

TESTIMONIALS OF EXISTING PLATFORMS

Spyros Fountas



21st February

EU-FarmBook Platform Day

Brussels

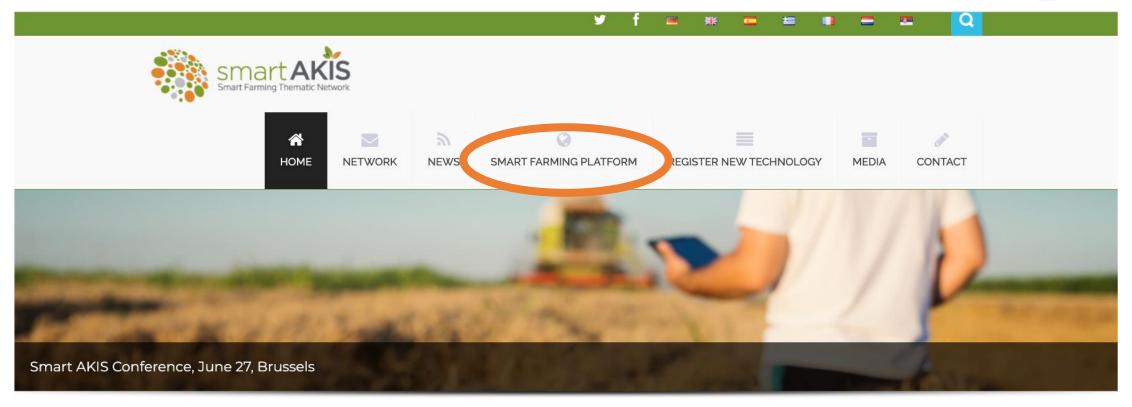
EU-based digital knowledge reservoirs for the agricultural sector

Spyros Fountas, Professor
Agricultural University of Athens
Greece



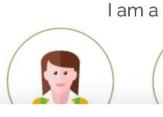
"smartAKIS" platform was just the beginning

