The Agroecology TPP

DIALOGUES

Metrics to Support Agroecological TRANSITIONS:

A meta-framework and database to support diverse metrics users in their journey towards holisticity

2024-12-17

Dave Mills

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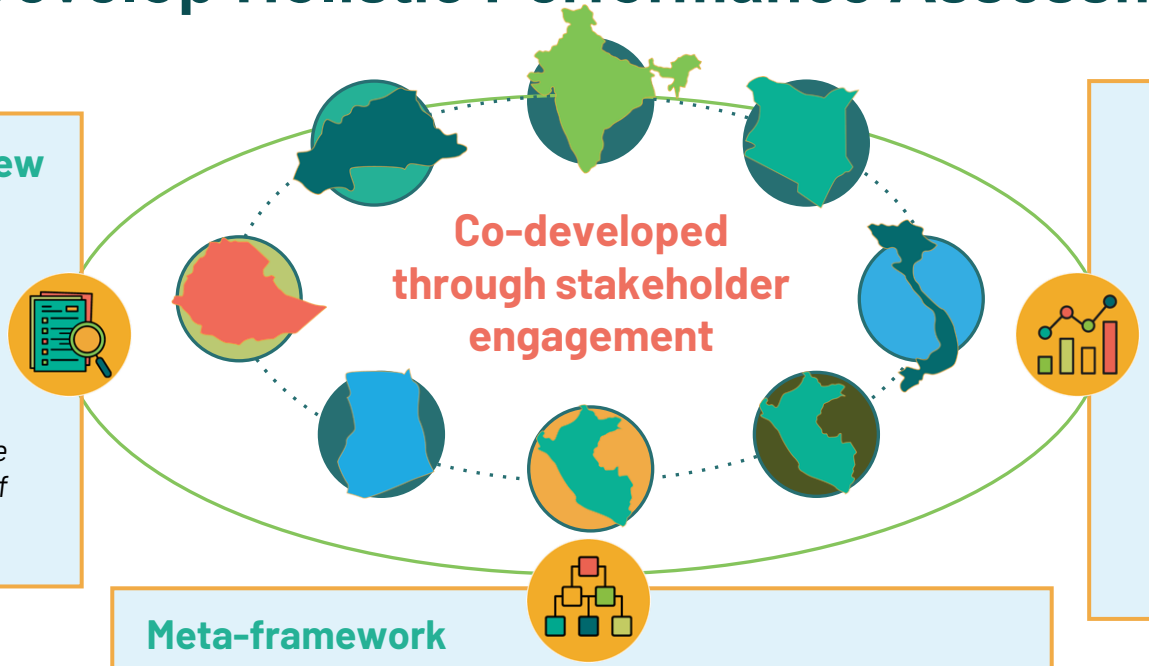
Tools to Develop Holistic Performance Assessments

Systematic Review

A systematic review of available metrics and existing assessments.

*To what extent do current assessments and metrics capture the **holistic performance** of agri-food systems?*



Metrics Library

A one-stop shop for metrics, where users can view, explore and select the right metrics for their needs.

*What do you want to **understand**?*
*What are your **practical constraints**?*
*What is your **context**?*

Meta-framework

A meta-framework and guidelines for developing holistic assessments, presenting design principles and steps.

*How can we **navigate the jungle** of existing frameworks and metrics?*

The Meta-framework

Build your own holistic assessment!

