Inventory of Methods and Tools

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Inventory of methods and tools

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INVENTORY OF METHODS AND TOOLS

Purpose:

- **Aim:** To create a comprehensive inventory of existing methods and tools used in the design and implementation of CAP Strategic Plans in Member States.
- **Knowledge Transfer:** Support the transfer of knowledge, skills, and capabilities to end users across Member States.

Output:

- **Inventory of Methods and Tools Report**: Published in September 2023.
- **Online Inventory of Methods and Tools:** Accessible to stakeholders via the Tools4CAP project website.
- **Continuous Monitoring and Updates:** Includes continuous monitoring for new methods and tools, with next scheduled updates in December 2026.

INVENTORY OF METHODS AND TOOLS

Categorisation of methods and tools

Stakeholder needs assessment tools

Stakeholder needs assessment tools are tools based on qualitative methodologies that enable the involvement of multiple actors in the decision-making process.

Policy choices supporting tools

This category of tools encompasses tools based on different methodological approaches, but which have been developed in response to rapidly changing policy goals and instruments, and where data might be lacking or where no prior knowledge exists. They are based on logical solutions and facilitate decision making process.

Policy analysis tools for evidence-based decisions

These tools serve for generating (scientific or empirical) evidence through the analysis of policies, either ex-ante or ex-post, to inform decision-making, hence underpinning evidence-based policymaking.

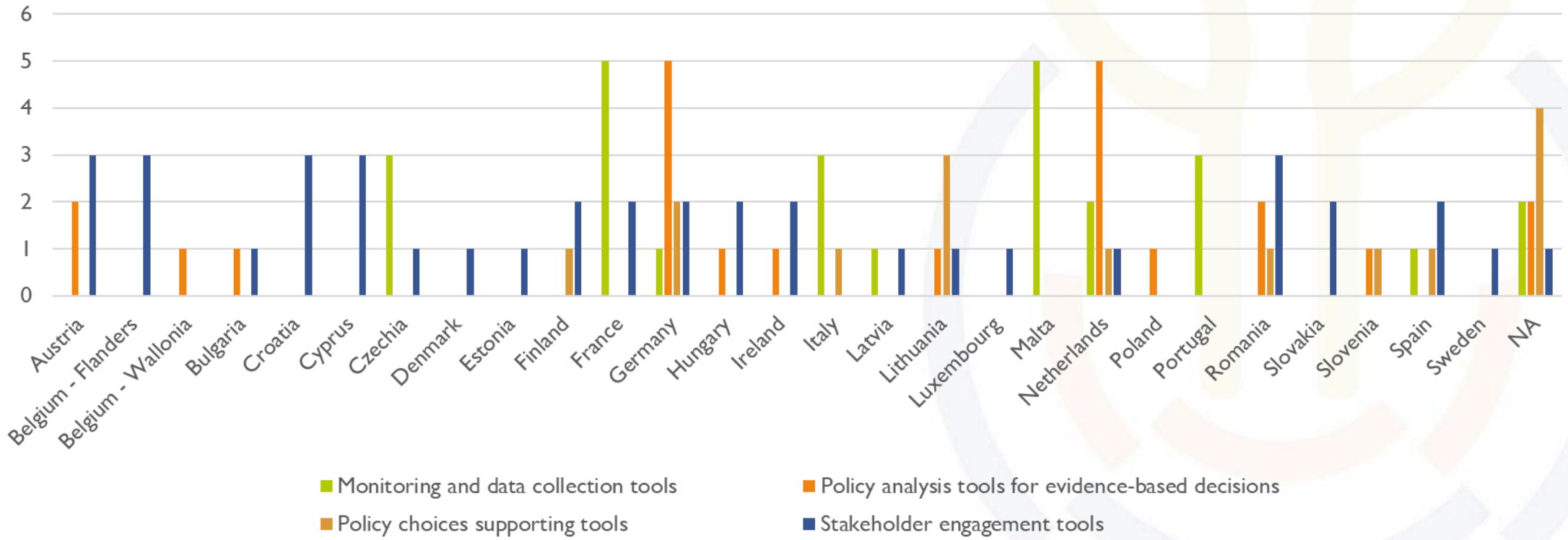
Monitoring and data collection tools

These tools provide the necessary information for the realisation of the annual performance report, reporting both qualitative and quantitative information on the implementation of the CAP Strategic Plan by reference to financial data and to output and result indicators, including at regional level where relevant.

