



Inventory of R&I Infrastructures

improving knowledge flows in agriculture

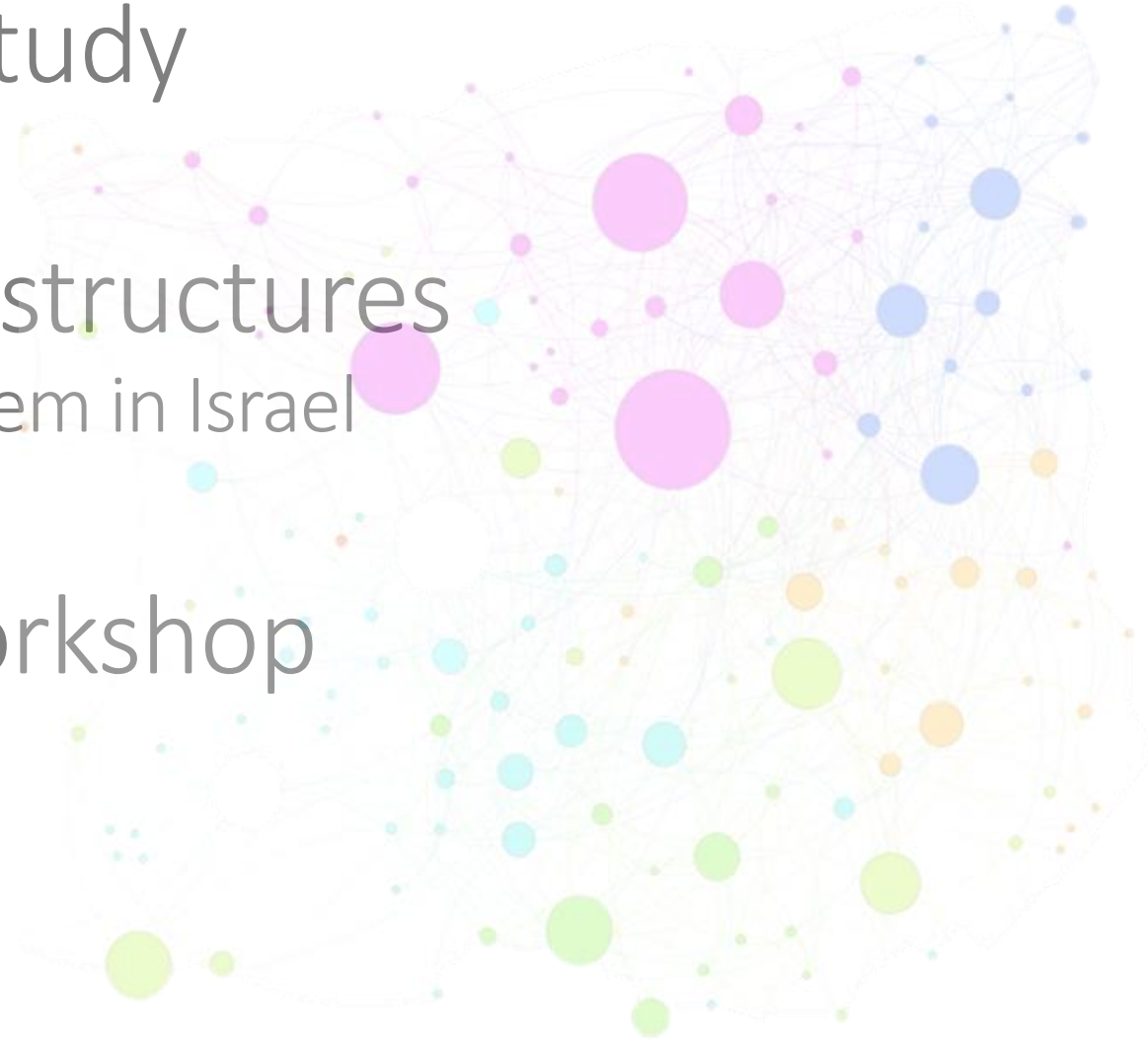
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About the study

Example R&I infrastructures
AgriFoodTech Ecosystem in Israel

Exploratory workshop



Objectives of the study

- Map R&I infrastructures (soft & hard) supporting knowledge flows in the European agriculture
- Provide inspiring examples from outside Europe
- Identify synergies between different R&I Infrastructures
- Upgrade competences of AKIS stakeholders
- Improve integrated implementation of the EIP-AGRI