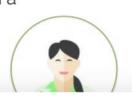








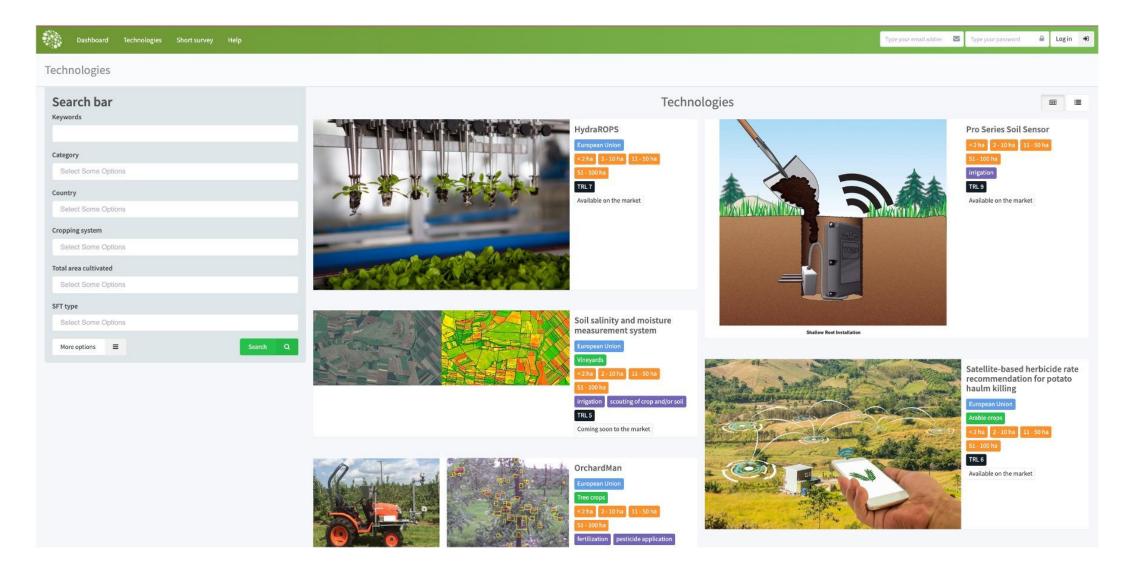






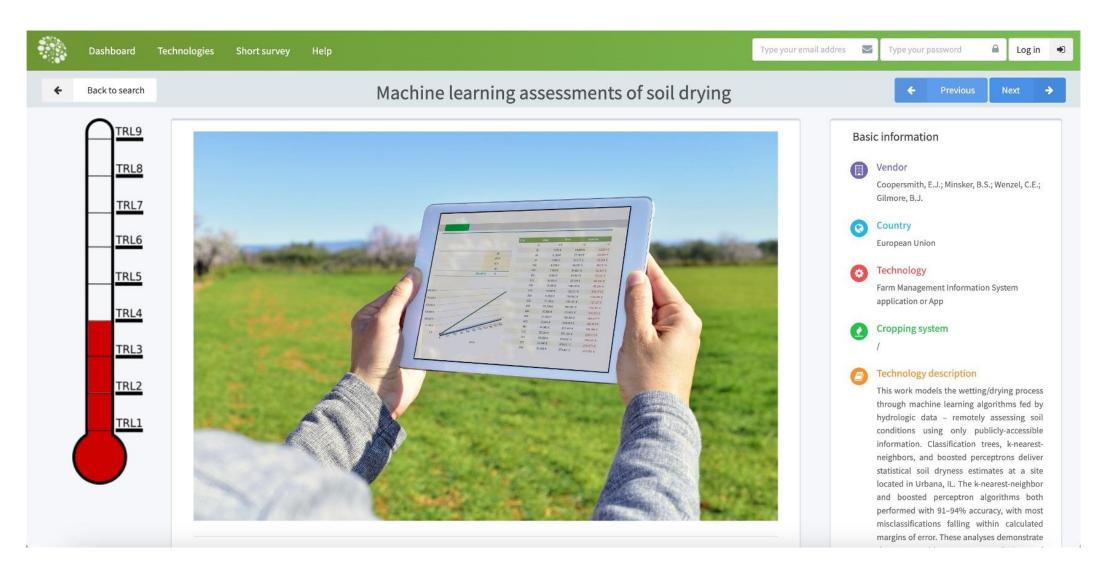
"smartAKIS": Smart farming technologies for all actors





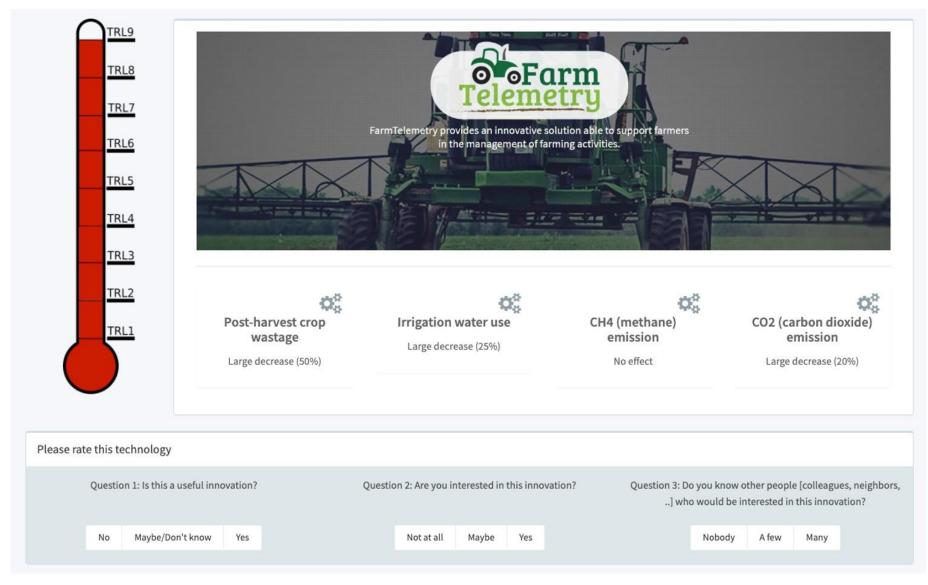
"smartAKIS": Engaging presentation with metadata and resources





