

# The European Commission's science and knowledge service

Joint Research Centre

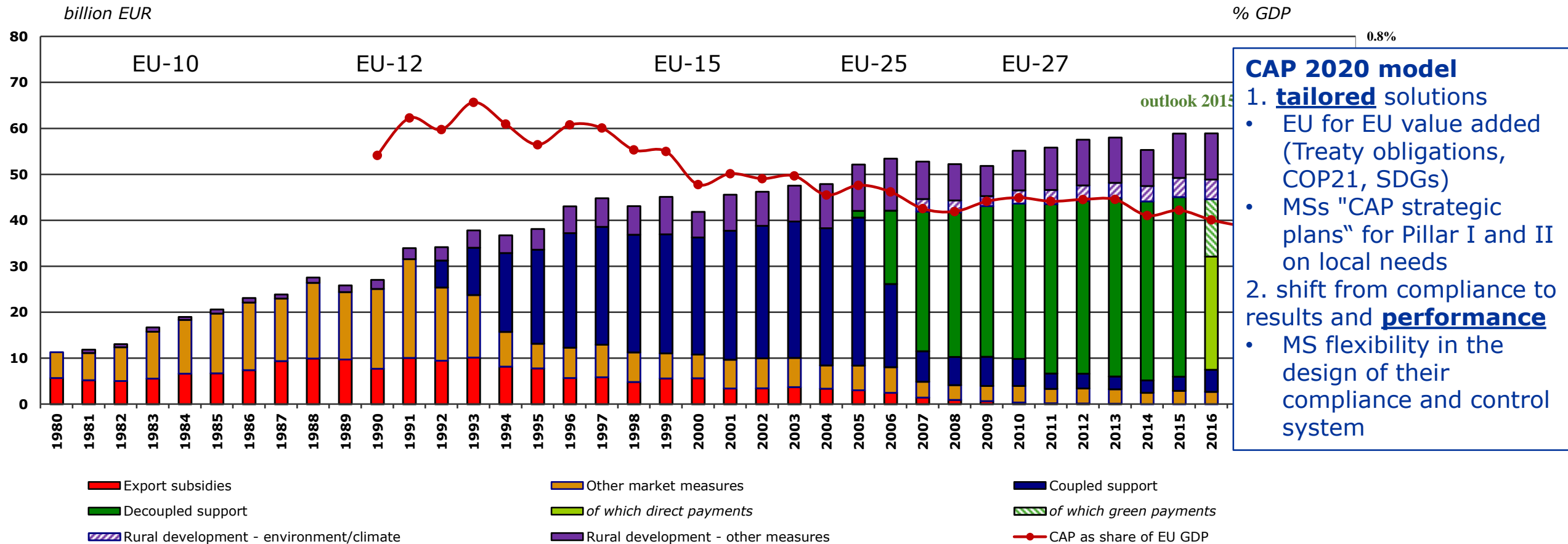


# **How will new technologies support the simplification and modernisation of the CAP2020?