

Typical Applications

Sentinel-based technology: targeted questions

E.g./

- On EFA fallow land: was maintenance performed in the [start_date – end_data] period?
- Was catch crop seeded by [end-date]?
- Were grassland eligibility conditions met?



















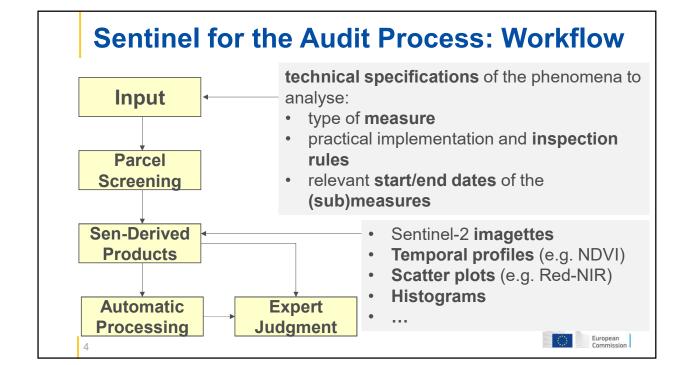








European Commission



Limits of S2-based Processing

Parcels have to meet minimum geometric requirements to enable Sentinel-based analysis

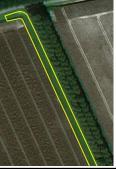
E.g./

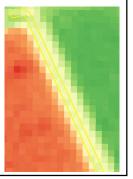
- Contain at least 8 Sentinel-2 full pixels
- Lose less than 60% of the pixels when applying a 5 meter buffer
- •

Test of geometric conditions

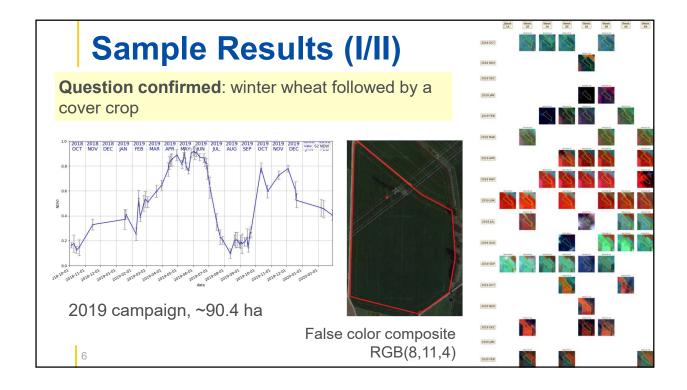
Images from open databases

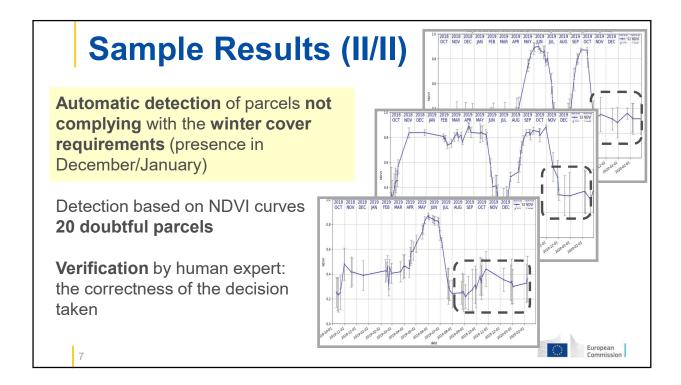






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Conclusions

Sentinel data: **potential** to support audit activities

Positive interaction between JRC, DG AGRI (audit) and PAs



Sentinel-based technology to answer targeted questions
(confirm/verify conditions): take advantage of context information to
improve performance (in progress)
... in principle this is not CbM

Wide range of products from Sentinel-2 (-1)

Interest from other **audit bodies** (e.g. ECA)

no **interaction** with the farmer, no possibility to

correct errors, ...

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