

Webinar outline



1. Welcome
2. Generic description of Sen2-Agri system
Focus to new users
3. Information about the release of the next version
4. **Round-table of Sen2-Agri users: experience sharing and open questions**
5. Sen2-Agri visualization tool

Users experience sharing



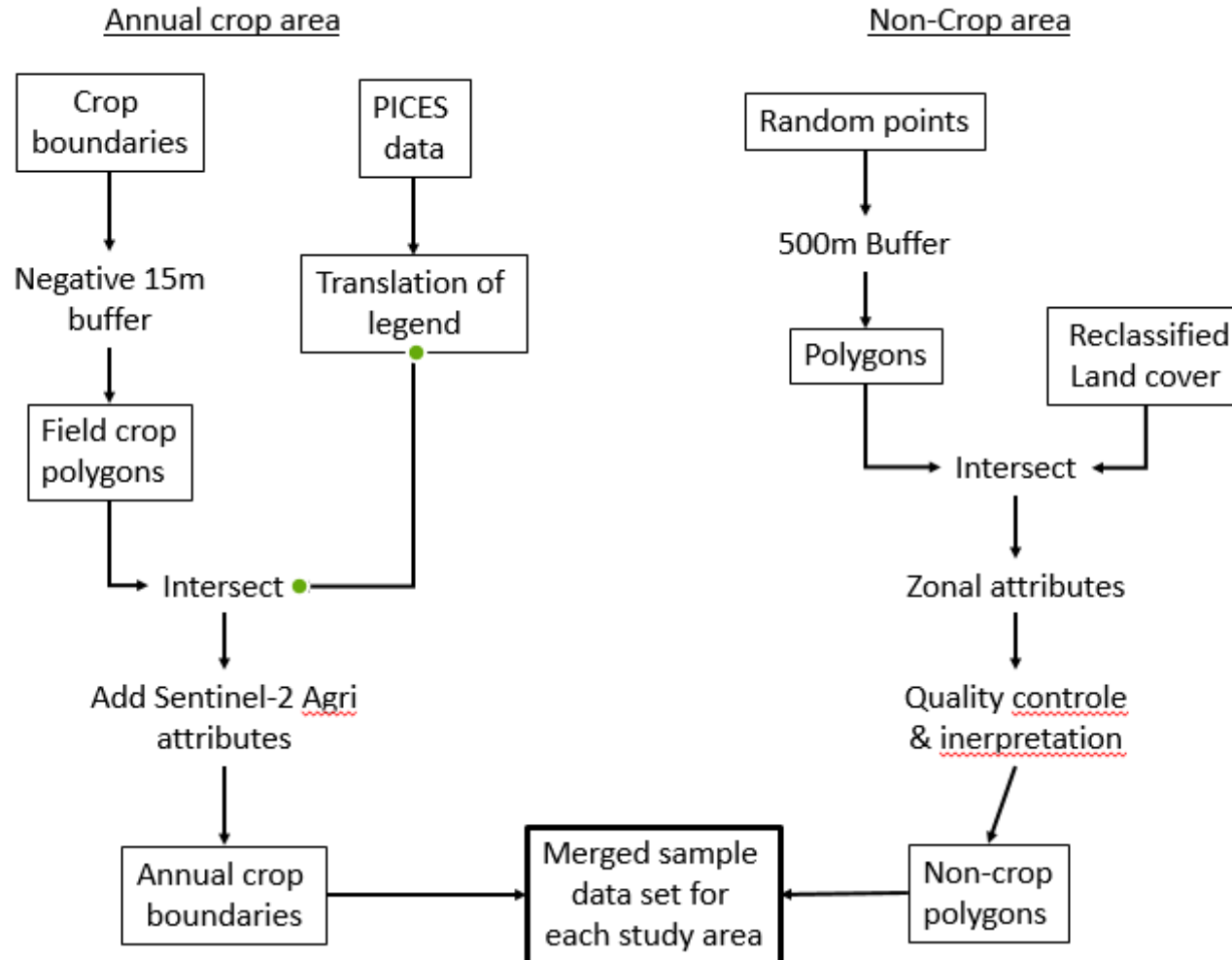
- ARC, South Africa
- Ministry of Agriculture, Sudan
- Hydromod, Portugal
- Other (talking or by chat)?
 - What is your interest for the Sen2-Agri system?
 - Did you already download? Install? Locally or on the cloud?
 - For which application, product and area?
 - Do you have any question?

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• HIGHLIGHTS

- ARC has successfully installed a server for Sen2-Agri system; now operational since December 2017
- South Africa National Satellite Agency (SANSA) has also the Sen2-Agri system but not yet running
- Western Cape department of Agriculture wants to run the Sen2-Agri system from the cloud but its not yet operational yet
- Field data collection will start in Febuary 2018, to test the system
- First products expected for the summer crops in March-April

Process



- Crop type Summer Crop Area: estimate the extend of the area for individual main crop types:
 - Maize:??
 - Sunflower:??
 - Soya beans:??
 - Sorghum:??
 - Grasses and fodder crops :??

Research Plans

- Repeat the same trials for different ecological regions in SA
 - Test agro-climatological regions to stratify the country
 - Extend to Western Cape, Mupumalonga and Limpopo and North West
- See if we can estimate yields from the mapped fields
- See how the Sen2-Agri system performs in small fields
- Now predict the actual yields from the mapped fields

- Just about to produce final statistics for the 2017 agricultural season
- Expectation to link the National Statistics with the Sen2-Agri crop maps – but not successful up to now because the system is not running
- Plans:
 - for the Hardware, at least 2 super computers are expected in February at the Ministry (FAO rep.) => let's wait and hope
 - For the know-how: the most weakness up to now => what can we expect as support?

Hydromod, Portugal



- New user, not involved in the demonstration phase
- System installed, still many questions and not yet fully operational, but first results are coming

- **L4B product**

(input data: corn, tomato and rice that are dominant crops near to Lisbon)

The screenshot displays the Sentinel-2 for agriculture monitoring web interface. The top navigation bar includes 'sites', 'products', 'system overview', 'dashboard', 'custom jobs', 'monitoring', and 'logout'. The 'products' section is expanded, showing a tree view of product levels: CorucheV10, CorucheV8, L2A Atmospheric correction, L3A Composite product, L3B LAI mono-date product, L3E Pheno NDVI product, L4A Crop mask product, and L4B Crop type product. Under L4B, three specific product IDs are listed: S2AGRIL4B_PRD_S21_20171215T114854_V20166702, S2AGRIL4B_PRD_S21_20171215T131825_V20166702, and S2AGRIL4B_PRD_S21_20171215T170543_V20166702. Below the list is a satellite image of a river area with crop classification overlays in orange and purple. The bottom of the interface shows 'Logged in as sen2agri' and the ESA logo.

