













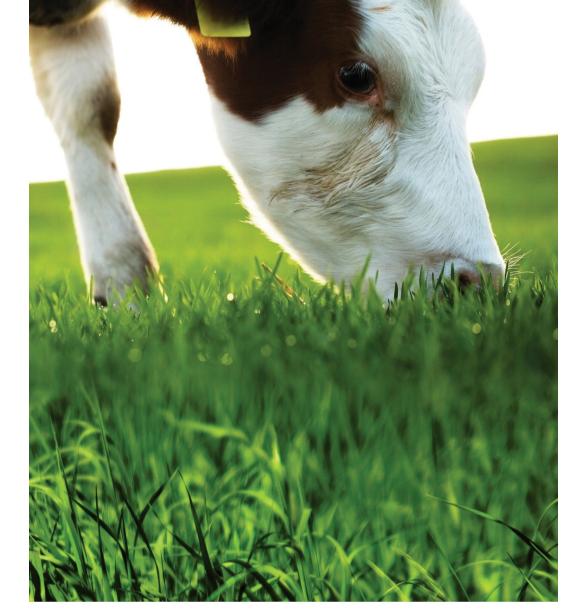
**Kevin Doolin** 

**Walton Institute for Information and Communication Systems Science** (formerly TSSG)





European Union funding for Research & Innovation







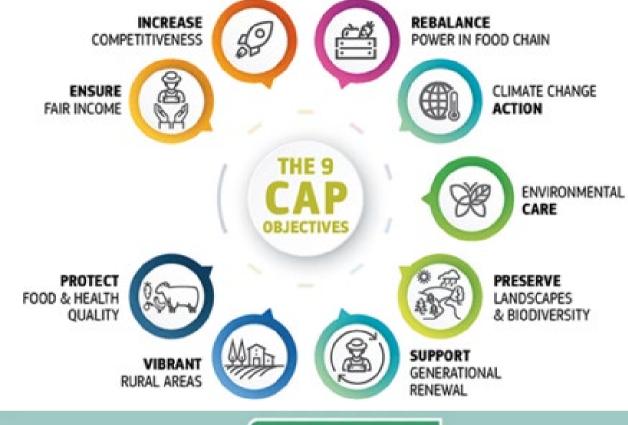






# **Sectoral Challenges**





### Digitalisation brings opportunities to the EU farming sector and rural areas...

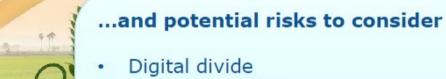
#### ... but there are limiting factors and bottlenecks to overcome

- Infrastructure / connectivity / broadband
- Farmers' awareness about benefits
- Farmers' skills
- Standardisation/interoperability of systems
- Data ownership

84 At ...

Financing investments





- Data ownership
- Increased concentration in the agri-food chain
- · Uncertain impact on jobs
- · Socio-economic impact overall









