



# Sen4CAP


## Final User Workshop

*Jean-Luc Widlowski – AGRI.D3*

*4<sup>th</sup> March 2021*

# European Commission support to Sen4CAP

2016



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR AGRICULTURE AND RURAL DEVELOPMENT  
DIRECTORATE GENERAL FOR INTERNAL MARKET, INDUSTRY, ENTREPRENEURSHIP AND SME'S  
Directorate D. Direct support  
Space policy, Copernicus and Defence  
Directors

Brussels,  
D3/BR/cj Ares(2016) 7830056

**Subject: Cooperation between the European Commission and the European Space Agency (ESA) on the follow-up of the CzechAgri study**

Dear Mr Aschbacher,

Keeping in mind the calendar for the modernisation of the CAP, swift action would be required to launch these further pilot studies in 2017 which could be set up as a proof-of-concept to explore the capabilities of Copernicus Sentinels for on-the-spot controls and/or the update of the Land Parcel Identification System (LPIS).

For this purpose, DG AGRI is prepared to provide guidance to ensure the right focus in line with the policies and legal IACS requirements; it is also available to follow and support the user requirement definition as well as the assessment of the EO capabilities in the context of the CAP. The involvement of selected Paying Agencies and DG JRC is also essential for a success of the projects. The Paying Agencies will be instrumental to help the detailed and pragmatic definition of the requirements as well as to showcasing/validating the added value of EO information in their working environment. More generally, these pilot projects could be an element in considering an agriculture component into the Copernicus Services. A close link will be ensured among DG GROW, DG AGRI and DG JRC managing the Copernicus Agriculture Expert Group for a sustainable implementation of these applications. Summarising, it is important to ensure the willingness on both sides to work together, a mutual exchange of information, to enable both institutions to work not only towards the project but also for the best use of EO data and information for the modernisation of the CAP.

DG AGRI  
DG DEFIS  
DG JRC


2019

Both ESA and the European Commission have an interest in promoting and supporting the development of Earth Observation (EO) data and information for the modernisation of the CAP.

We have taken great interest in the Sen4CAP project which was successfully implemented in December 2015. The project has been successfully implemented in the context of the CAP and the opportunity to improve and to make the Land Parcel Identification System (LPIS) a promising way forward is clear. The use of Earth Observation (EO) data and information for the modernisation of the CAP and the opportunity to improve and to make the LPIS a promising way forward is clear. The use of Earth Observation (EO) data and information for the modernisation of the CAP and the opportunity to improve and to make the LPIS a promising way forward is clear.

Following these promising close cooperation with the Copernicus Sentinels in view of the current CAP and the opportunity to improve and to make the LPIS a promising way forward is clear. The use of Earth Observation (EO) data and information for the modernisation of the CAP and the opportunity to improve and to make the LPIS a promising way forward is clear.

With this letter, we acknowledge the work of the Copernicus Agriculture Expert Group (CAEG) and the national Paying Agencies (PAs) in conducting two or three follow-up pilot studies in the context of the CAP 2020 reform together with DG JRC) and the national Paying Agencies (PAs).



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR AGRICULTURE AND RURAL DEVELOPMENT  
Directorate D. Sustainability and income support  
Director

Brussels,  
AGRI.DDG2.D.3/JLW/CJ ARES(2019)6197506

**Subject: Extension of the Sen4CAP study**

Dear Mr Aschbacher,

Both ESA and the European Commission have an interest in promoting and supporting the use of Earth Observation (EO) and related capacities in the context of Agriculture. EU legislation offers Member States (MS) the choice to opt for Checks by Monitoring (CbM) as an EO-based alternative to traditional on-the-spot controls since claim year 2018. As such, we have taken great interest in the ESA-funded Sen4CAP study that, in cooperation with DG AGRI, GROW and JRC, aims to provide EU and national stakeholders of the Common Agricultural Policy (CAP) with validated algorithms, products and best practices relevant to the implementation of CbM.

