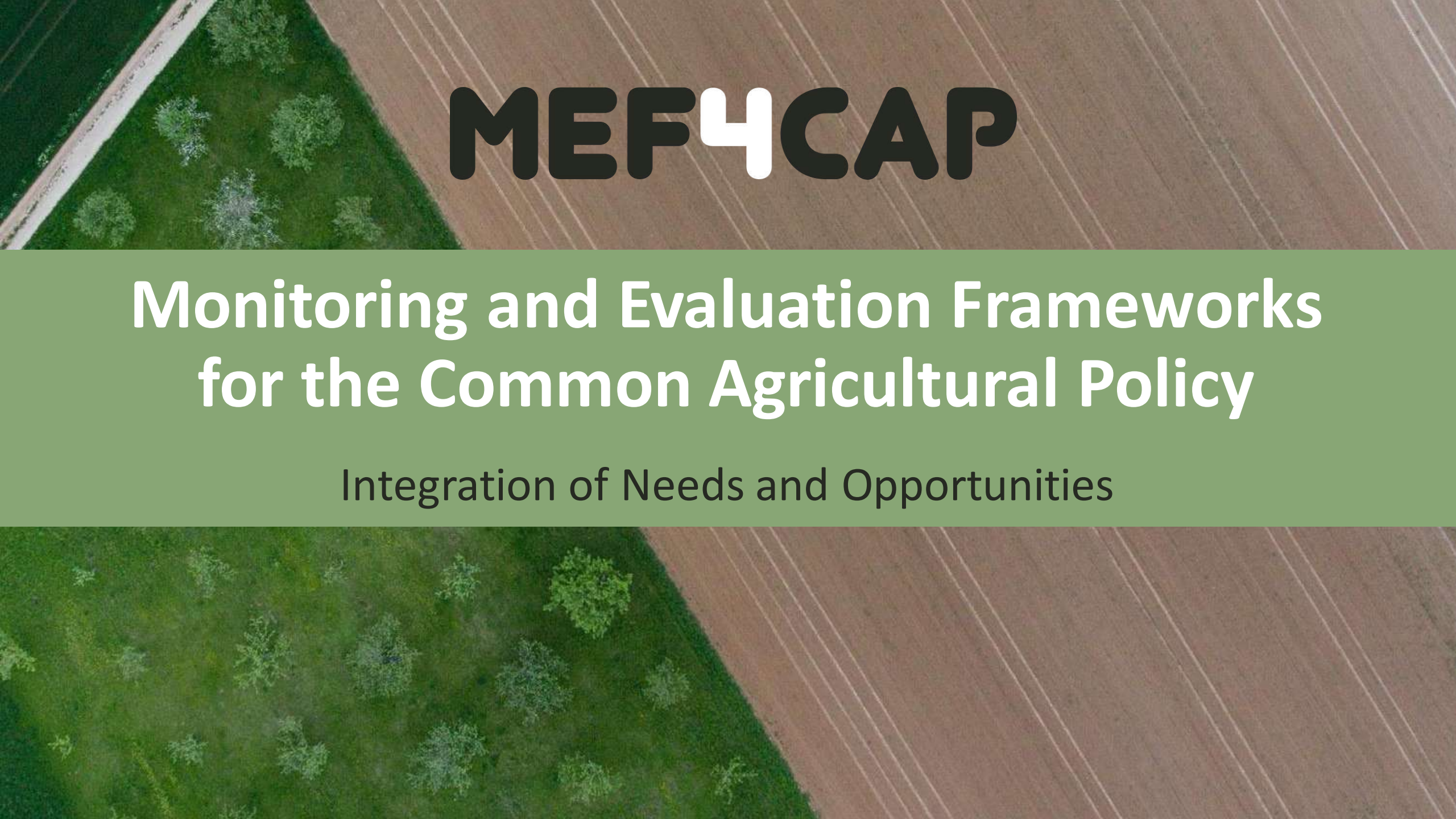
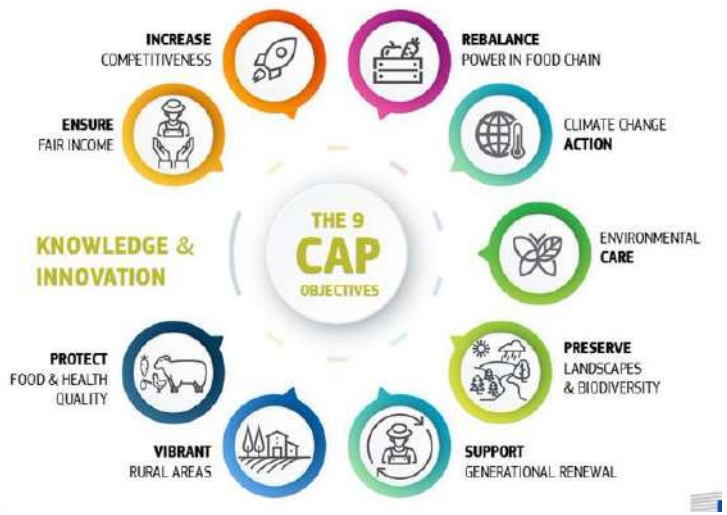