**

**Joint Research Centre – Ispra - Italy**

# The CAP policy context

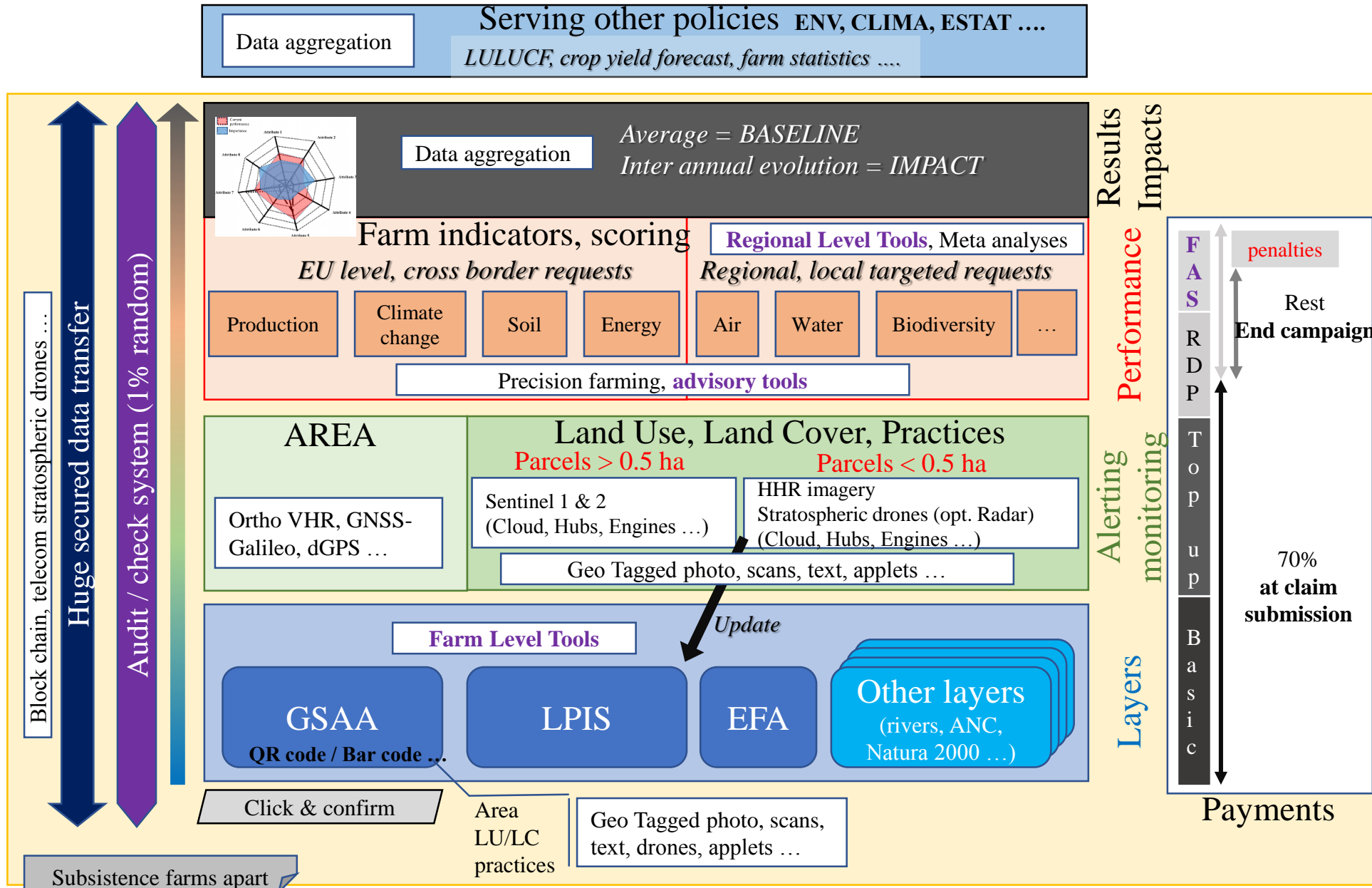
## CAP reform path and future challenges



Source: DG AGRI.