Content of the study

Summary of the existing literature and web content

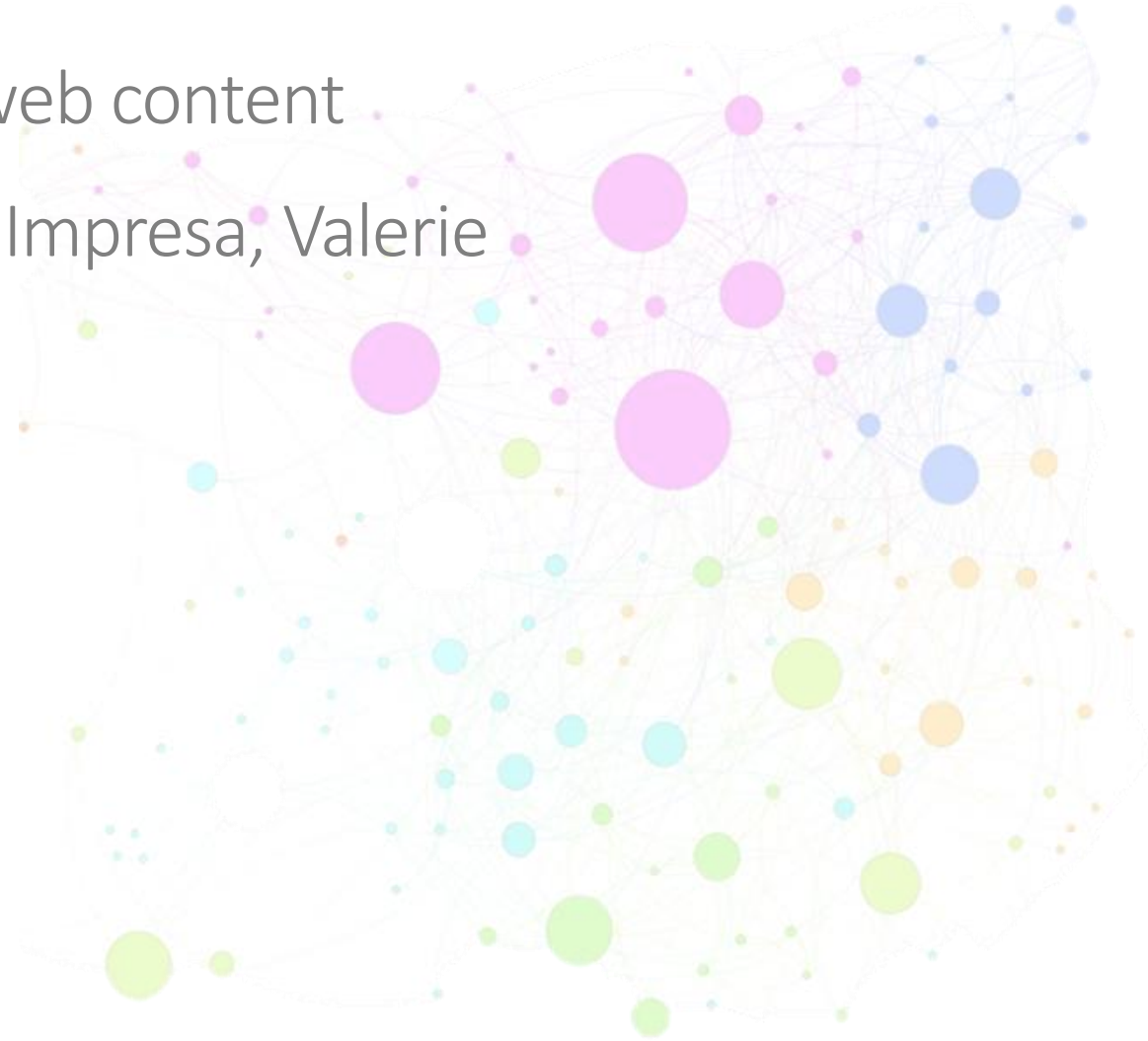
Building upon the previous projects e.g. Impresa, Valerie