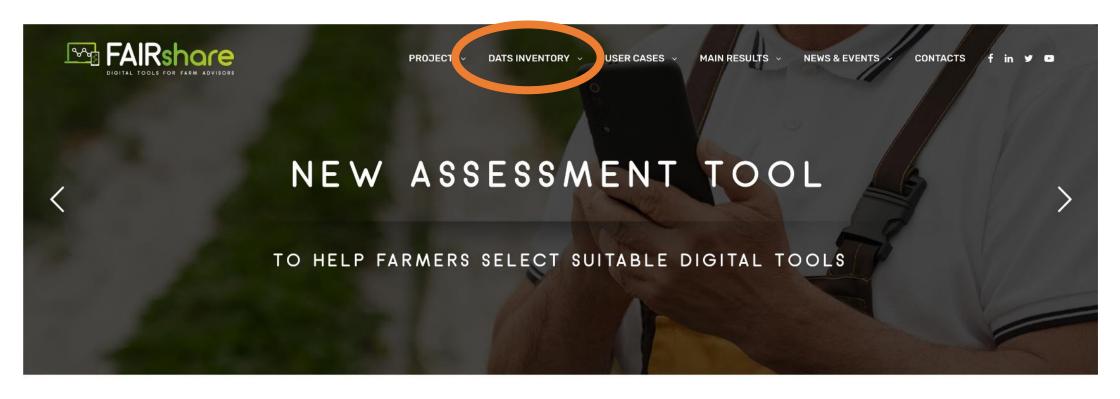
"smartAKIS": Technology evaluation, feedback and interaction with users





"FAIRshare": Digital Advisory Tools and Services all in one platform





FAIRShare News

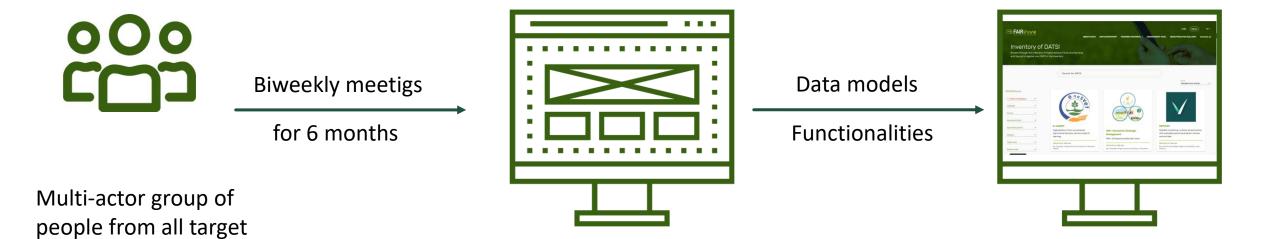


"FAIRshare": The design process

audiences (advisors,

farmers, industry)