We do appreciate that since 2017 the Sen4CAP project execution has considered many of the European Commission's suggestions made through the steering committee and so showed willingness to adapt to the ongoing policy developments. Recently, a major milestone was achieved with the release of the open-source Sen4CAP Earth Observation processing system (beta version). We understand that for the remainder of the project the

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As regards DG AGRI issues, please contact DG AGRI Unit (Philippe.Brunet@ec.europa.eu, tel. +32-229-53200). We would be pleased to be your contact point on your side to continue discussions.

We are pleased to see a fruitful and mutually beneficial cooperation between our institutions in the context of the CAP.

(e-signed)  
Philippe BRUNET  
DG GROW

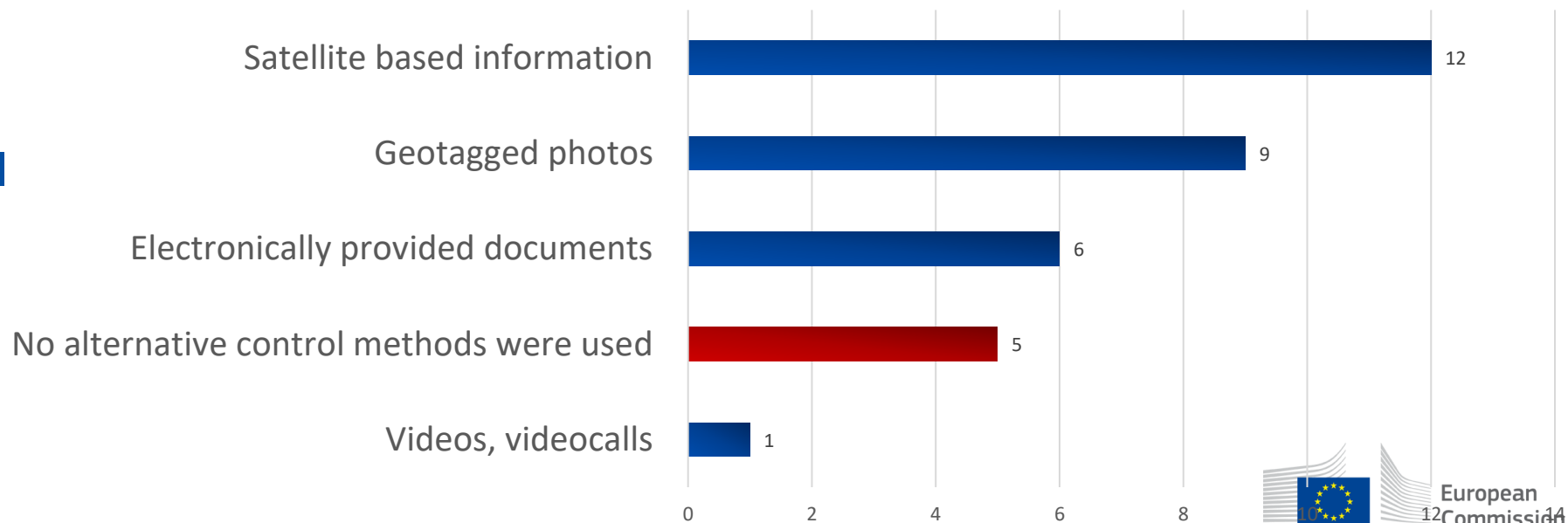
# What does the future hold?

**Challenges:** Technologies and Policy & User needs evolve. *Sen4CAP started in a compliance-based CAP while the next will be performance-based*

**Opportunities:** Covid-19 pandemic allowed to showcase the power of remote sensing for CAP controls.

Did your Member State use **alternative control methods** during claim year 2020?

If yes, which ones?



# What does the future hold?

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**Quality:** - DG JRC has developed a multi-tiered CbM QA methodology

**Policy:** - DG AGRI will present the AMS during the CDP of 24<sup>th</sup> March

# Thank you