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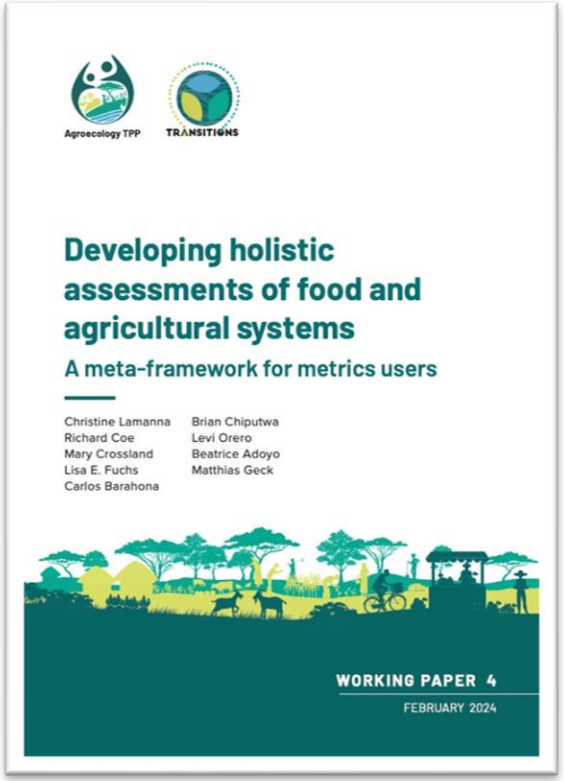