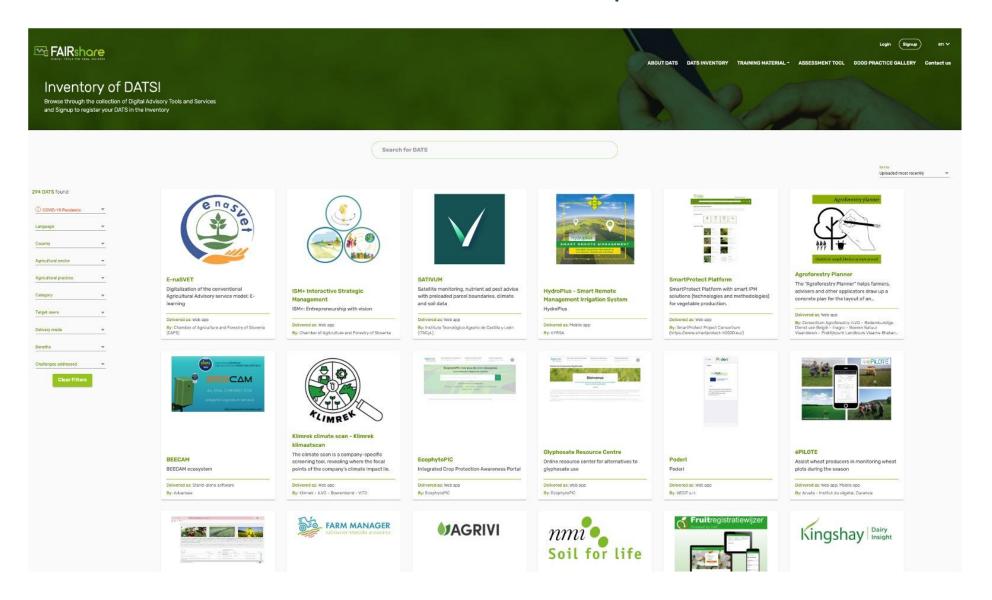




Continuous integration of users' feedback throughout an iterative process

"FAIRshare": 300 DATS for the advisors across Europe





"FAIRshare": Rich set of information for each DATS



Klimrek climate scan - Klimrek klimaatscan &

The climate scan is a company-specific screening tool, revealing where the focal points of the company's climate impact lie. Uploaded by Engels Elly



Who is it for

How it works

Why use it

Klimrek is a VLAIO agriculture project in which ILVO, Boerenbond and VITO work together on a climate trajectory for dairy farmers, pig farmers, and arable farmers with potatoes in the cropping plan.

To this end, a climate consultant 'goes out on the farm' with a targeted climate scan and climate course to support farmers in switching to a more climate-friendly and climate-robust business management, also taking into account practical and economic feasibility.

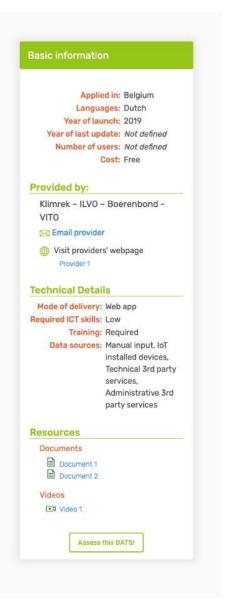
A climate scan based on a life-cycle analysis (LCA) is developed per sector, with which the climate consultant visits the farmer to collect the necessary data.

That climate scan is a company-specific screening tool, which makes clear where the focal points in the company's climate impact lie. With that insight, the consultant can select climate measures tailored to the farm. The consultant then visits the company to present and discuss these measures with calculated scenarios. At the same time, a cost-benefit analysis is drawn up to estimate the economic feasibility.

Keywords: Climate scan - climate pathway - climate impact - climate measures

Klimrek is een VLAIO-landbouwtraject waarin ILVO, Boerenbond en VITO samenwerken aan een klimaattraject voor melkveehouders, varkenshouders, en akkerbouwers met aardappelen in het teeltplan.

Hiervoor gaat een klimaatconsulent 'de boer op' met een gerichte klimaatscan en klimaatkoers om de landbouwers te ondersteunen bij het overstappen naar een meer klimaatvriendelijke en klimaatrobuuste bedrijfsvoering waarbij ook praktische en economische haalbaarheid in rekening worden gebracht. Per sector wordt een klimaatscan op basis van een levenscyclusanalyse (LCA) ontwikkeld, waarmee de klimaatconsulent bij de landbouwer langsgaat om de nodige data te verzamelen.