INVENTORY OF METHODS AND TOOLS

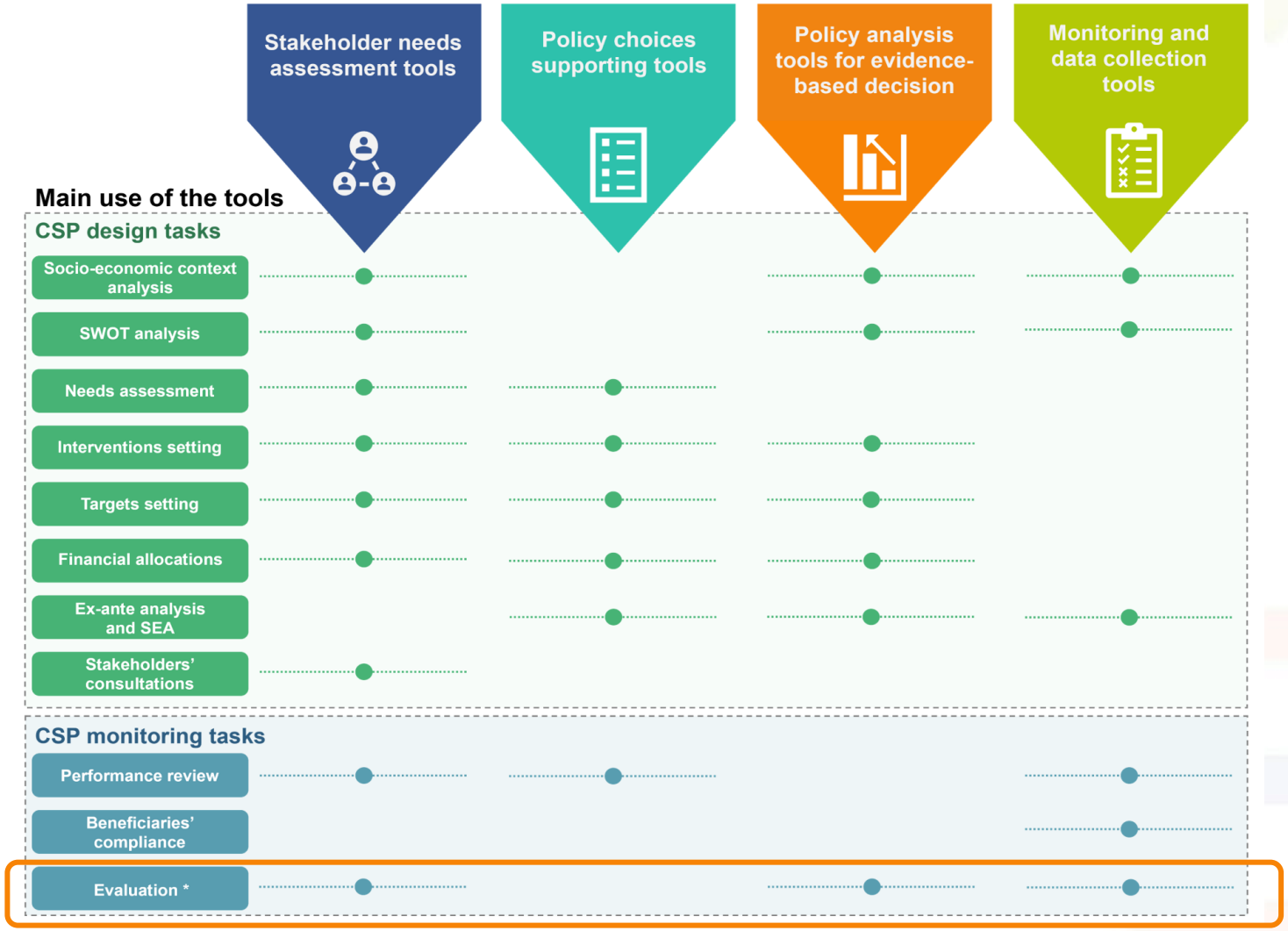
Overview of methods and tools:

