

The European Commission's science and knowledge service

Joint Research Centre

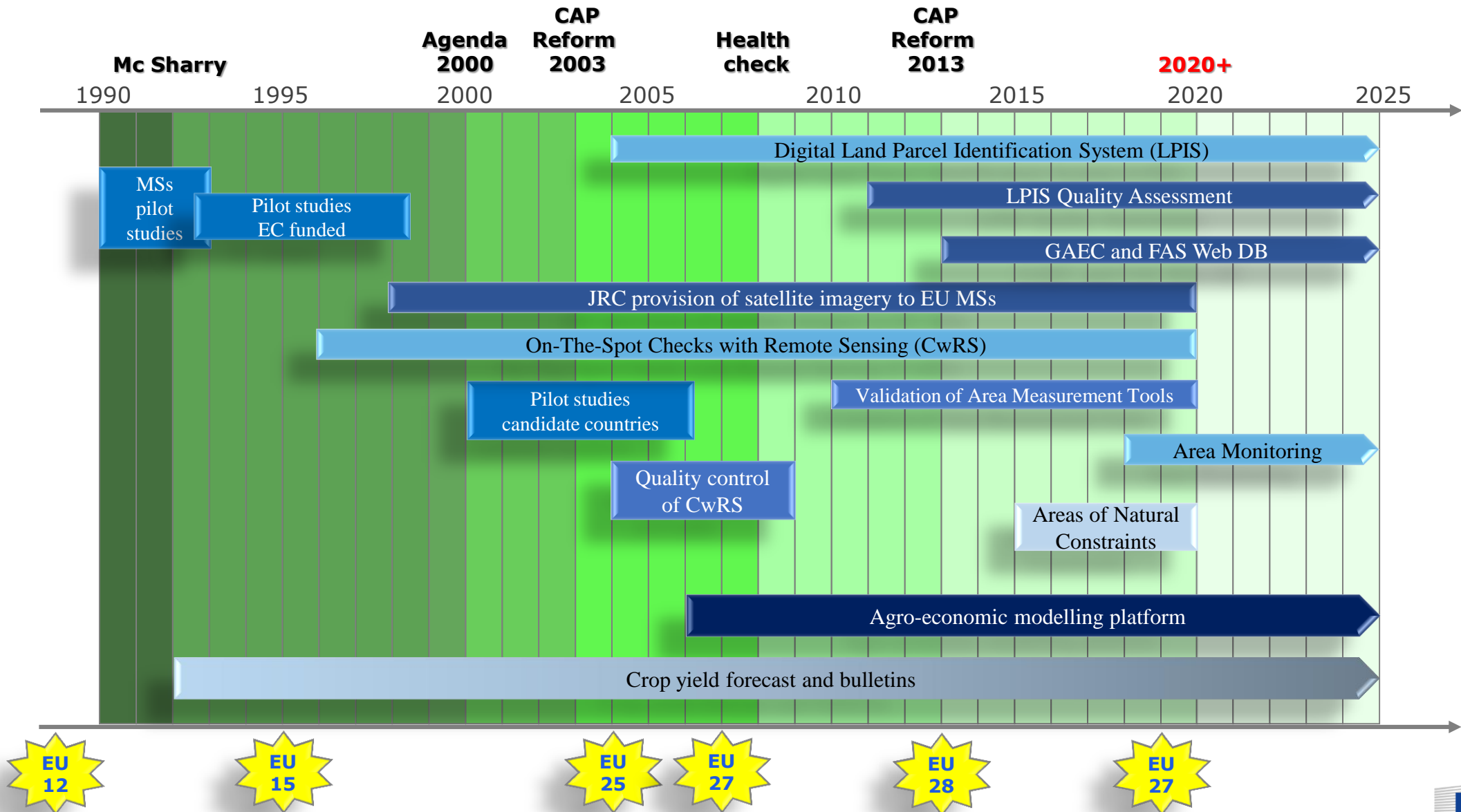


Technology for CAP Simplification and Modernisation

Vladimir ŠUCHA

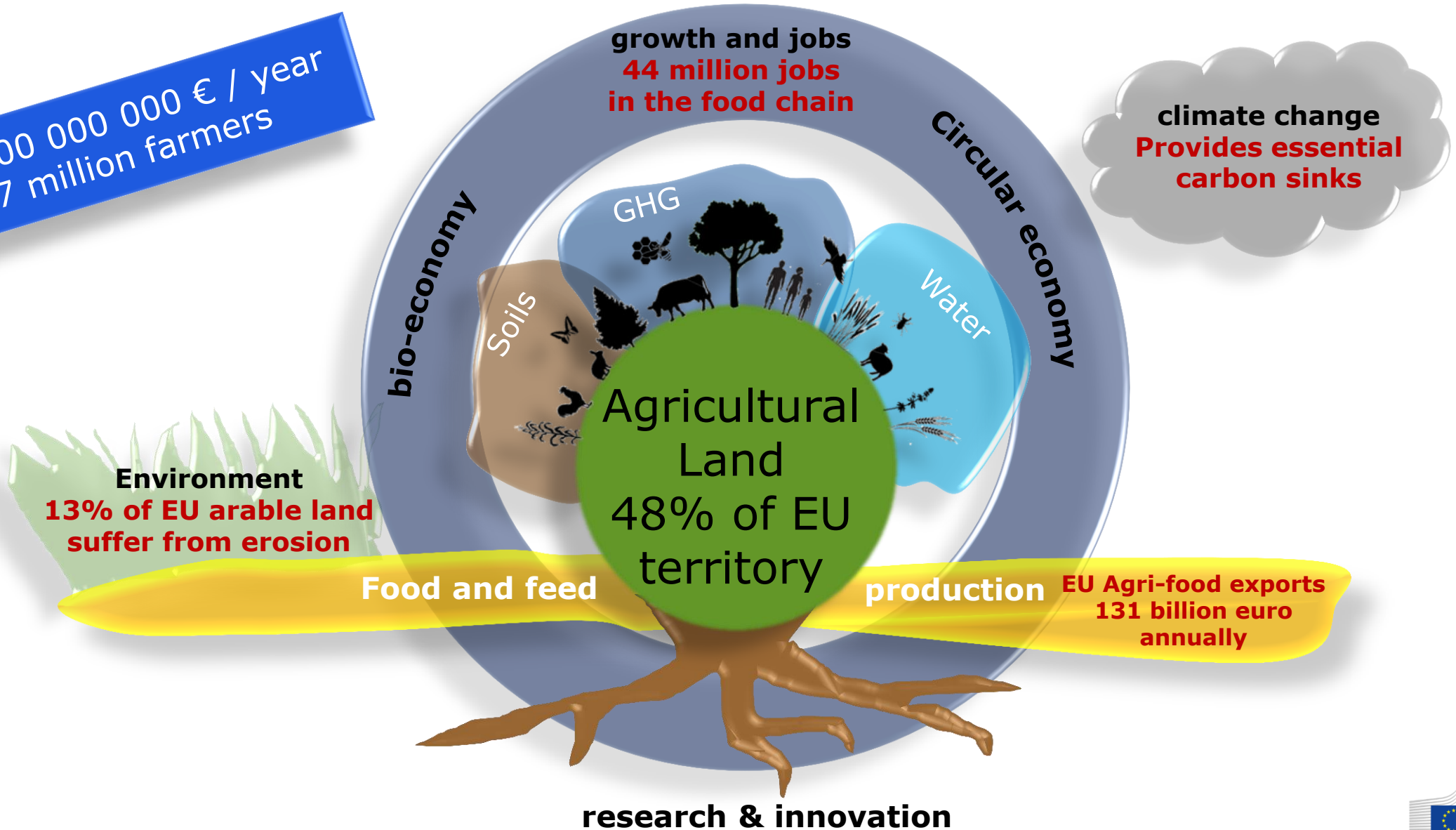