5 case studies from the EU

3 case studies from outside Europe

Input from the workshop

Recommendations





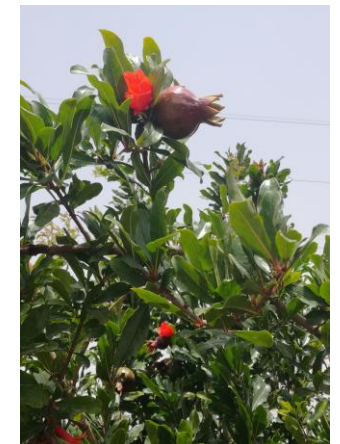
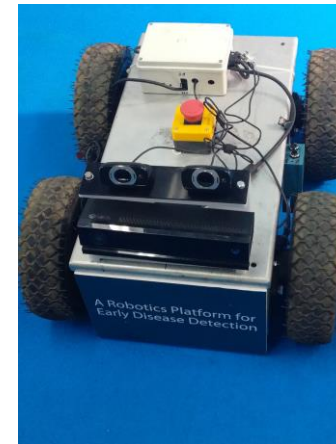
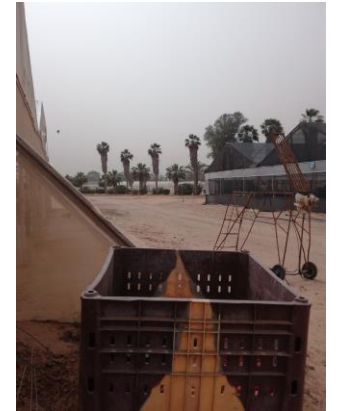
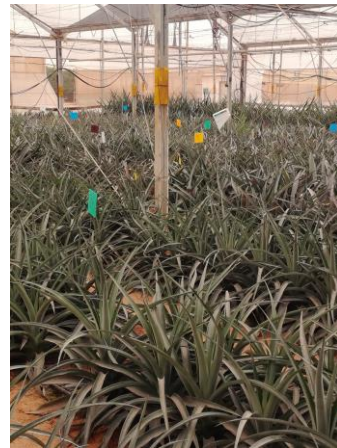
Example R&I
infrastructures
AgriFoodTech
Ecosystem in
Israel

Agriculture in Israel

- Small country with high importance of agriculture
- Young and growing population -> raising food and resources demand
- Challenging agricultural conditions (limited water availability, large deserted areas: Negev)
- Around 20% area is naturally arable
- Increasing size of irrigated farmland
- Unique farming systems: kibbutz and moshav
- Important role of agricultural R&I and technology



Source: <http://mfa.gov.il/MFA/AboutIsrael/Maps/Maps/Agriculture.jpg>



Israeli AgriFoodTech Ecosystem



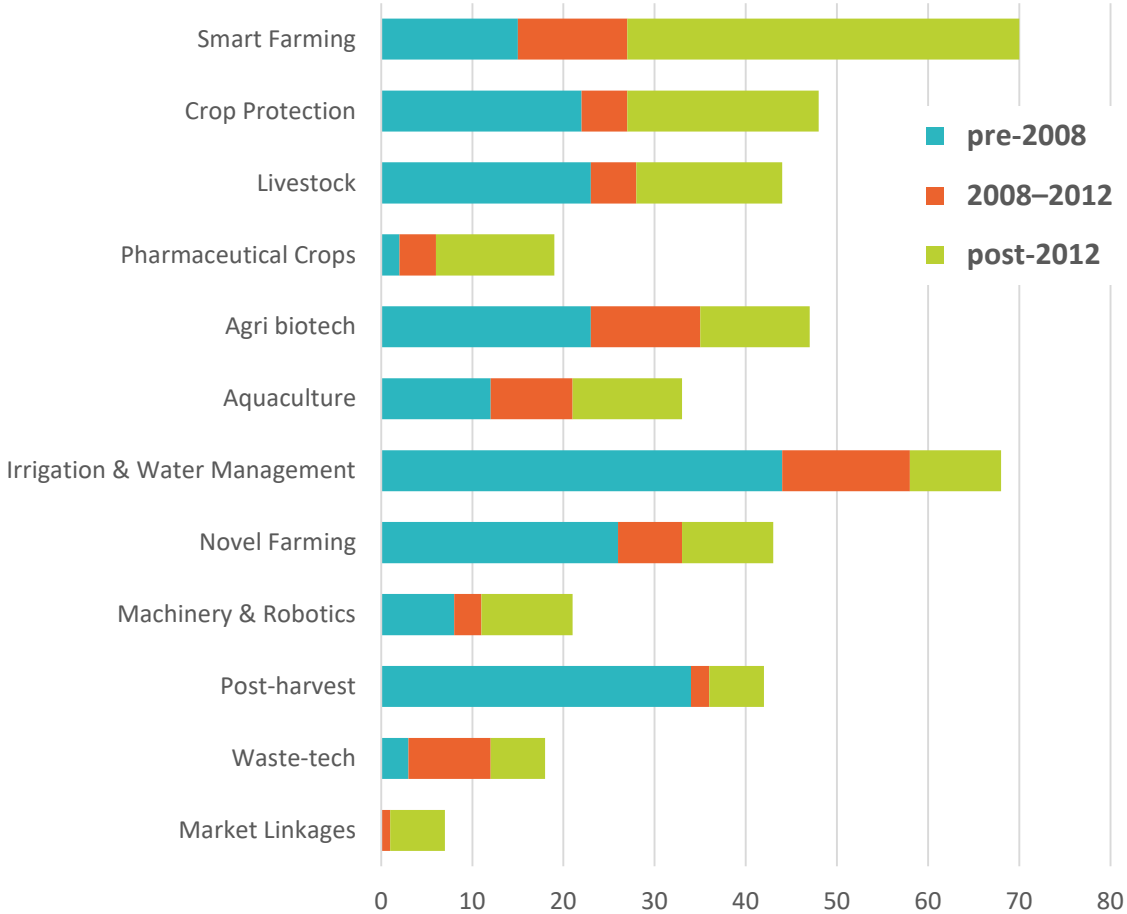
Israel is one of the global leaders in R&I spending