MEF4CAP

Monitoring and Evaluation Frameworks for the Common Agricultural Policy

Integration of Needs and Opportunities

New policy objectives ask for new data



- European policies are (being) adapted:
  - Common Agricultural Policy: Cross Compliance, Greening
  - Rural development, innovation, risk management, viability, sustainability
  - Nitrate directive; Water directive
  - Green deal, farm to fork strategy, bio-diversity strategy
- Policy evaluation has a need for data on these topics

MEF4CAP objective

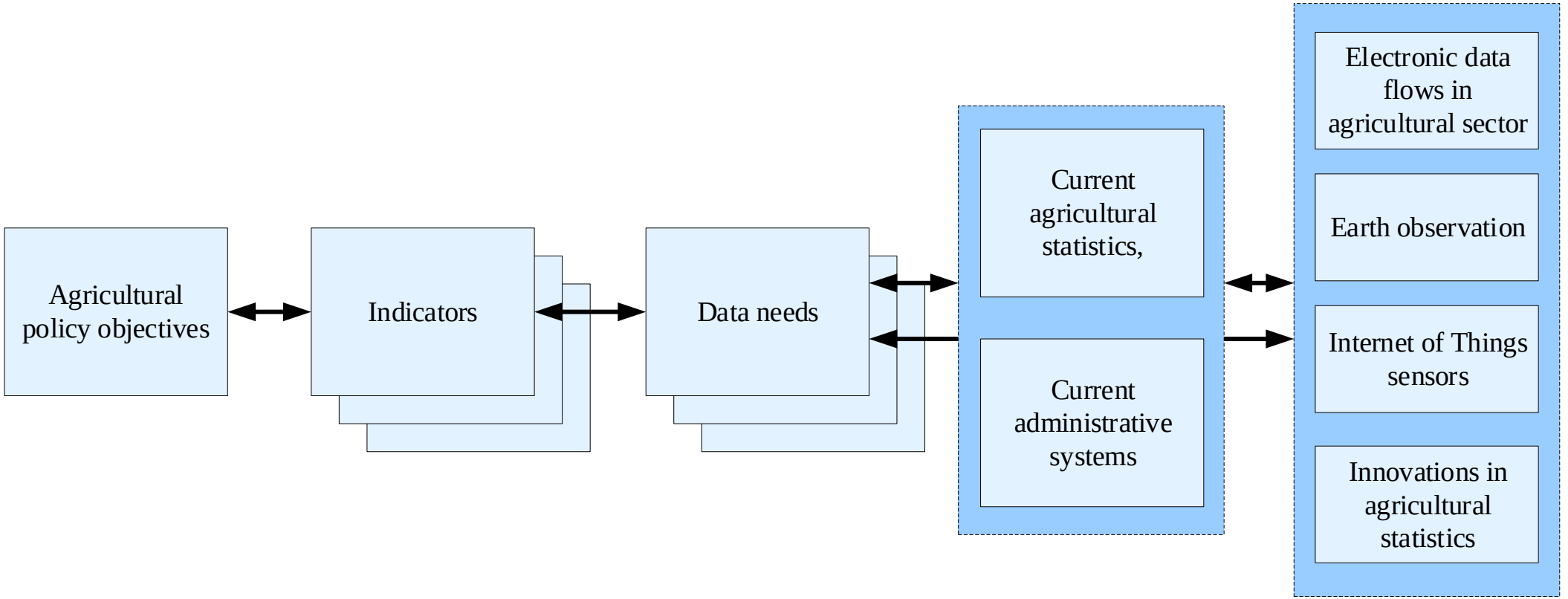
Broader need for sustainability information from retail, sector initiatives, farming sector, governments, NGO's.