"FAIRshare": Identify target user and focus on specific needs

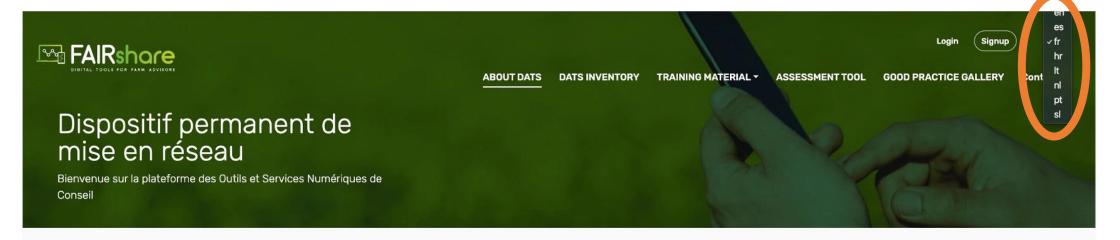


Who is it for	How it works	Why use it
Klimrek climate scan - Klimrek klimaatscan is desi	gned for:	
Farmers/Cooperatives		
∰ Agronomists/Advisory services		
who are active in: Arable farming		
Dairy (cattle, sheep, goats)		
Meat (cattle, pigs, sheep, goats, poultry, rabl	oits, snails)	
Forganic and non organic		

Challenges addressed:	
Plant protection management Water management Nutrition/Fertilisation management Strategic planning Finance and budgeting Sustainable food production and healthy	
	Water management Nutrition/Fertilisation management Strategic planning Finance and budgeting

"FAIRshare": Interface accessible in 11 languages





Que sont les DATS?

Les outils et services numériques de conseil (OSNC) sont des technologies qui incluent des applications et des services pour ordinateurs et pour Smartphones. Ils peuvent être autonomes, sur des appareils individuels, ou être connectés via le Web. Leur fonction principale est d'aider les conseillers à fournir un service d'aide à la décision centré sur les agriculteurs, ou d'aider les conseillers sur des tâches administratives ou de communication.

Les OSNC permettent de collecter, analyser et partager des données / informations entre des agriculteurs et leurs conseillers, et / ou entre les agriculteurs et d'autres agriculteurs. Le terme OSNC comprend l'association des bases de données utilisateurs et des technologies de transmission de données, qui permettent aux technologies destinées aux conseillers et aux agriculteurs de fonctionner efficacement. Sont également inclus des outils prêts à l'emploi, ainsi que des outils personnalisés, qui facilitent l'aide à la décision grâce à l'enregistrement des

"FAIRshare": DATS Inventory updated frequently with new functionalities



Key points Is User friendly Tool can be accessed online and offline	Advisor Score	Target Score	Remarks
Tool can be accessed online and offline			Easy to use
Multilanguage Tool	▼		
Uses Open Standards, Open Data, Open Source, and Open Innovation			
Is free Requires training			Free for advisors
# Download the Assessment Tool (in	xlsx forma	t) in your lan	iguage!
Select one of the following languages to download the correspond	ding form.		
Croatian Dutch English	French	German	Greek

"SHERPA": A repository of research outputs from projects related to rural topics





SHERPA REPOSITORY

RURAL H2020

USER MANUAL

SHERPA OFFICIAL [

WELCOME TO SHERPA RURAL PROJECT REPOSITORY

The SHERPA repository is a compilation of research outputs and findings from past and on-going projects related to rural areas.

It enables searches for outputs, findings and recommendations from research projects by topics relevant to rural areas of Europe.

It provides outputs of analysis of projects by topics and keywords, funding and research programmes. The Repository also provides access to the sets of SHERPA Discussion and Position Papers on selected rural topics.

