IACS DATA SHARING
NEW IACS VISION in ACTION - NIVA

26th MARS Conference - Barcelona - 12-14 September 2022

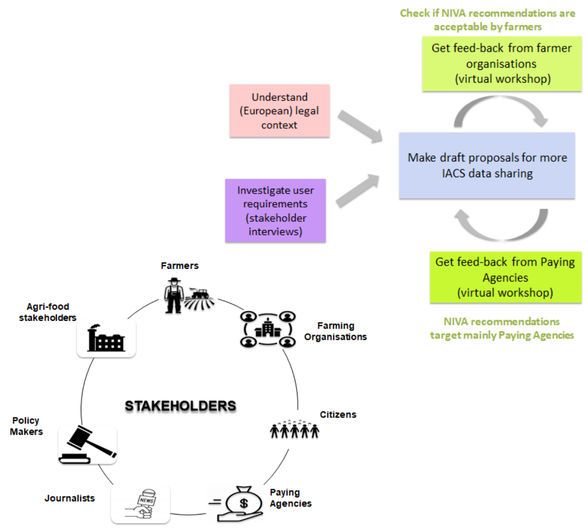
European Commission

NIVA
NEW IACS VISION IN ACTION

NIVA H2020 PROJECT
www.niva4cap.eu

Context and objectives

- Agriculture is a key activity having strong impact on environment and society.
- The IACS data would be of interest for many stakeholders other than just Paying Agencies.
- NIVA projects aims to encourage IACS data sharing in order to optimise the benefits for society, but without harming farmers and without breaking data protection laws.
- NIVA project is providing general recommendations at European level, mainly targeting Paying Agencies.



NIVA methodology to prepare recommendations for IACS data sharing

Stakeholders who may benefit from IACS data sharing

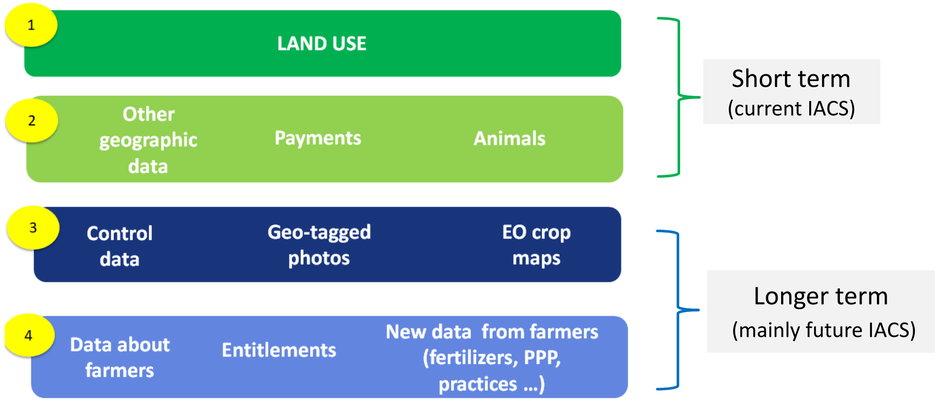
IACS data sharing considerations

FINDING	Mandatory data sharing	Guaranty about data use	Distinction public/secret	Get farmer(s) agreement
SOLUTION	Open data	Licensing conditions	Data preparation	Discussions with farmer organisations
	There is general agreement that at least a few set of IACS data (geographical data) should be publicly available.	Farmers want to know who is going to use their data and for which purpose. Licensing conditions may for instance restrict use of some IACS data to public bodies, researchers and/or farmer organisations.	Farmers consider that some of the data they provide to IACS is personal or secrete data. Instead of publishing raw IACS data, Paying Agencies may prepare them in order to make them less secrete, less private (anonymisation, aggregation, rounding, simplification, indicator computation …).	Discussions with farmer organisations should enable to find right balance between data publication and data protection. Global agreement will entail farmer trust about IACS data sharing.