- 189M\$ raised in 2017
- 500 active AgriTech companies
- 250 active AgriFood companies
- 10% of global biotech and crop protection companies
- ½ of the 60 smart farming companies founded in the last 5 years

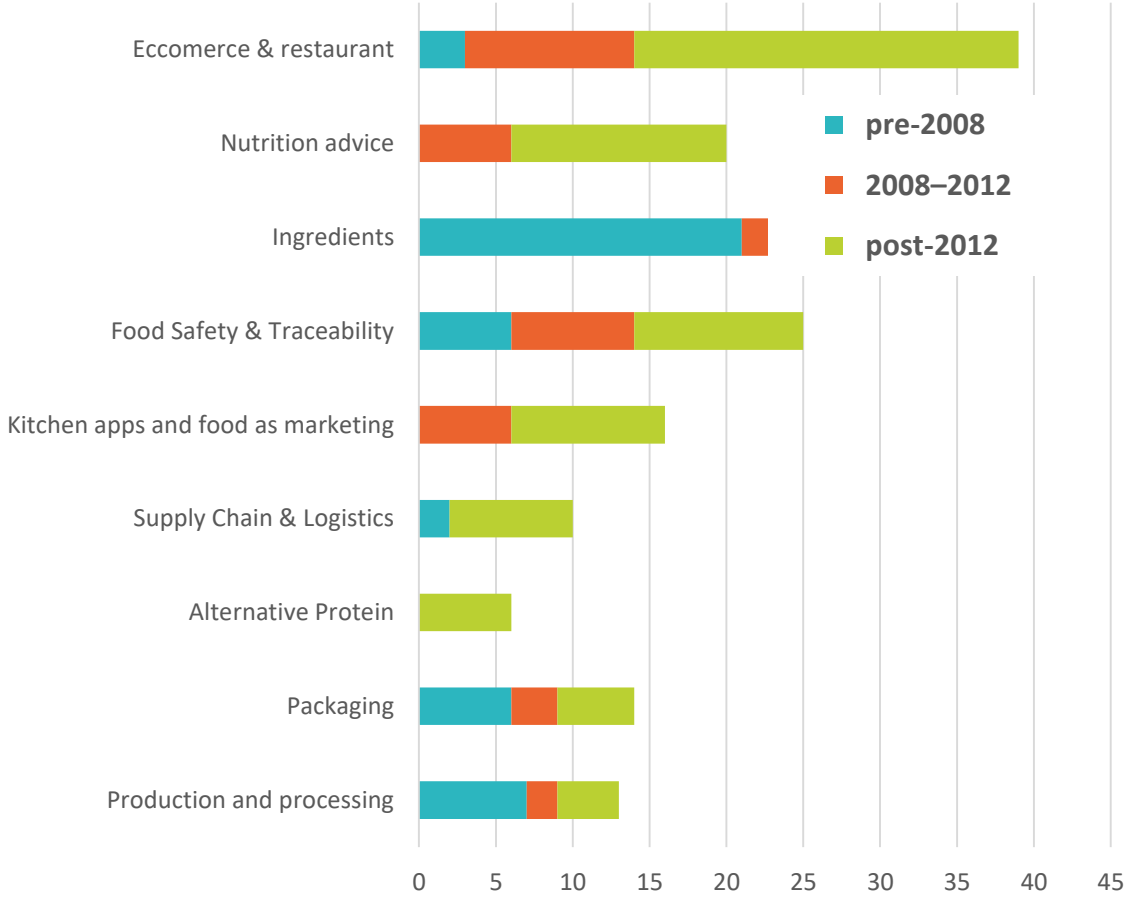


35% founded in the last five years, 50% in the last ten

AgriTech



FoodTech



WORKSHOP

Q1: What examples of soft / hard R&I infrastructures do you know?

Q2: What are their critical success factors / barriers?