- 89 Tools collected across all MS



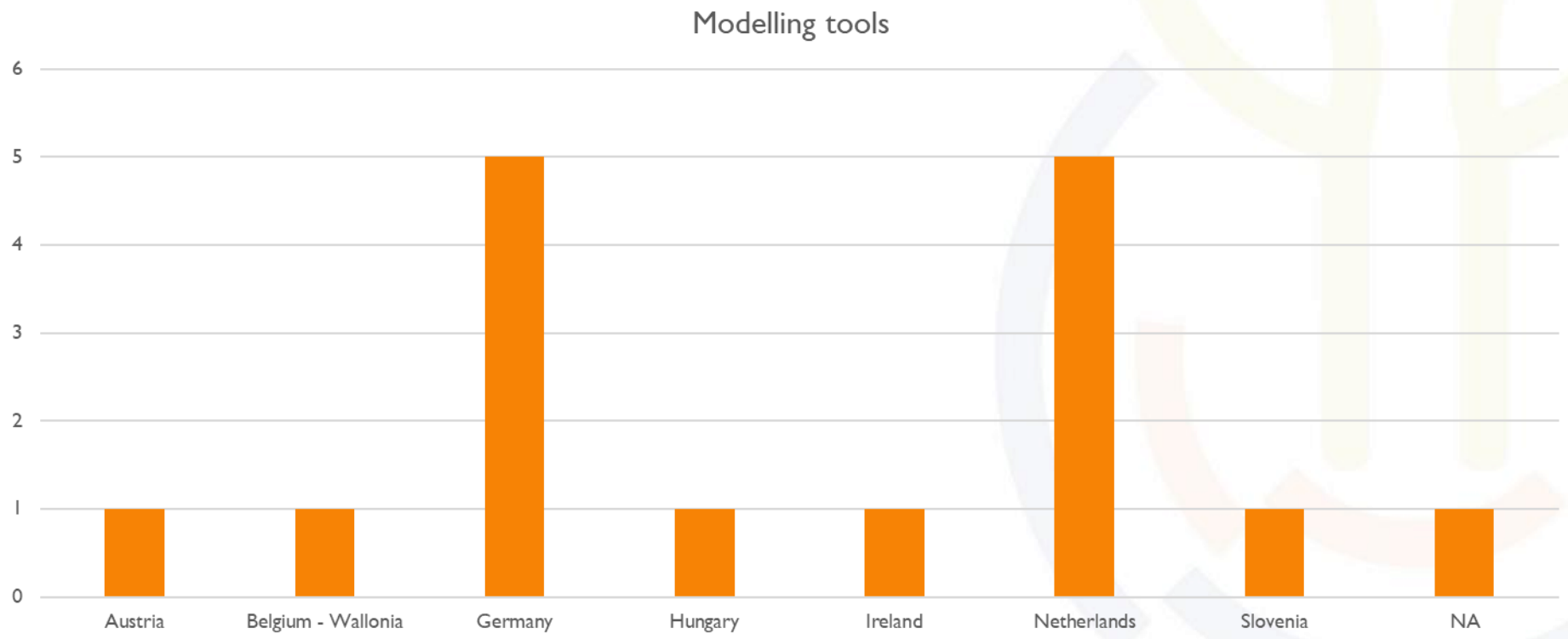
INVENTORY OF METHODS AND TOOLS

Links to CSP Design and Monitoring Tasks



INVENTORY OF METHODS AND TOOLS

Use of modelling tools



MODELLING TOOLS FOR EX-POST EVALUATION

Why using modelling tools?

- Provide quantitative indicators of the baseline
- Provide quantitative information on flows (trade but also possibly other flows) at different scales, commodity production, consumption, and prices, along with economic indicators like GDP and employment and environmental indicators like nutrient pressure.
- Often, such tools are multi-dimensional consistent with each other and the existing databases, allowing a qualitative assessment of the different assumptions made and results.
- Allows dynamic systems where many intertwined factors about the evaluated policy are being targeted to affect outcomes in numerous ways
- Modelling allows to connect different modelling modules
- It’s rarely used on its own: restricting evaluation to a single method will not capture the complexity of the system we are operating in.

MODELLING TOOLS FOR EX-POST EVALUATION

What indicators can you model?

Economic indicators

- **Farm level models** effectively cover farm income indicators, but **risk management integration** remains a challenge.
- **Modelling competitiveness** is well covered while **investment support** and **asset renewal** modelling need improvement.
- **Farmers' position in value chains** is only partially covered, with ongoing efforts to model organic output and forward pricing.

Environmental indicators

- **Climate mitigation measures** are well-covered while **renewable energy at farm level** remains a gap.
- **Soil management** is addressed by very few models.
- **Biodiversity indicators** require better data integration and enhanced modelling capabilities.

Social and rural indicators

- Addressing **structural change, rural poverty**, and **job growth** remains difficult due to the **lack of relevant data** in sectoral models.
- **Health and food safety** indicators are emerging but constrained by **data availability**.

