

Title: Seamless CAP 2020 - be ready and start today

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CAP conditions are constantly evolving since the policy was initially shaped and technology innovations, configurable IACS systems, high-temporal availability of free satellite data, UAVs, Geospatial Intelligence, computing services and mature farm management systems together allow to address these new conditions.

Delivering a seamless CAP experience requires also to become more farmer-centric through new business models, architectural models and IT techniques that can simplify the CAP, diminish the burden of administrative and control requirements for Member States, and become more inclusive and easier for farmers.

We will introduce some new technologies and achievements, and how they are providing input to a knowledge system that allows seamless local-level monitoring through data aggregation, information processing and machine learning. Primary data (e.g. satellite images) and processed information (e.g. indices), currently available from several sources, are combined to create knowledge and to overcome limitations of individual sources.

Bringing elements together is possible through AgKnowledge platforms that are consuming and analysing information, beyond basic agricultural and environmental indices, using knowledge-based (KB) techniques to support human decision-making, learning and action.

A Knowledge System has been already proved to deliver today a 'seamless customer experience' on CAP support (e.g. 'Seamless claim') and/or new models incentivising beneficiaries willing to join performance-based payment schemes, although it still maintains the capabilities required to ensure accountability of CAP support and detection of irregular payments along the entire CAP payments chain by facilitating the aggregation of further linked, field-level and farm data.