Director General JRC

History of technological support to the CAP implementation



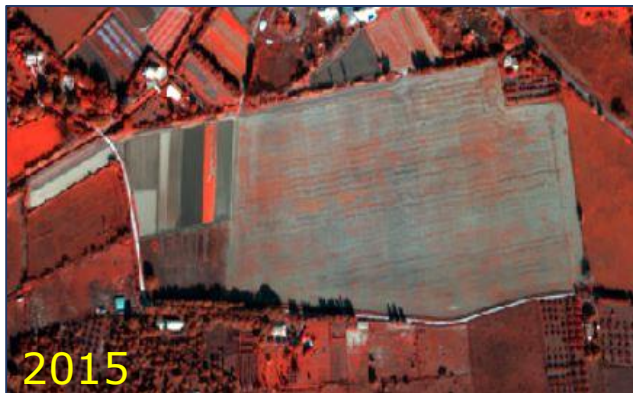
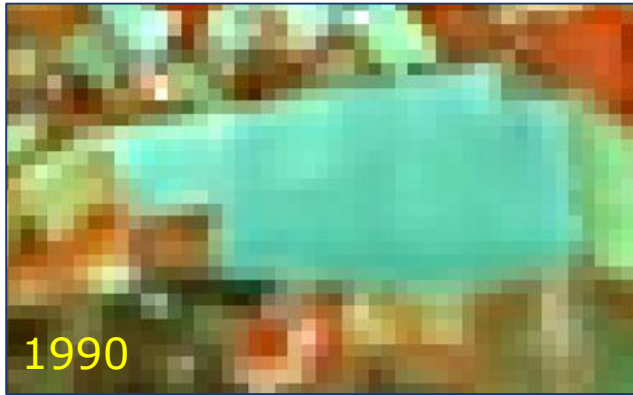
The reformed CAP in context