FARM INCOME INDICATORS

Models	1. Ensuring Viable Farm Incomes			
	Farm income	**Income Volatility**	**Use of Risk Management Tools**	**Redistribution between farm types**
Models identified for case studies				
Model 1. Joint models chain: Farm-Dyn, AGMEMOD, Eco-scheme Farm simulation tool (NL)				
Model 2. CAPRI				
Model 3. SiTFarm model				
Model 4. Experimental evaluation methods				
Model 5. GLOBIOM-CZE				
Other models included in inventory of Task 2.1				
MAGNET				
MITERRA				
FAPRI Ireland Model				
FARMIS (DE)				
IFM-CAP				
KOBALAMI (NL)				

Source: Tools4CAP 2024 (red = “impossible or very costly”; orange = “expensive or challenging extension”; light green = “feasible, straightforward extension”; green = “already covered”)

MODELLING TOOLS FOR EX-POST EVALUATION

Who can do modelling?

- All tools are currently maintained, developed, and applied by research institutes
- This requires long-term investment to sustain and align the development of tools with policy changes
- Some MS developed a “culture” in establishing relationships with the modelling community
- Capacity, awareness training on tools capability and use need to be further strengthened

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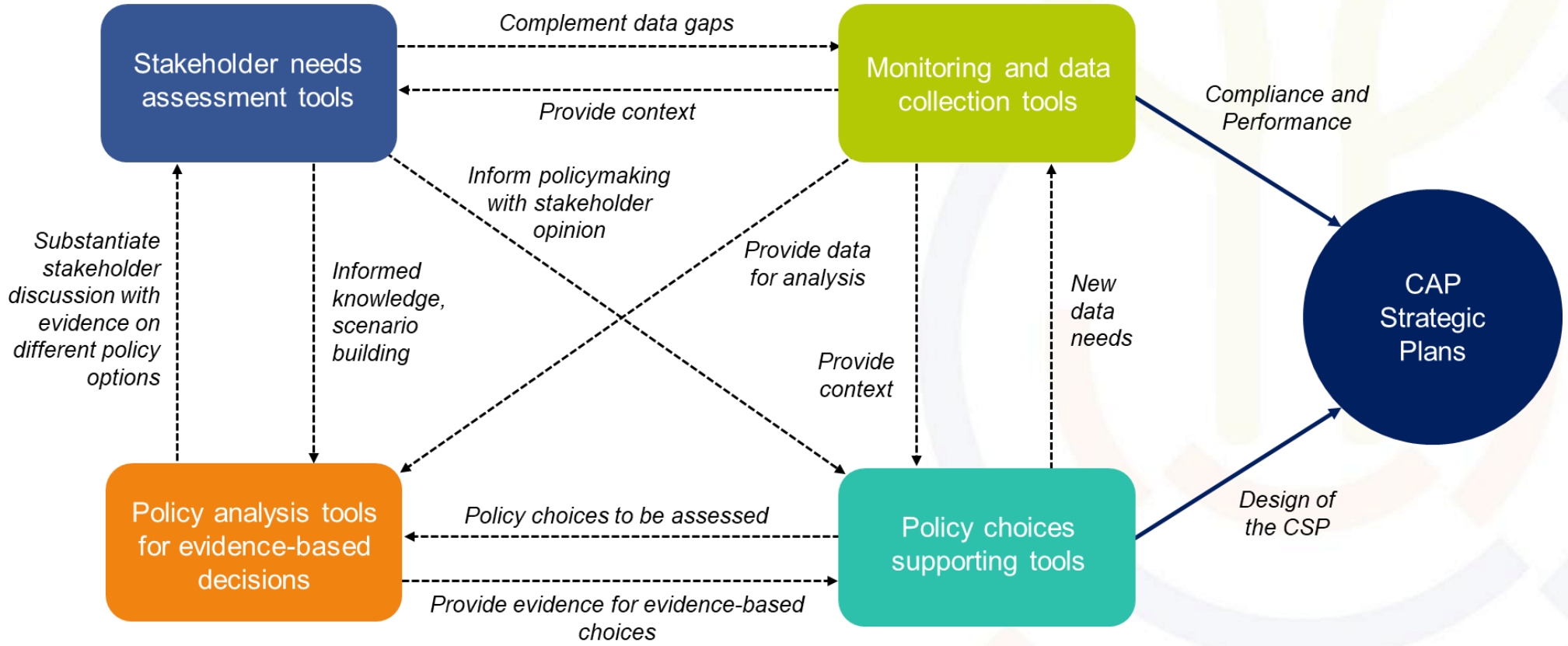
Category Complementarity