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The Meta-framework

THE DESTINATION

Holistic assessment of agri-food systems

THE COMPASS

Assessment design principles

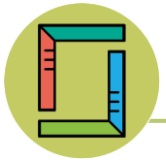
THE LANDSCAPE

Assessment system elements

THE PATH

Steps to take to design an assessment system

The Path – Steps to take to design an assessment system



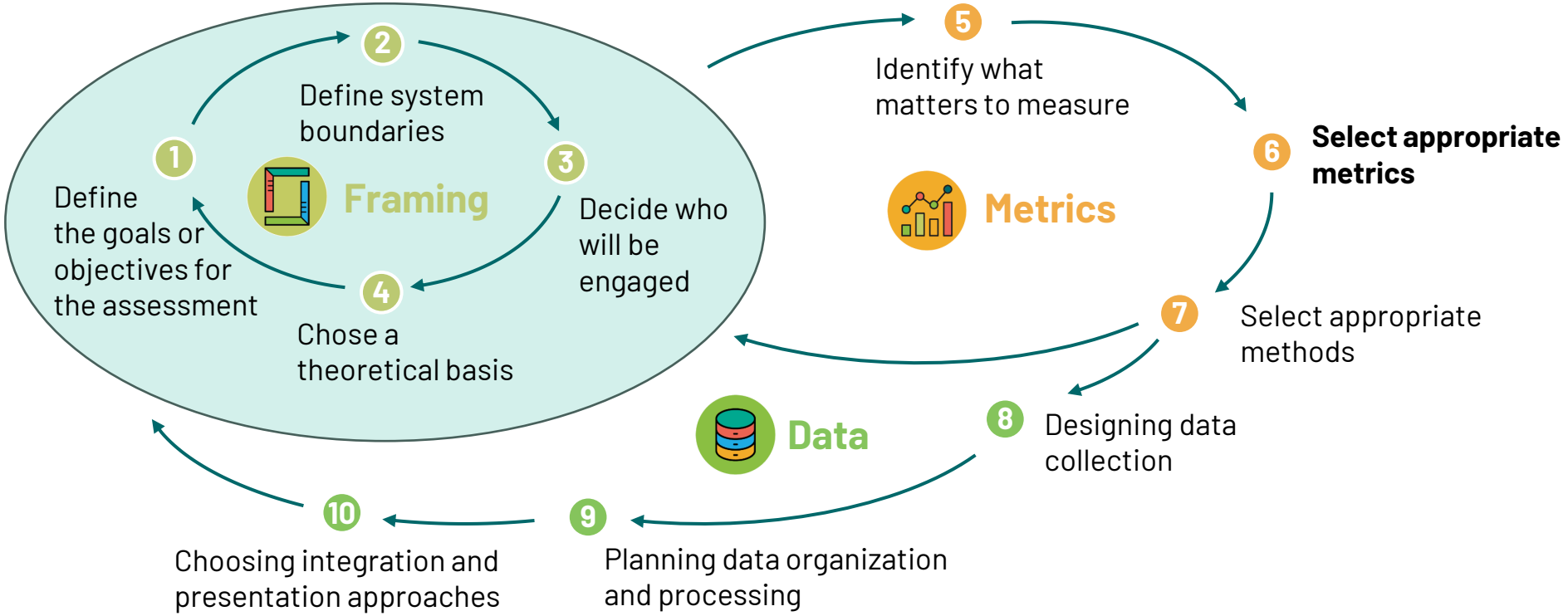
Framing

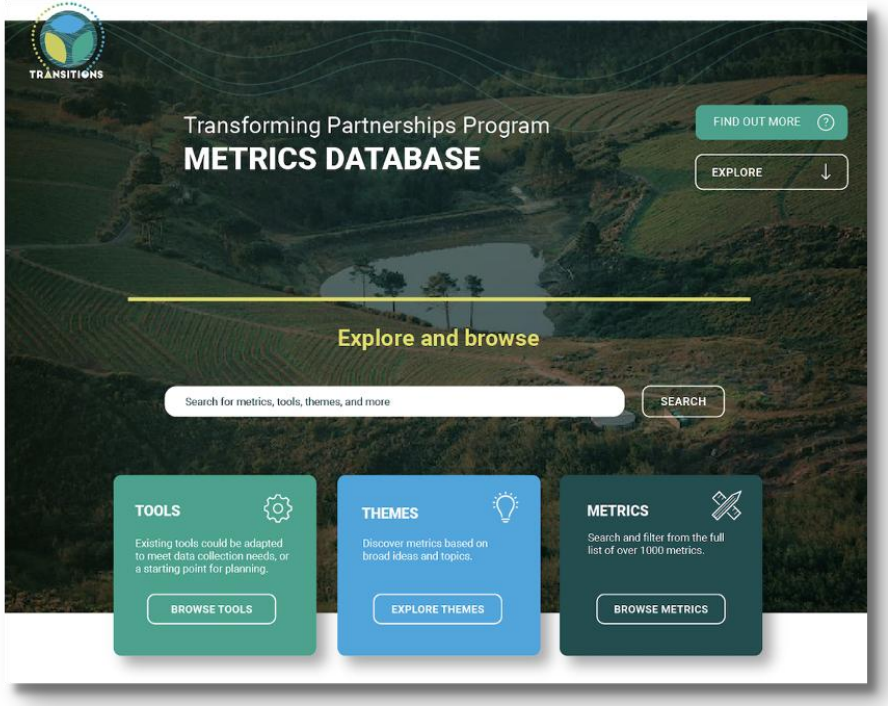
Metrics

Data

1. Define the goals or objectives for the assessment
2. Define system boundaries
3. Decide who will be engaged
4. Chose a theoretical basis
5. Identify what matters to measure
6. **Select appropriate metrics**
7. Select appropriate methods
8. Designing data collection
9. Planning data organization and processing
10. Choosing integration and presentation approaches

The Path(s) – Steps to take to design an assessment system





Metrics Database and Library

A one-stop shop for metrics, where users can view, explore and select the right metrics for their needs.

- What do you want to **understand**?
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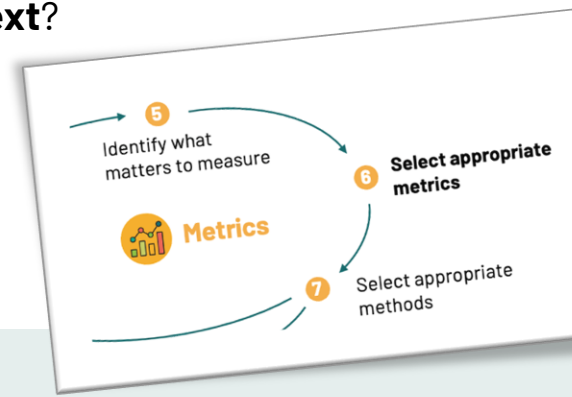