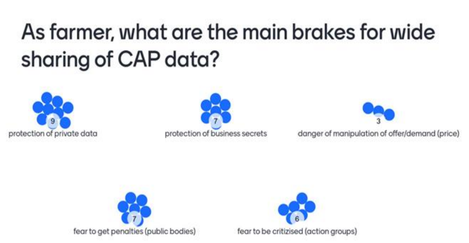
Findings coming from stakeholders interviews (research, farmer organisations, statistics, environmental bodies)

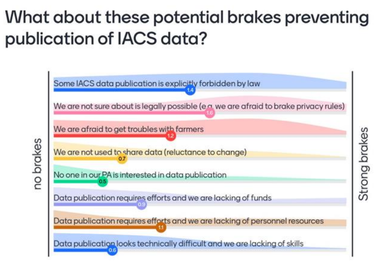
Priorities for IACS data sharing

- First priority is Land Use data, i.e. agricultural parcels with their crop types, that is both widely required by users and by law (INSPIRE, article 67 of new CAP)
- Second priority is current IACS data required by law, such as Land Cover data, landscape features (INSPIRE), data about payments (CAP article about transparency) and data about animals (mentioned in the draft list of High Value Datasets).
- There is also some demand (citizens, farmers, researchers …) for the IACS data generated by controls. When setting up the new Area Monitoring System, Paying Agencies are invited to make it transparent by publishing some of this control data.
- More care is necessary before sharing sensitive data about farmers or entitlements.
- All data sharing solutions (table above) will be necessary to find and ensure right balance between the strong user requirements for new CAP data (detailed agricultural practices) and the strong reluctance of farmers to have their data published.

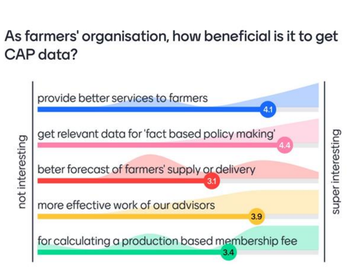


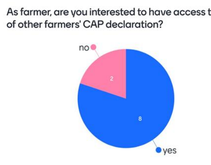
Other key findings

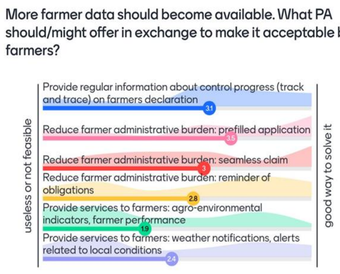




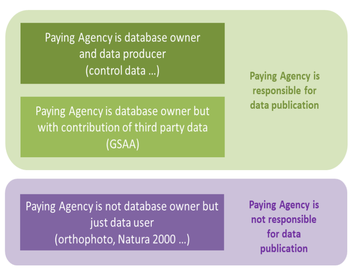
Farmers, farmer organisations and Paying Agencies see the drawbacks of IACS data sharing



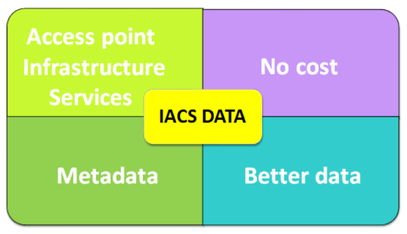




But they also see the interest of and possible solutions for more IACS data sharing.



Definition of responsibilities is a preliminary step before IACS data sharing.



Technical interoperability is also required: users want free and easy access to well-documented and good IACS data (better harmonised, more up-to-date).

Conclusions

There is clearly a strong demand for more IACS data to be available for more users, this demand has been recognized by several regulations at European level (INSPIRE, Open data, new CAP) and in some Member States also by national regulations.

Therefore, the role of Paying Agencies as data provider should be recognized and Paying Agencies should get the necessary financial, material and human resources to ensure this role.

To know more, contact dominique.laurent@ign.fr or visit NIVA web site:

https://www.niva4cap.eu/wp-content/uploads/2021/11/D3.7-Guidelines-to-cope-with-legal-issues-v1.1.pdf

https://www.niva4cap.eu/workshop-for-paying-agencies-on-iacs-data-sharing/ https://www.niva4cap.eu/niva-farmers-workshop/

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