



SMART FARM & AGRI-ENVIRONMENTAL BIG DATA VALUE

VISION



Develop an innovative, fully distributed, **Federated** rather than **Integrated** ADS



Increase end-users/farmers trust and confidence to agri-environment AI technology



Decentralized data capture management & In-situ on-device/edge real-time data upscaling



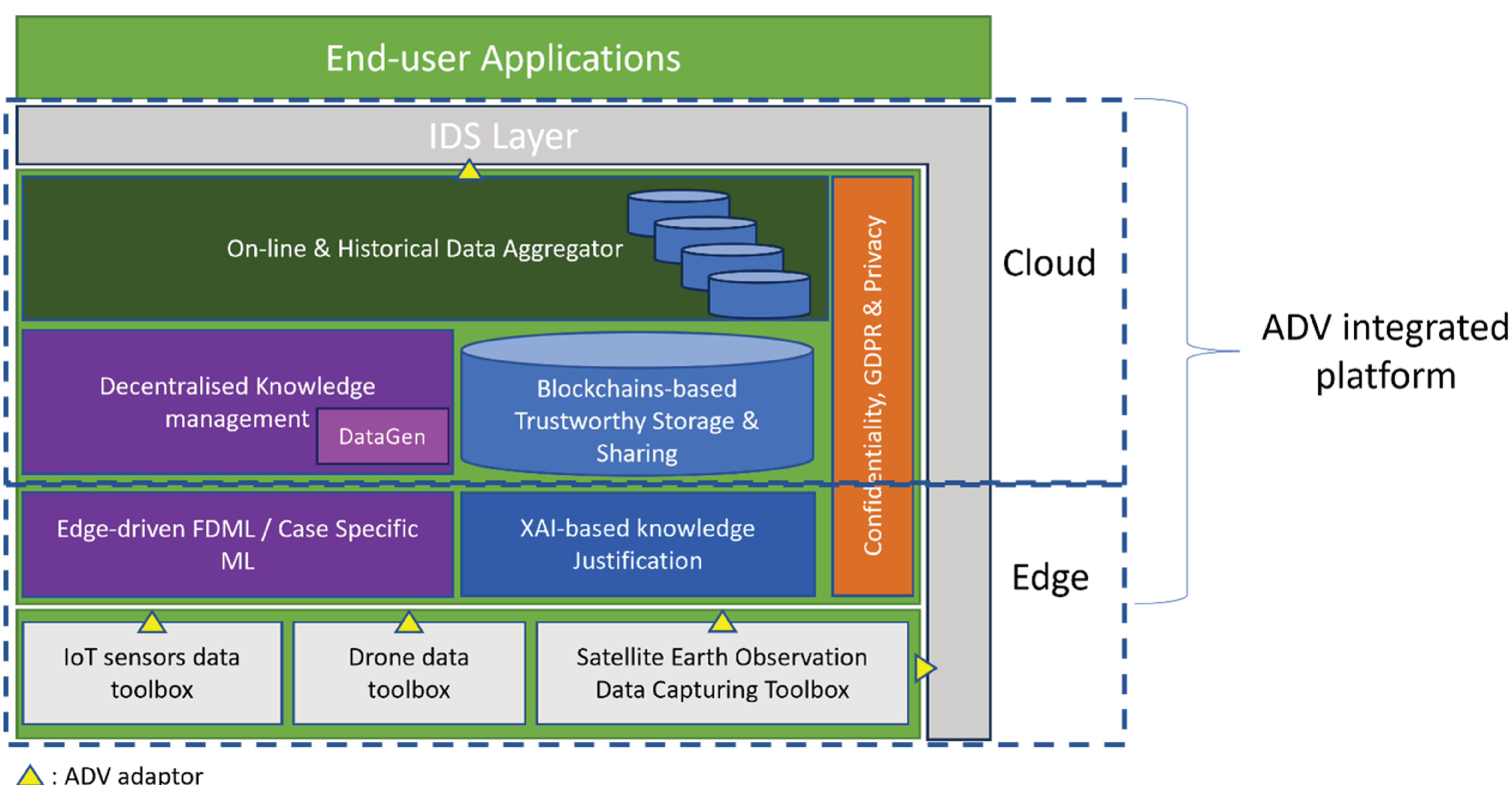
Innovative Business Models based on traceable use-case knowledge and data sharing