# Integrated Administration and Control/Monitoring System

Integrated Administration and Control/Monitoring System



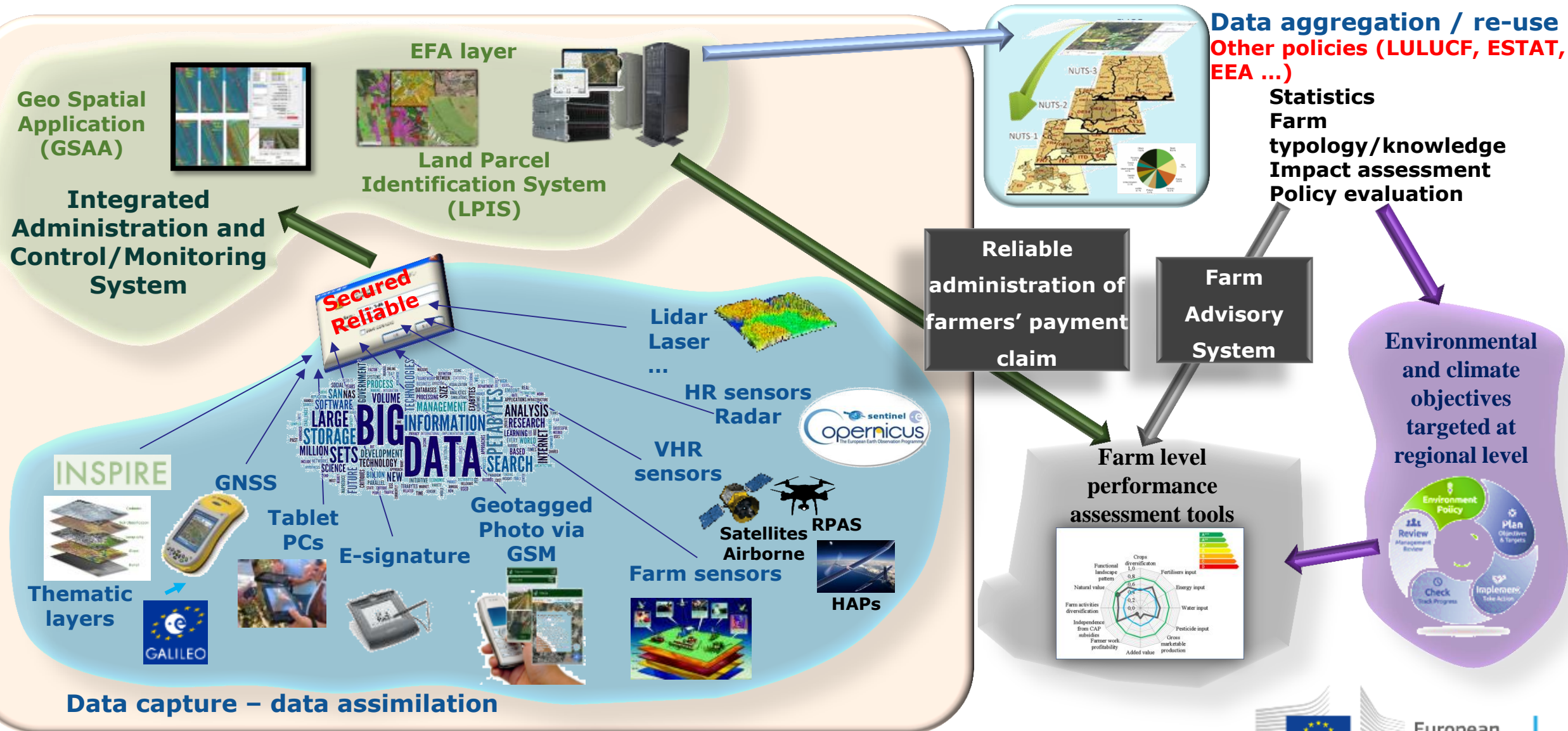
**IMPORTANT NOTICE!**

Proposed setting-up as starting point for developments





# New technology for CAP simplification and performance



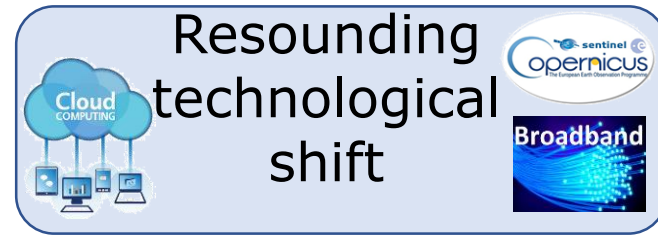
# Simplification of the CAP through monitoring 2018

Address sampling issue



5% of population  
Very detailed checks  
Many field visits

All EU farms  
Activities monitoring  
Few field visits



Application for both pillars



Agricultural parcels  
LULC compliance checks

Rural land  
Farming activities  
Monitoring / assessment

Address timing issue



Few snapshots  
Visual checks  
Time limited actions

Regular and numerous overviews  
Automated processes  
All year long monitoring

Lower error rate

Higher knowledge gain and transfer

Exhaustive EU agricultural land view

'click and go' applications

SMART farming

# Collaborative framework based on the farmland



different stakeholders – same goal