Wide **range of needs** and **increasing amount of data** in agri-food sector

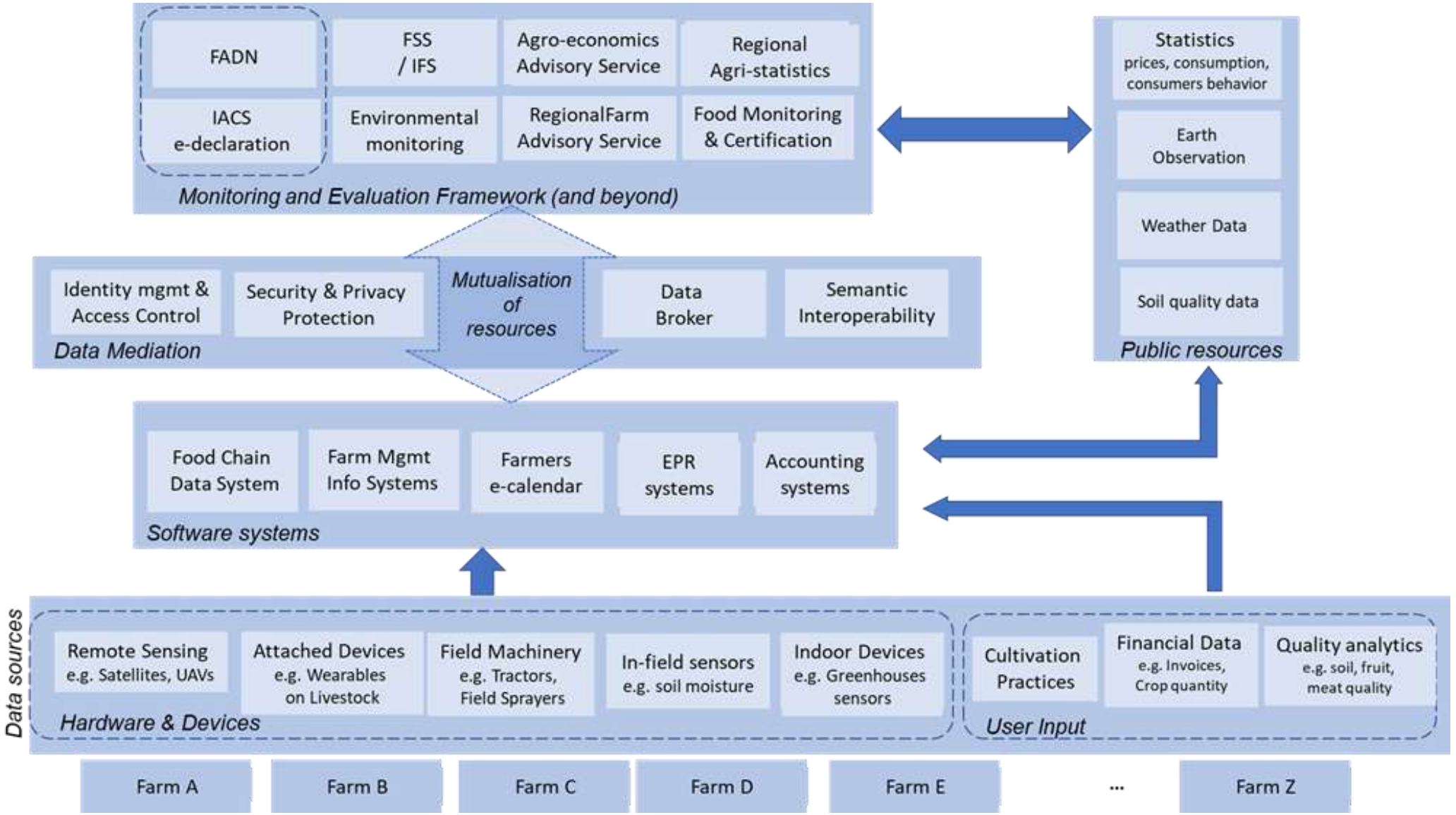
MEF4CAP will deliver a roadmap for future monitoring

- where the needs of different stakeholders are identified
- and the potential of different technologies is fully exploited
- while minimizing the associated cost and administrative burden

