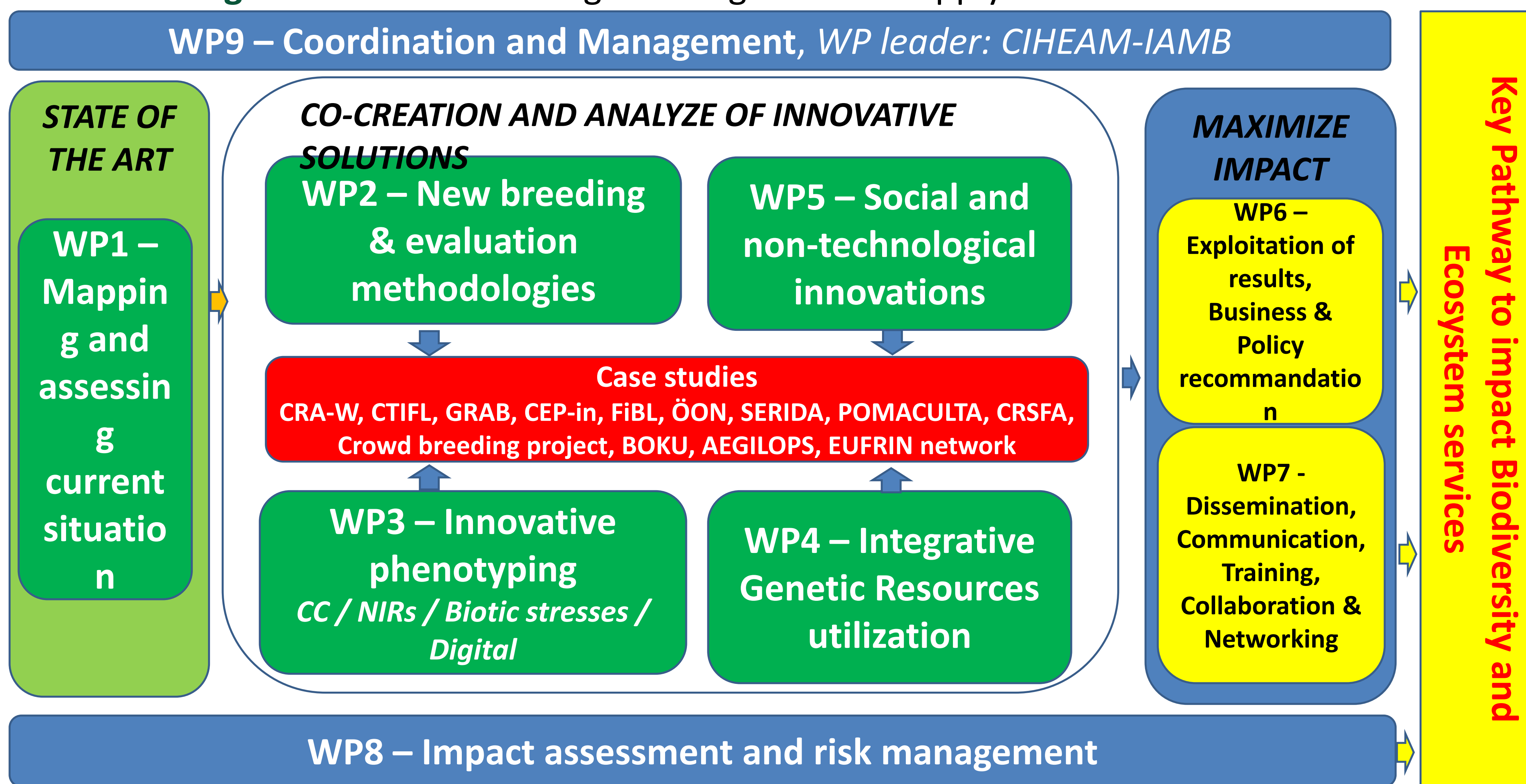
- (1) Istituto Agronomico Mediterraneo di Bari (CIHEAM- IAMB)
- (2) Austria (BOKU)
- (3) Belgium (CRA-W - ARCADIA)
- (4) Czech Republic (VSUO Hologovusy)
- (5) Denmark (UCPH)
- (6) France (INRAE - CTIFL - GRAB - CEP Innovation)
- (7) Germany (ÖON)
- (8) Greece (AEGILOPS)
- (9) Italy (CREA -University of Pisa (UNIPI) - CRSFA)
- (10) Spain (IRTA - SERIDA - INNOGESTIONA)
- (11) Switzerland (WBF AGROSCOPE - FiBL - Pomaculta)



InnOBreed is a collaborative research project funded under Horizon Europe, with the objective to foster organic crop breeding and improve the performance of the fruit sector, by enhancing **Innovative Organic fruit Breeding and uses**.