55 000 000 000 € / year
7 million farmers



Technology: key contributor to the current CAP

Error rate
below
2 %



Land Parcel Identification System



ID-12031965
9.22 ha
Arable crop

Integrated
Administration
and Control
System

Up to date
technologies

Community of
Practice

Proactive

Technology: key enabler for CAP2020+

Based on results

Fairer:
all farms

Automated

Preventive

AGRI, ENV,
CLIMA ...
objectives



e-governance



62 kilometres
of green corridors added
in our Region
in 5 years

Error rate
still below
2 %



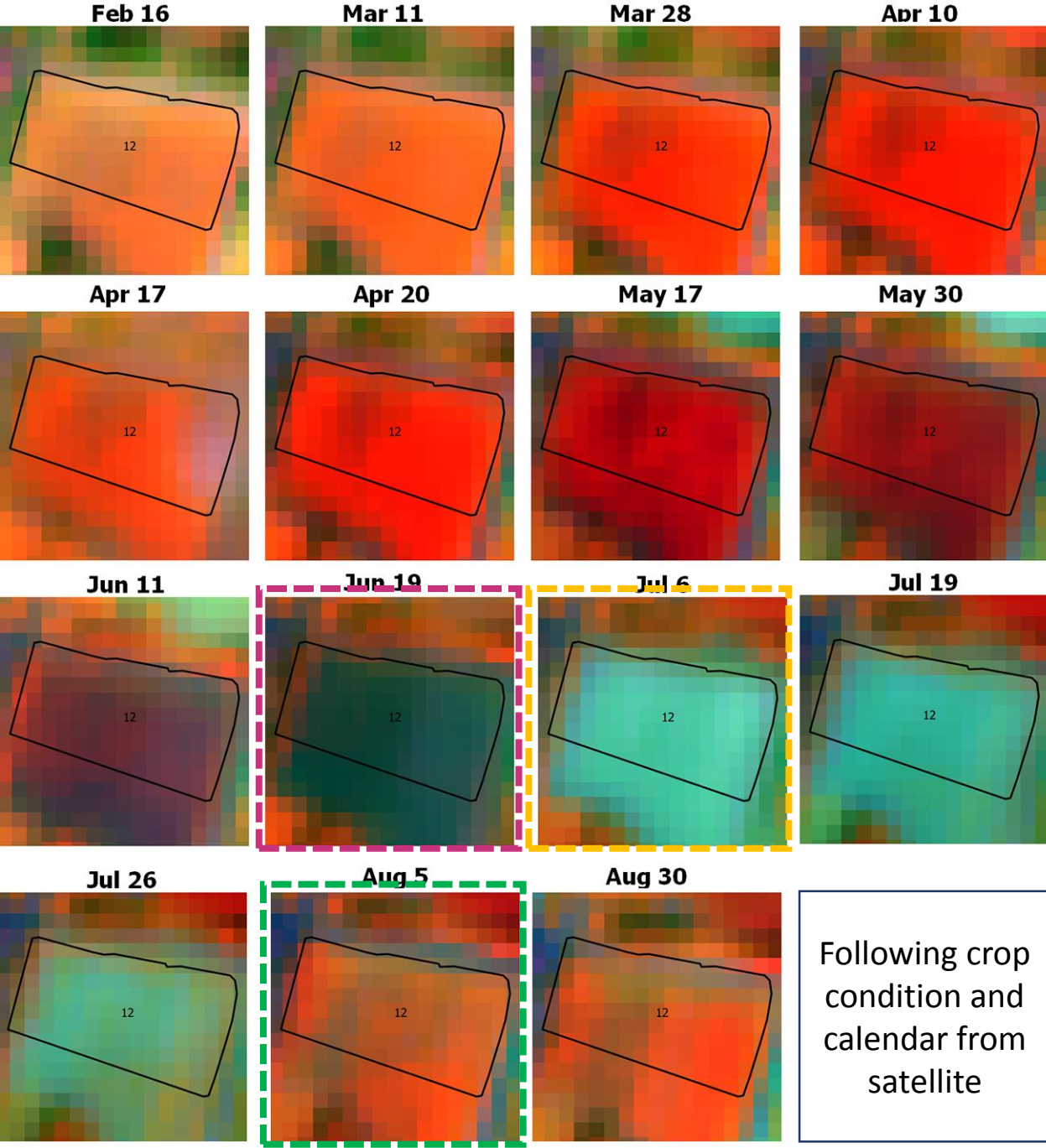
Harvested



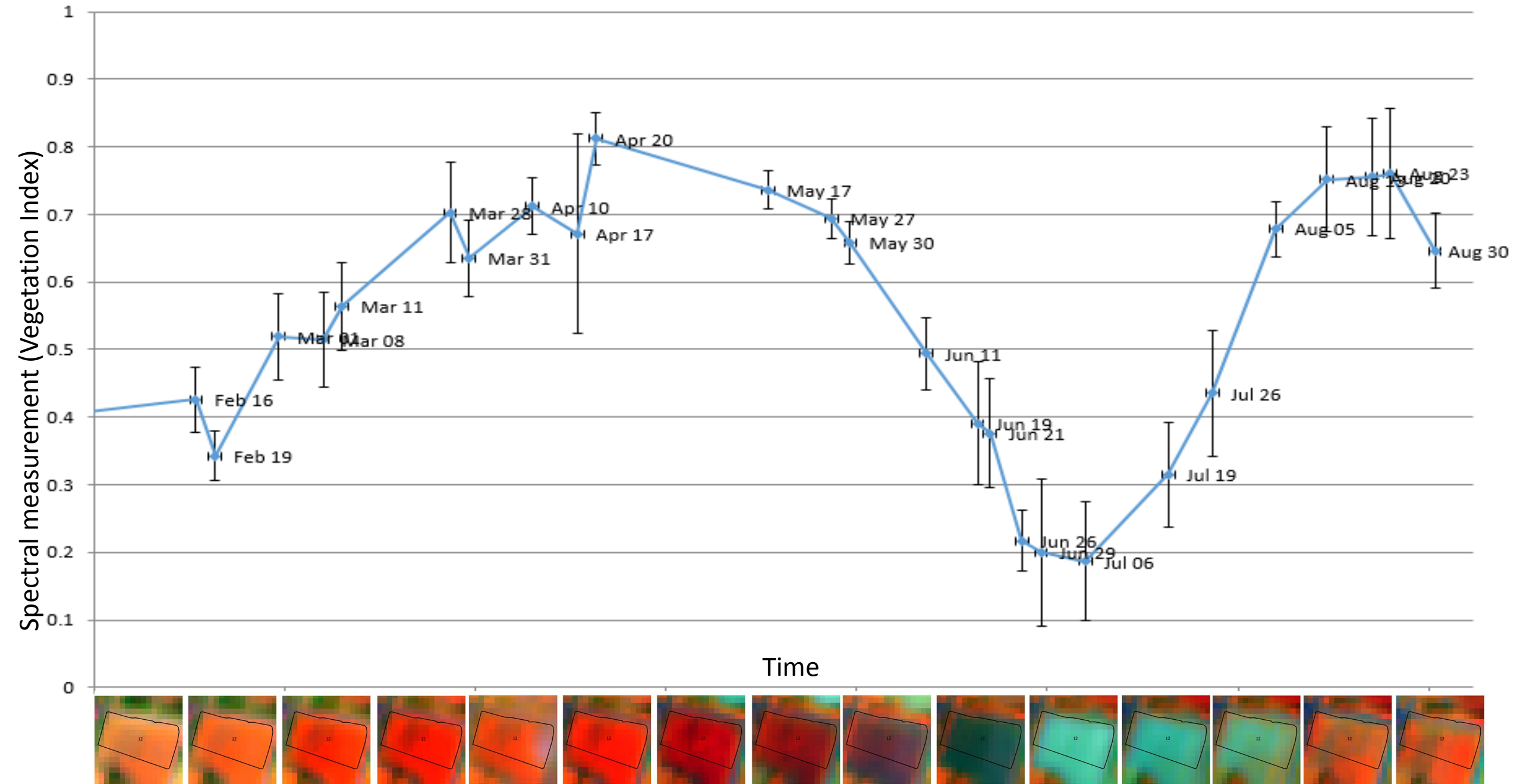
Ploughed



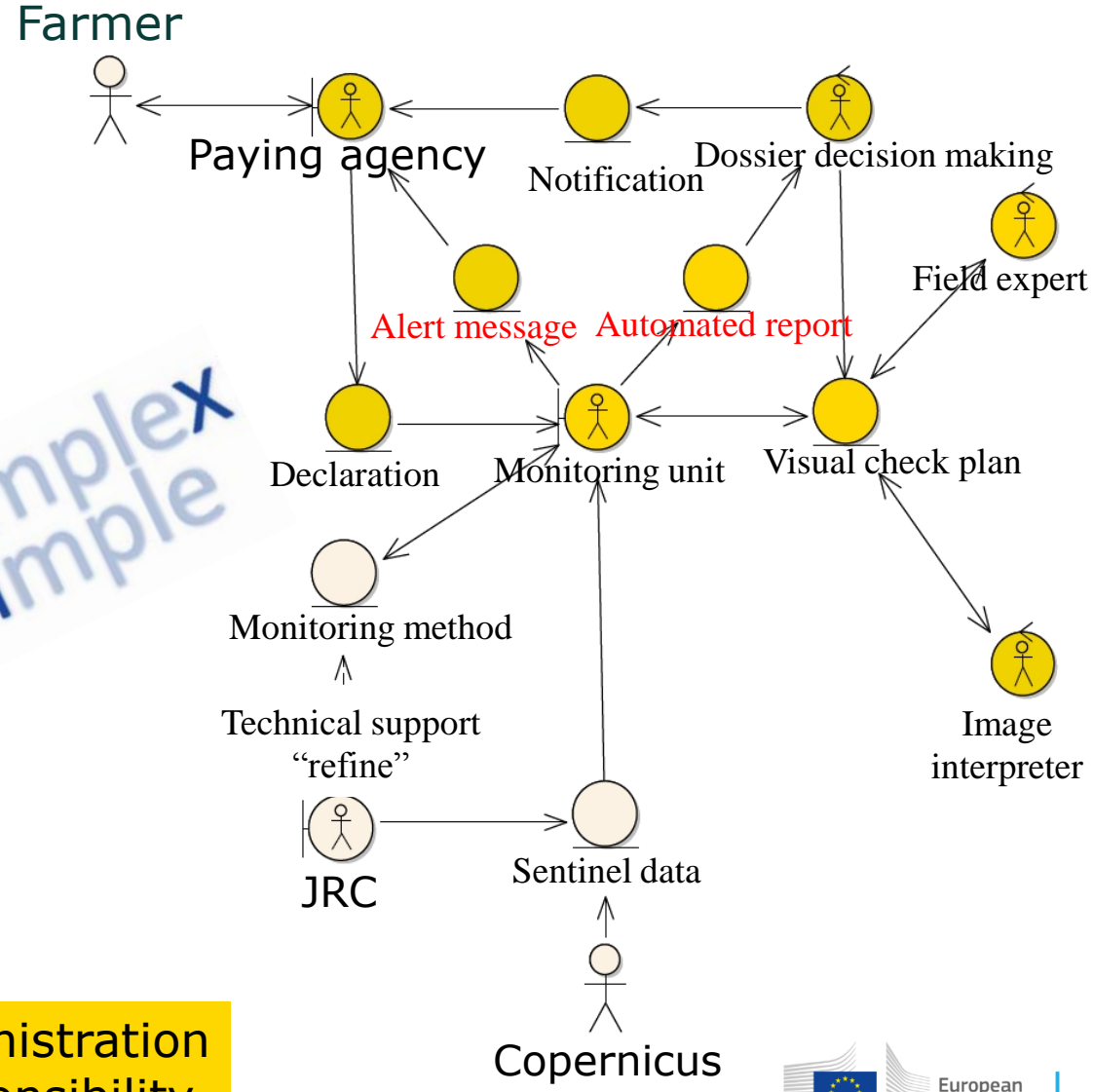
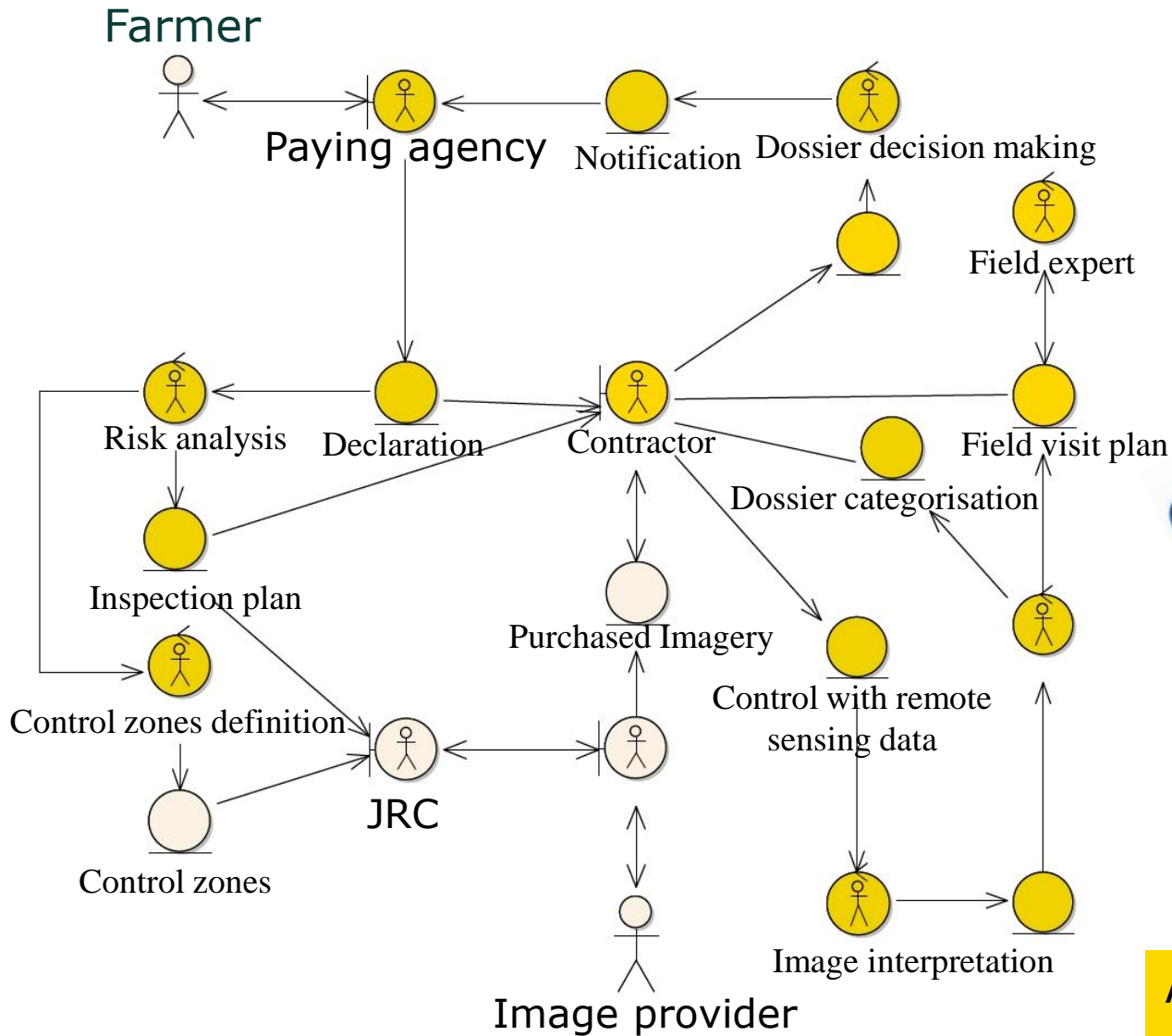
Replanted