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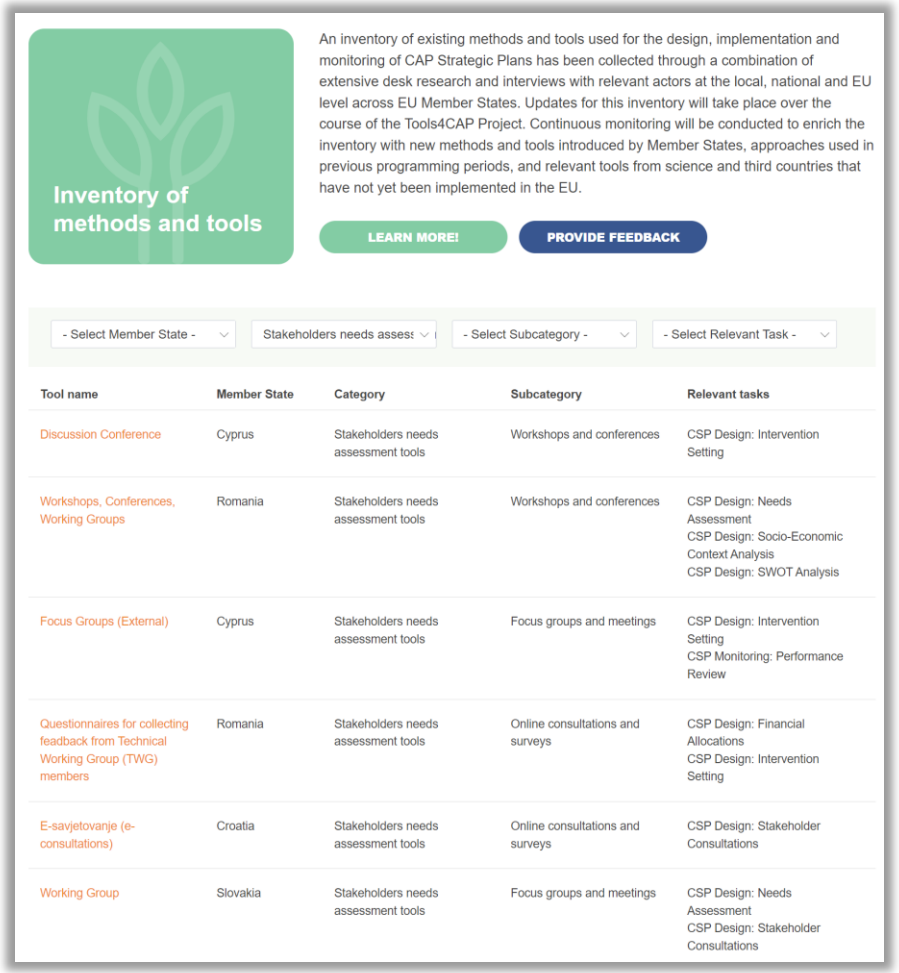
Online Inventory of Methods and Tools