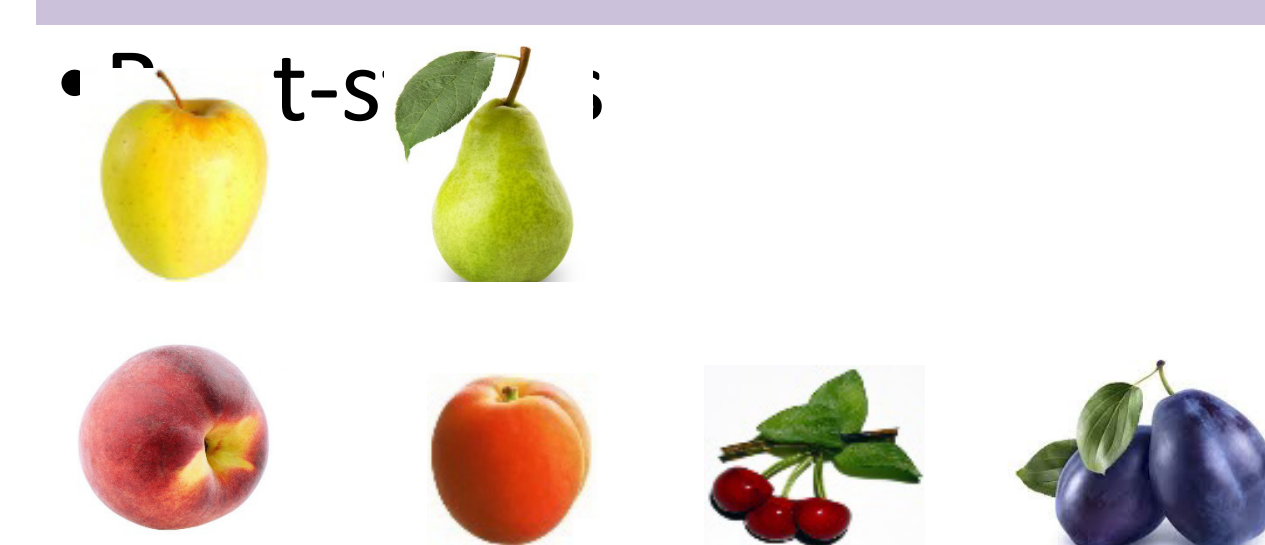
Its main objective is to **identify specific fruit cultivars that are better suited for organic production** and meet organic farming requirements by:

- **Breeding** with new organic approaches;
- **Evaluating** local genetic resources, (pre-) breeding material & cultivars; and
- **Introducing** these varieties through the organic fruit supply chain.



Working groups by species

- Pome fruits: Apple, Pear
- Stone fruits: Peach, Almond, Apricot, Cherry, Japanese Plum, European Plum
- Others: Citrus – Grape



Working groups

- Abiotic stresses
- Breeding
- Regulation

InnOBreed plans to gather stakeholders of the fruit chain, including **breeders, evaluators** and fruit tree genetic resources collections (FTGR) **collection curators, innovation providers, farmers, and consumers**, in order to ensure the pertinence and durability of the project, and in particular to:

- **Capitalise on already available innovative solutions** and on a large set of case studies able to be implemented by the innovation providers;
- **Identify on participative bases the most suitable accessions/varieties** for the fruit organic sector at local and regional levels, also to anticipate the impacts of **environmental changes**;
- **Ensure that the requirements of the fruit sector, consumers and civil society** are integrated in the project’s approaches; and
- **Highlight the practical and technological conditions for implementing** the different innovative solutions (technological and social/organisational).

InnOBreed - Co-Creation of Innovative solutions

Identotyping approach on Apricot

Example of combine innovations
Management of FTGR – Participative breeding (BOKU)