"SHERPA": Covering the most challenging rural topics



Long-Term Vision for Rural Areas



Biodiversity



Climate change and environmental services



Change in production and diversification of the rural economy



Social dimension of rural areas



Digitalisation in rural areas



Climate change and land use



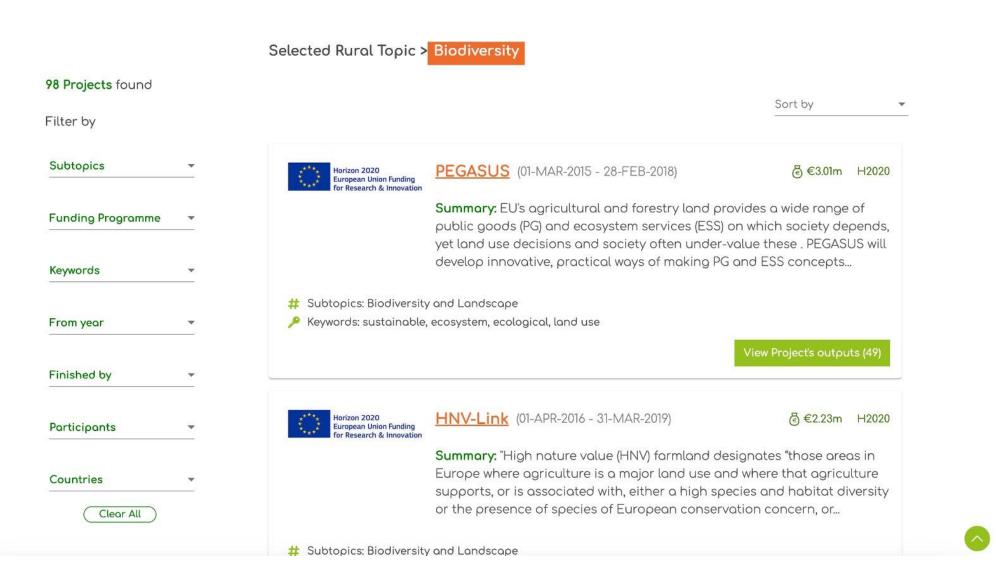
Towards sustainable and resilient value chains



View relevant projects

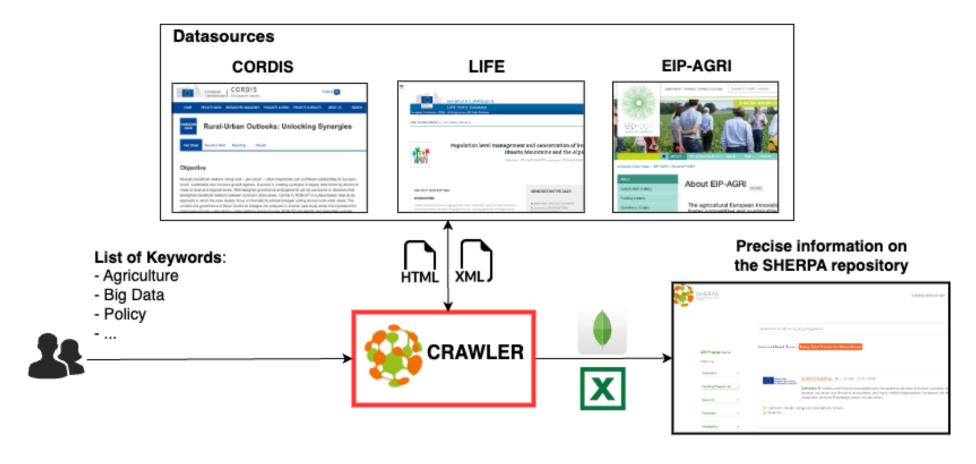
"SHERPA": Rich set of functionalities to reach to specific and targeted results





"SHERPA": A powerful crawler engine developed for the project's needs





- 1. Thousands of projects from different datasources are analyzed in less than 24 hours.
- 2. Most relevant projects are ranked according to several factors (keywords, date, etc.).
- Deliverables of the most relevant projects are also analyzed and ranked.
- 4. The crawler processes XML and HTML inputs and exports results into CSV (Excel) and JSON (MongoDB).