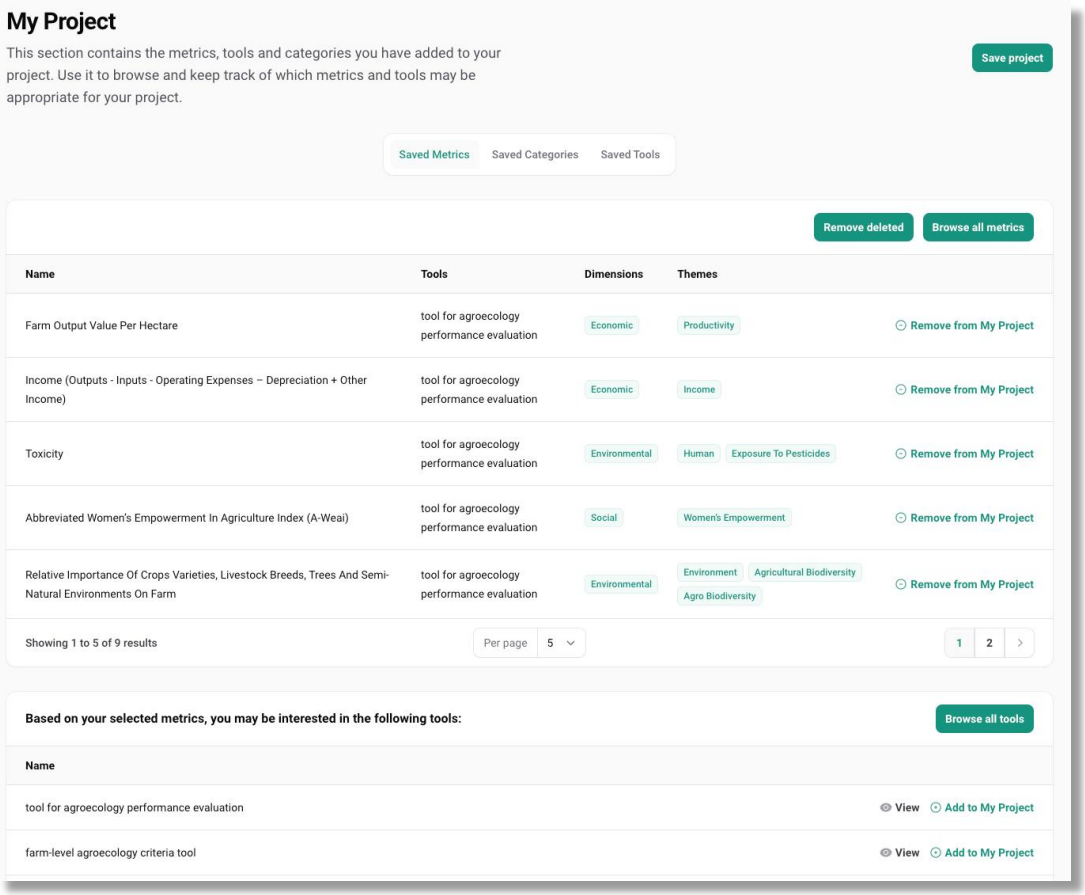

Database Features to support users and the wider AE community

- Users can select metrics, themes, categories and save to a "my project" section.
  - Based on your selected items, the system can suggest complimentary metrics or tools that might be appropriate.
- Also have an "admin panel" – a tool to enable collaboration on the data curation.
  - First workshop to explore the database conducted at ICRAF in Nov 2024.

What have we learnt? What's Next?

- There is more information out there about measuring 'performance' than we thought, and it is harder to find!
  - +ve – the Library is potentially more useful than we thought!
  - -ve – the Library is harder to populate and curate than we thought...
- There are many different paths to designing a good, holistic performance assessment, but there are common steps on all those paths.
- There are plenty of wheels, so don't invent one from nothing! But there are also plenty of different roads, so when you find a good wheel: Test, review and adapt it to yours.

In 2025: Meta-framework updates and Library roll-out

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Check out the working paper on the Meta-framework here:

https://www.cifor-icraf.org/knowledge/publication/9081/

Look out for links to explore the library in early 2025!

Visit our website 👉 www.agroecologytpp.org

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