Project introduction: background



Project introduction: information landscape



Project introduction: consortium

Project introduction: related projects

suprema

FLINT

NIVA
NEW IACS VISION IN ACTION

RE.CAP

SMART AGRI HUBS

Sensagri

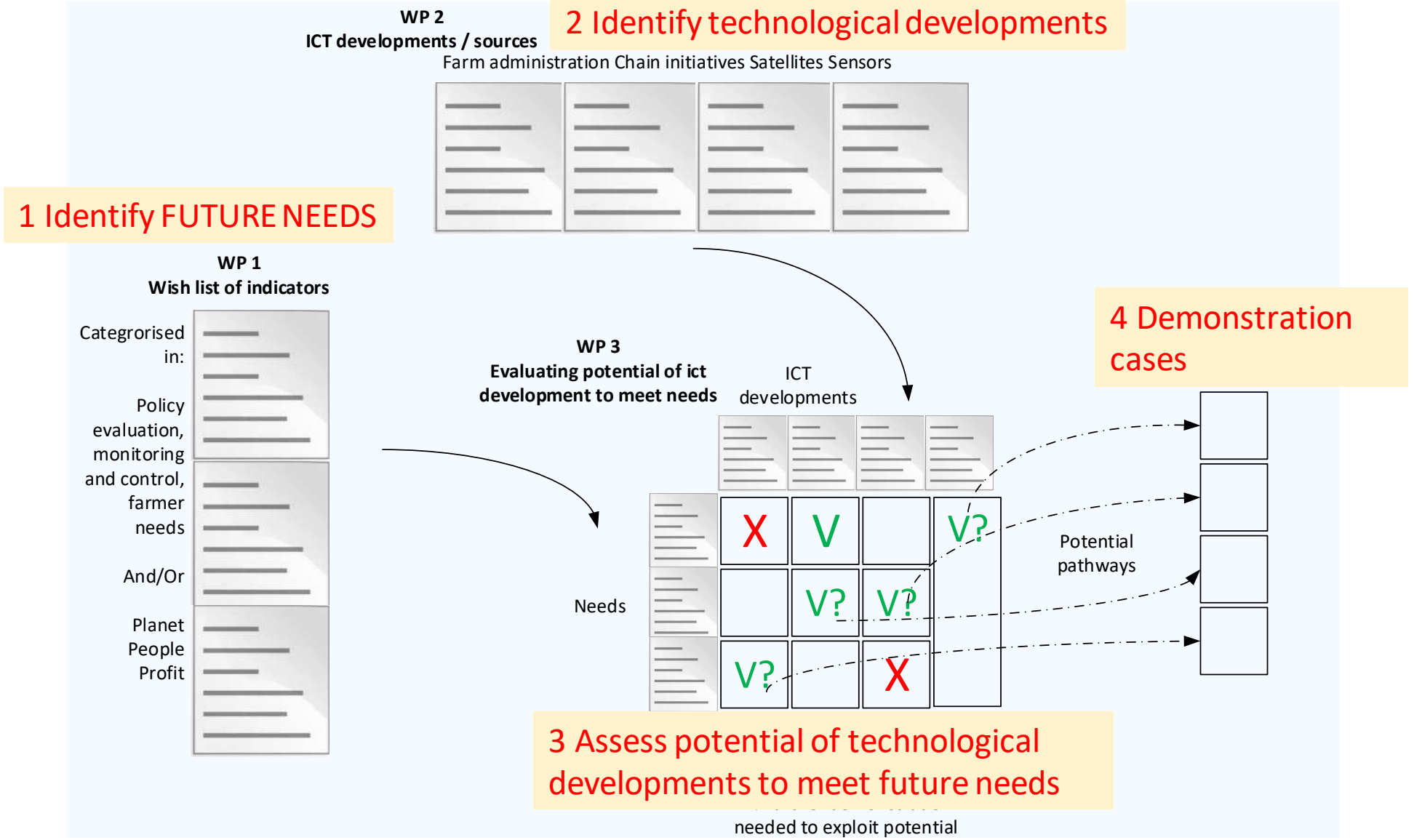
sen4cap
common agricultural policy

ATLAS
AGRICULTURAL INTEROPERABILITY AND ANALYSIS SYSTEM

envision

DIANA

Project logic



Demonstration cases

1. Benefit from increased digitalisation of financial / administrative processes in the agri-food sector and the voluntary exchange;
2. Limitations of earth observation are addressed with sensor networks at farm level;
3. Linking national datasets for a broader use in policy evaluation;
4. Integrating agro-environmental data for different purposes

Case 1 Digitalisation and robotic accounting

- Digitalisation of invoices (i.e. Edi-circle, Unifiedpost, Agrobox, Basecone, Blue10) facilitate robotic accounting (economic and environmental)
- Sharing of data and access to government data facilitate developments of farm systems (i.e. Dacom, Agrovision) and chain initiatives (Globalcap, On the way to planet proof, Sustainable Dairy Chain, TSC)
- Internet of things facilitates information services from technology suppliers, advisory services and food processors: 'smart farming'
- Digital platform to combine data to create services for users

Case 1 Organic farming as a test case

- Create dashboard to provide information for M&E and especially **mass balances** for certification and inspection
- **Monitoring and evaluation** requirements are high
- **Transparency** is an important issue
- Links with **Farm to Fork** communication: 25% organic area, **Farm Sustainability Data Network**
- Interest from the Dutch organic certification and inspection authority **SKAL**

Conclusions

- **Need for information** on agriculture is increasing (Govt, sector and chain initiatives, farming)
- At the same time **availability of information** enhances new opportunities
- **No silver bullet**, one technology will not provide all answers, combinations are necessary
- **MEF4CAP will connect needs with opportunities**
  - Assessment of potential and limitations
  - Variety of demonstration cases
- **Demonstration case in organic sector** to bring together information from different sources to meet demands for certification and inspection (mass balances)

Thank you for your attention

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