"SHERPA": Summarisation of each project's results powered by Al



PROJECT'S OBJECTIVE

EU's agricultural and forestry land provides a wide range of public goods (PG) and ecosystem services (ESS) on which society depends, yet land use decisions and society often under-value these . PEGASUS will develop innovative, practical ways of making PG and ESS concepts accessible and operational: it will identify how, where and when cost-effective mechanisms and tools for policy, business and practice can most effectively be applied, increasing the sustainability of primary production in pursuit of the EU2020 vision of 'smart, sustainable and inclusive growth'. Recognising that the appreciation of PGs is context-dependent, PEGASUS uses social-ecological systems as an analytical framework to explore systemic inter-dependencies among natural, social and economic processes. It will adopt participatory action research with public and private actors and stakeholders to better understand the range of policy and practical challenges in different case study contexts (localities, sectors, management systems, etc.). An EU-level spatially explicit assessment of causalities between socio-political and institutional drivers, different land management systems and multiple delivery of PG will be complemented by fine-grained analysis within the case studies, and comparative meta-analysis will be applied to develop an operational framework for mapping, valorising and determining what PG and ecosystem service (ES) provision is needed and feasible within particular territories and sectors. New data-sets, transferable methods and tools that are fit-for-purpose and sensitive to the plurality of decision-making contexts will be generated. By improving recognition of the social and economic value of PG, PEGASUS will promote improved and innovative approaches to their provision by businesses and communities, and highlight specific policy improvements. It will provide specific advances in CAP,

PEGASUS

Public Ecosystem Goods And Services from land management - Unlocking the Synergies

- 2015 2018
- Budget: 3.01m
- Coordinator: Institute For European Environmental Policy, London

Original source

Project's website

Keywords:

sustainable, ecosystem, ecological, land use

Countries involved:

UK, FR, NL, PT, BE, EE, DE, IT, AT, CZ, SI



"SHERPA": Each project's outputs categorized per type and purpose



Relevant outputs:	Filter by type		Legend for output types
Project website online Policy lessons and recommen	detions		Documents, reports Publication: Case study Publication: After-LIFE Communication Plan, Book, Article- Paper, Guidelines-Manual, Layman report, Research findings, Technical report
Policy lessons and recommen	loations		Open Research Data Pilot
Country reports: socio-politic	al, economic and institutional drive	ers	Video link
30-35 short case study report	<u>s</u>		Journal paper
	ds of PG/ESS in relation to land		Websites, patent fillings, videos etc. Demonstrators, pilots, prototypes
management systems			Project web site
<u>Database and classifcation s</u> relation to farming/forestry s	<u>ystem of different types of PG/ESS</u> <u>ystems</u>	<u>in</u>	Social media page
Periodic Reporting for period Goods And Services from land Synergies)	1 - PEGASUS (Public Ecosystem d management - Unlocking the		Poster
<u> </u>			Newsletter
Synthesis report - conceptua	<u>l framework</u>		Brochures, leaflets, slides, presentations
Report from the regional road	dshows and the final conference		Unknown
Analyse von Landnutzungssy. Güter	stemen zur Erbringung Öffentliche	r	

Food for thought...



- Digital reservoirs (or platforms) contain very useful information
- It will be a pity to be "wasted" after the end of the projects
- Digital reservoirs (or platforms) are easier to navigate than "standard" project websites, which are not attractive to our main target groups (farmers, advisors)
- Digital reservoirs are **not suitable for all projects**, only for the ones that collect vast amounts of information, mostly for **IA** and **CSA** projects
- EUFarmBook could be THE place to host these digital reservoirs when the projects end



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Thank you!

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