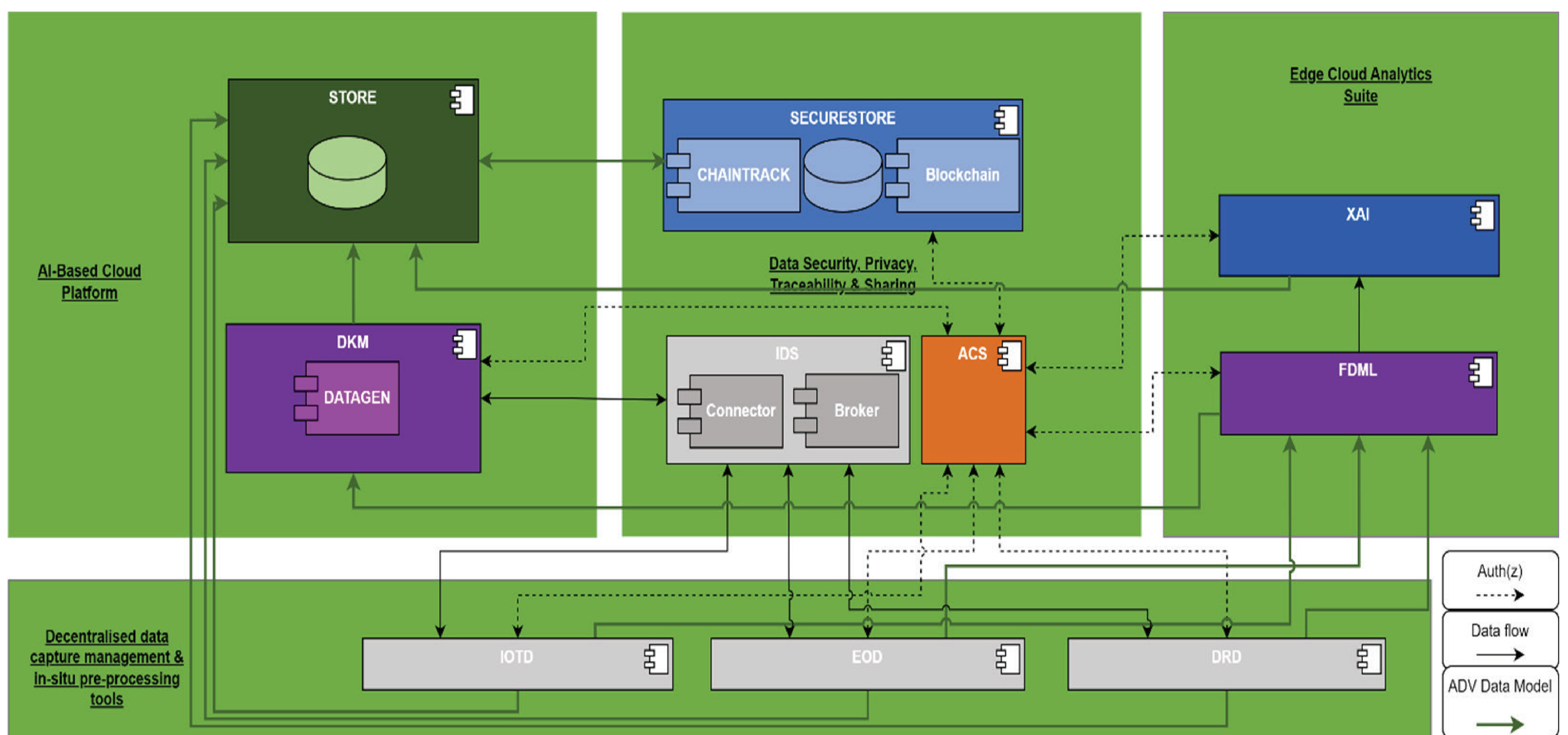
Farmers/Stakeholders production adaptation and behavioural change to climate policies

- Decentralized data capture management & in-situ processing tools
- Edge cloud analytics suite
- AI-Based Cloud Platform
- Data Security, Privacy, Traceability & Sharing
- Crop/Livestock Monitoring, Land Use, Climate Change Use Cases

High-level reference architecture overview



Functional view



AGRIDATAVALUE IN NUMBERS

- 23 Pilots in 9 Countries
- Representing More than 181,000ha
- 25 Types of Crops that Span from South-West to North-East Europe
- More than 2,000 animals of 5 types.
- More than 4,500 additional Sensors will be Installed

Consortium Partners



Duration
February 2023
-January 2029

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