Following crop condition and calendar from satellite



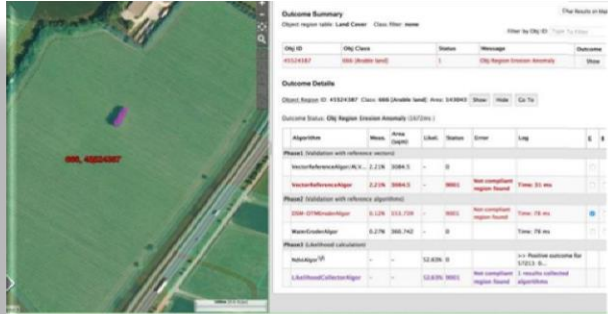
Immediate: from On-The-Spot Checks to monitoring



complex
simple

Administration responsibility

Technology that makes things simpler ...



CLICK HERE TO CONFIRM

Pre-filled digital application

Use of:
Cloud

Automated process

Simpler for farmer

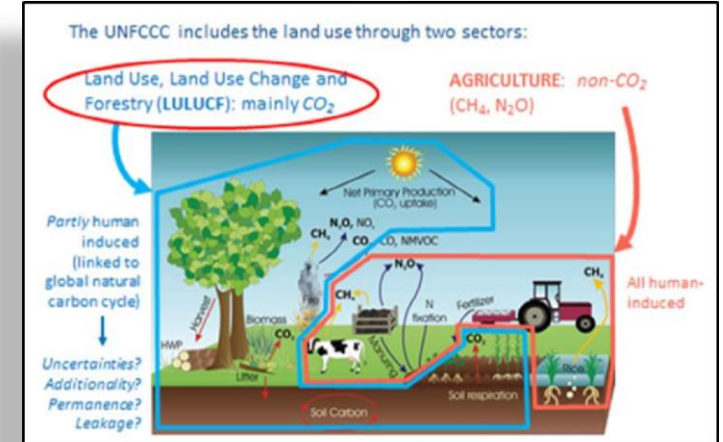


Data capture:

Geotagged/time stamped photos

Use of:
Galileo
Cloud

Simpler for farmer and administration

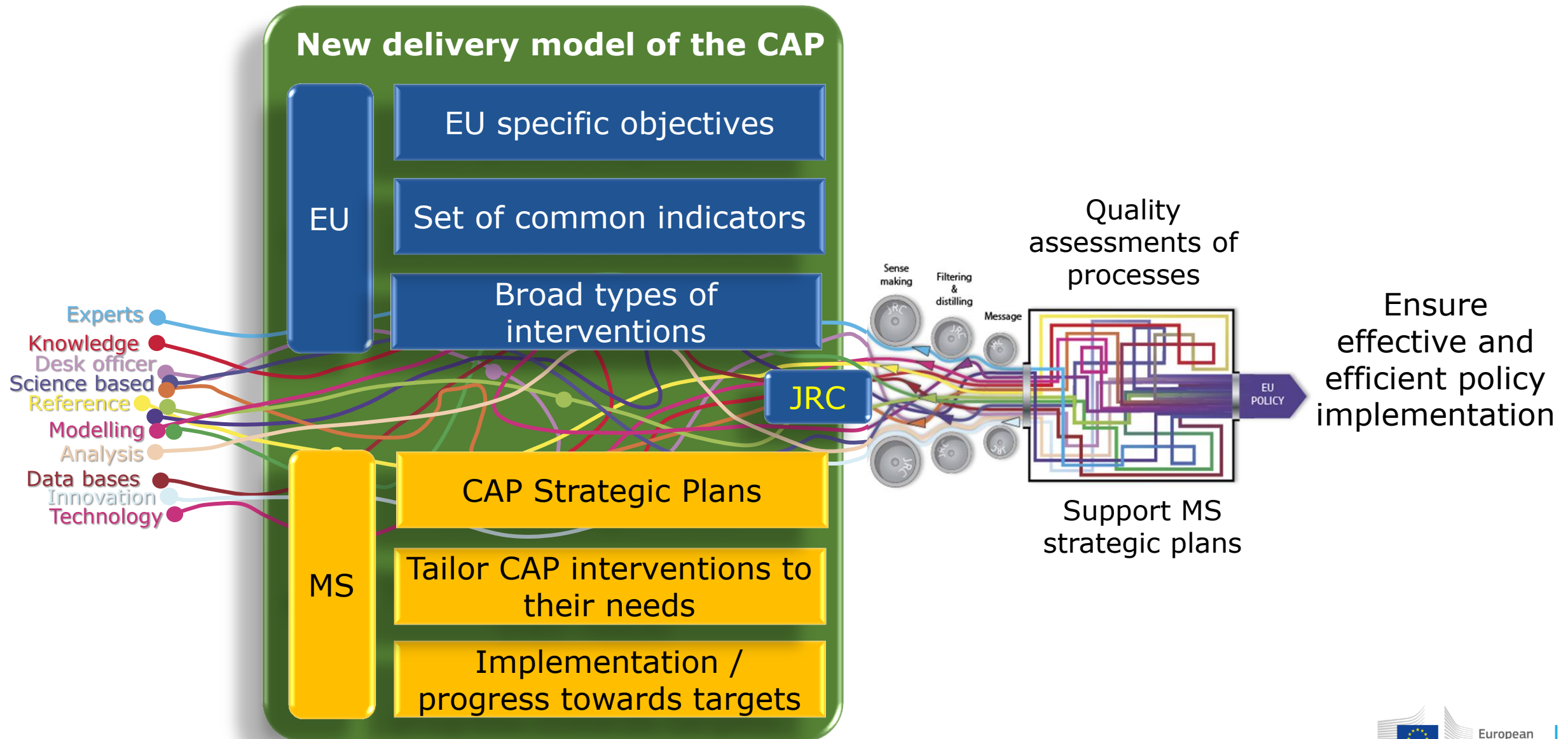


Interoperability allowing Automated reporting

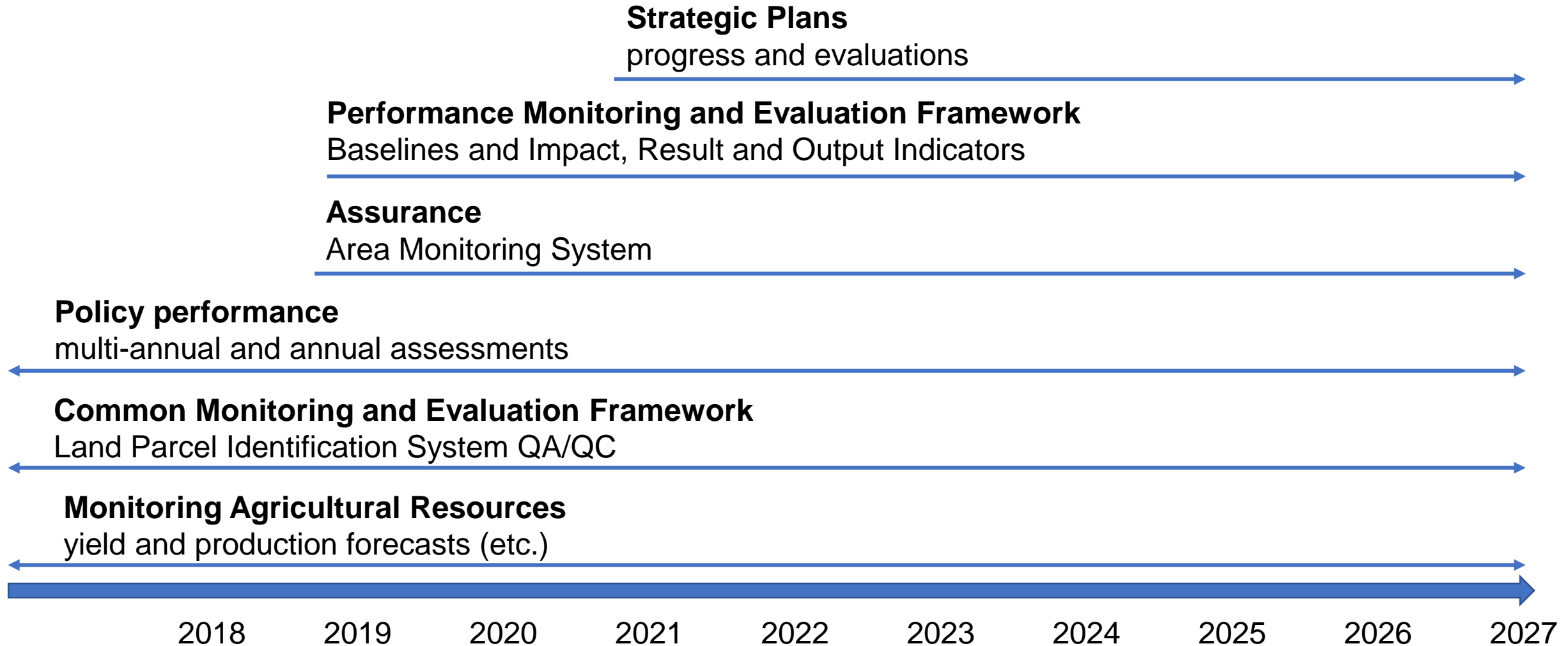
Use of:
Big data
Automated process

Simpler for administration

A role for JRC



Timelines



1990.... 25 + years of research and related support

Technology and simplification for the CAP

- ① Since the 1990's JRC has provided unstinting scientific and technical support to the CAP
- ② Rules and technology have always progressed hand in hand
- ③ The system behind may become more rich in data - but implementation and access to the policy will become easier
- ④ Europe needs its rural areas, and European rural areas need this modernisation - the science, the technology and the willingness to help are there