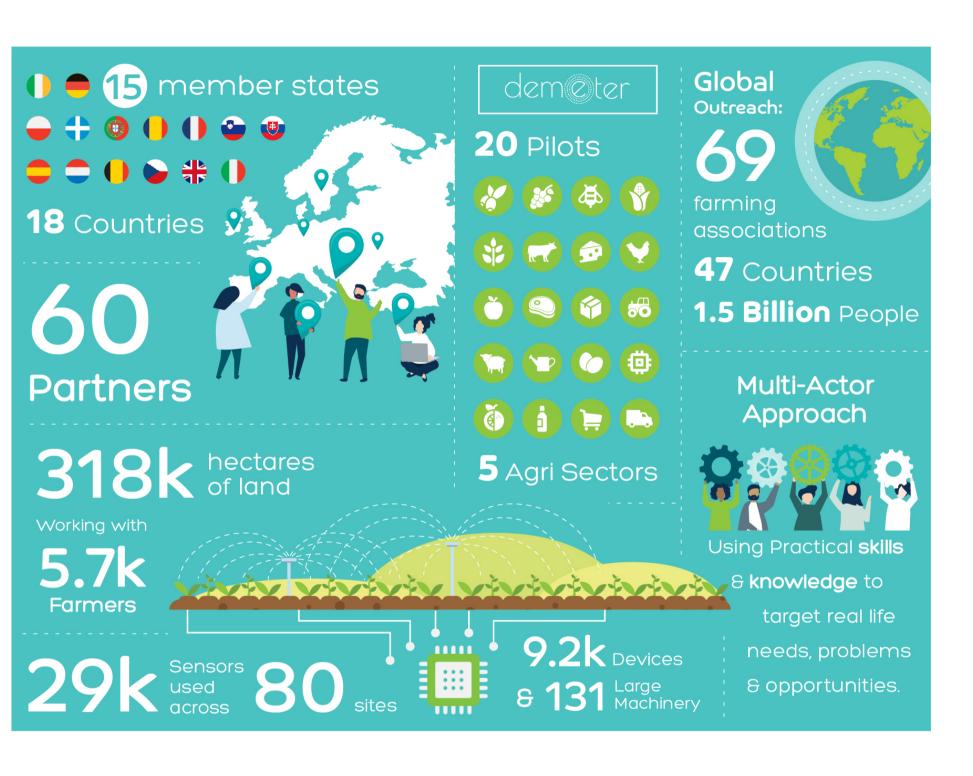
European Commission

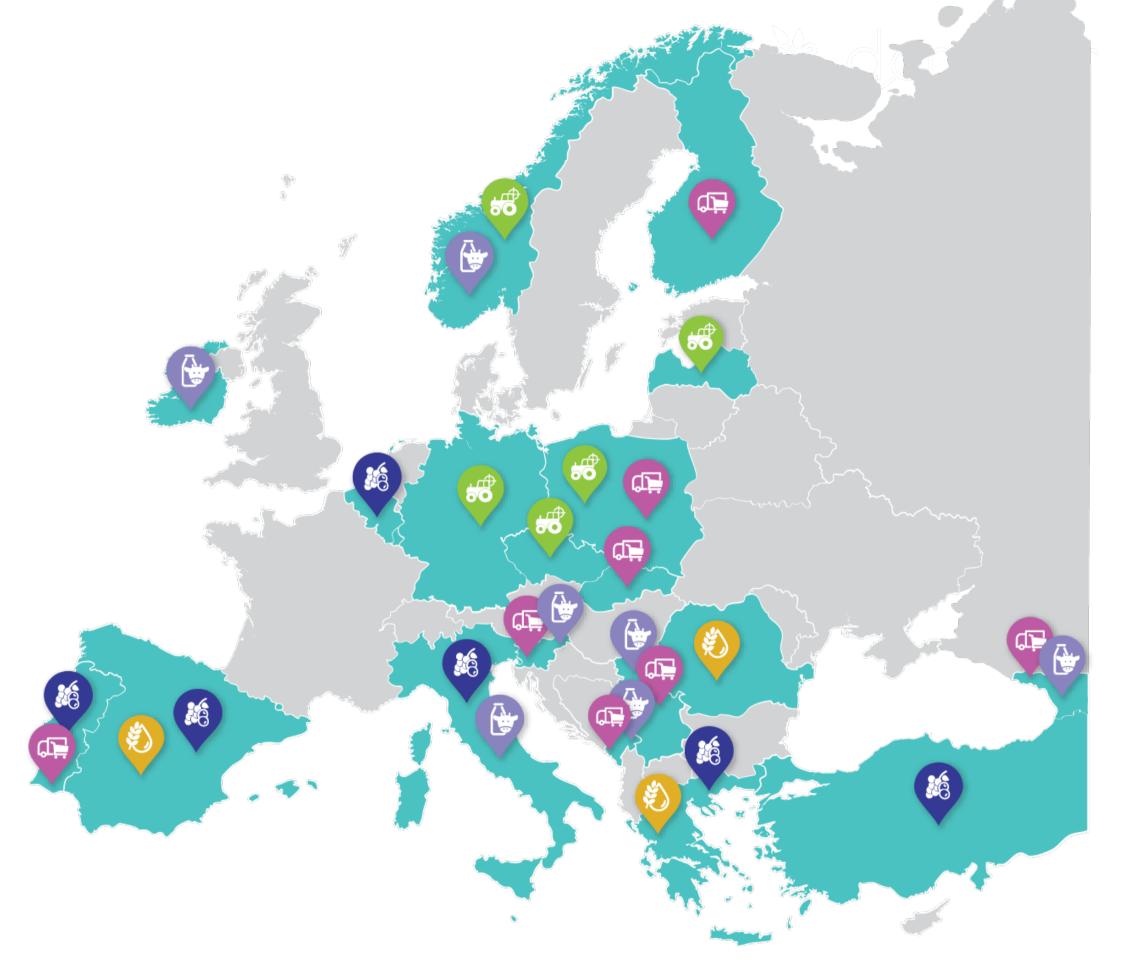






#### **DEMETER - In a nutshell**

















# **Utilising Nature's Data – DEMETER Pilots**















# Challenges and Recommendations

- FAIR Principles
- Benchmarking for Quality and Comparison
- Data Semantics
- Data Ownership

- Engage all stakeholders
- Demonstrate Value
- Data Openness
- Don't reinvent the wheel







# More Information and Get Involved

- www.h2020-demeter.eu
- twitter.com/H2020DEMETER
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- linkedin.com/company/h2020-demeter
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