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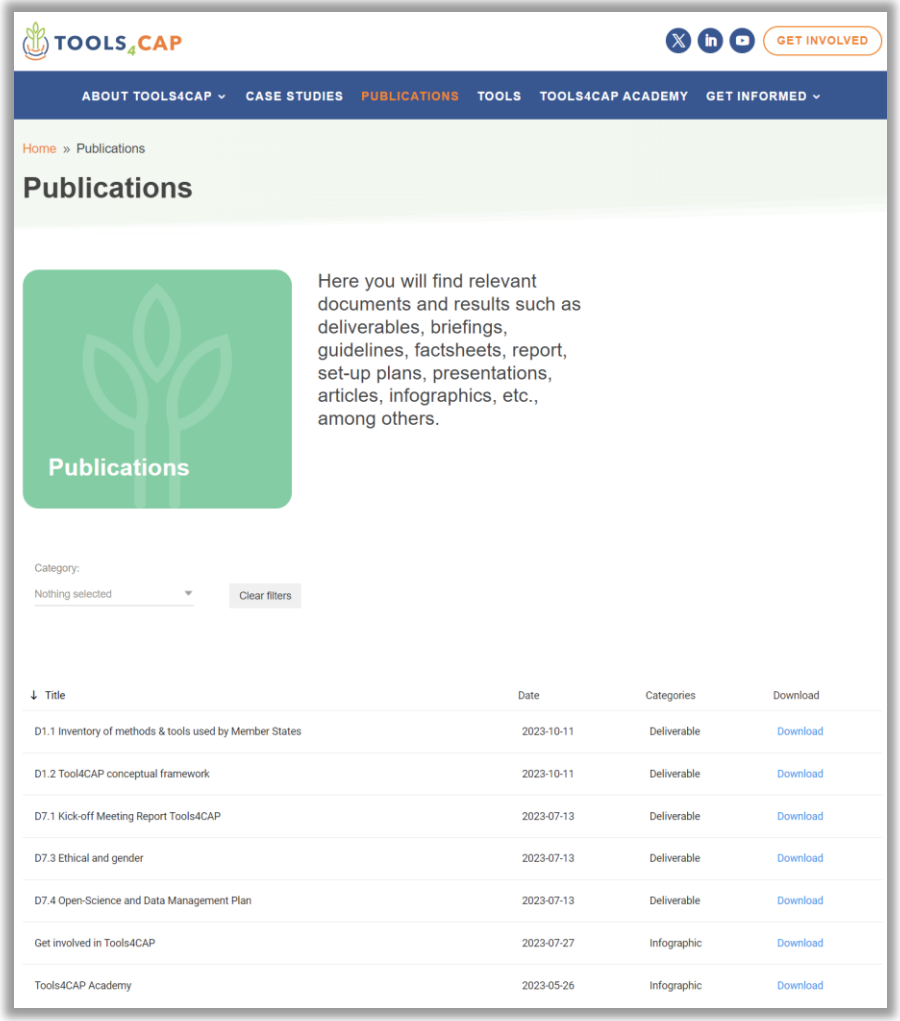
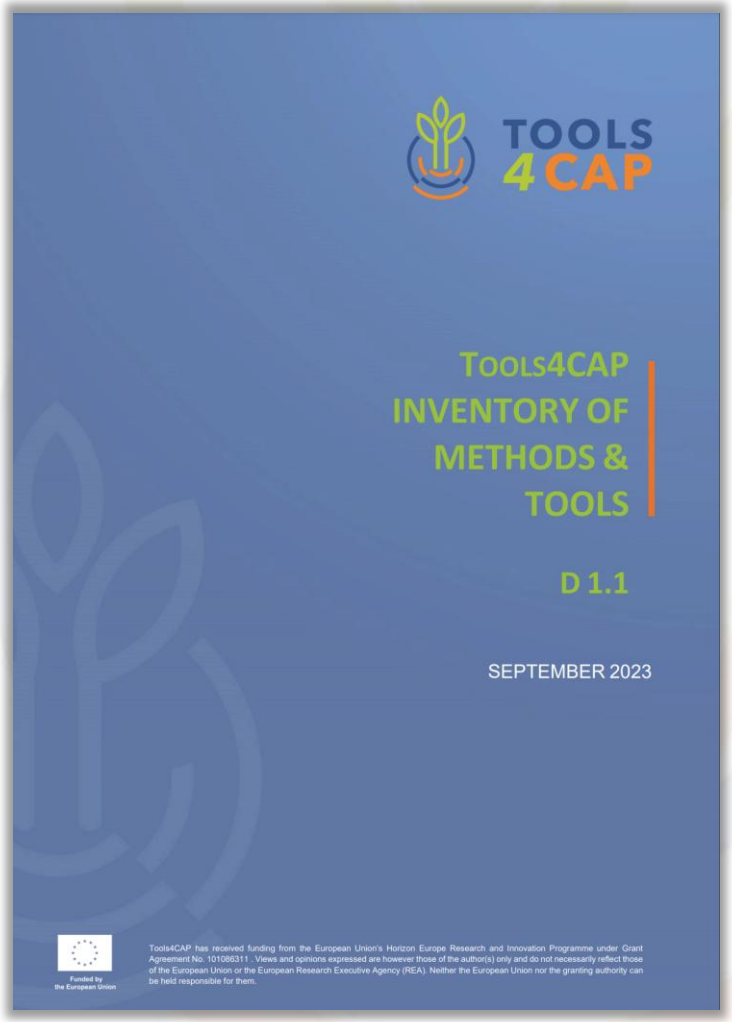
Inventory of Methods and Tools Report





ACT4CAP27

Advancing Capacity and analytical Tools for supporting Common Agricultural Policies post 2027

2nd Stakeholder Workshops

🗓️ Date: May 6, 2025

📍 Location: Online.

⏳ Time: 14:00 to 16:30 CEST

Get involved

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