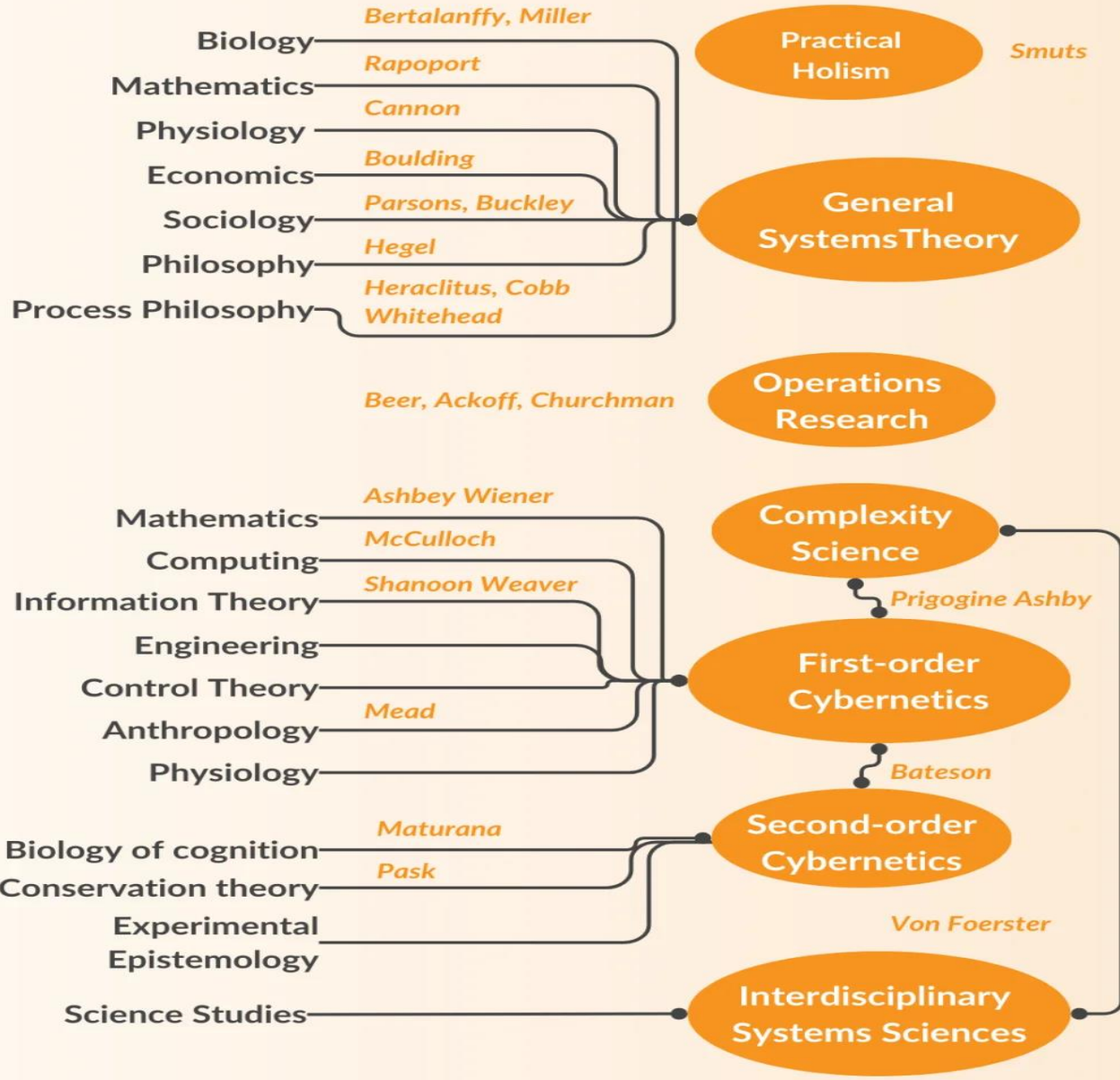


Systems Approaches in Agricultural Evaluations

Anna Maria Augustyn
Independent Consultant



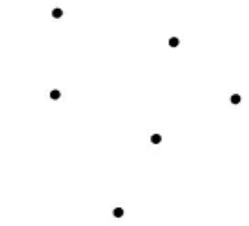
Development of Systems Approaches



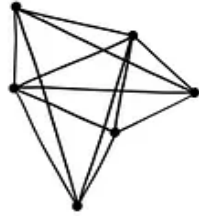
Systems as Ontologies

Systems as Epistemologies

TOOLS OF A SYSTEM THINKER



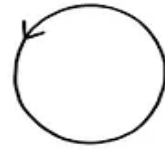
DISCONNECTION



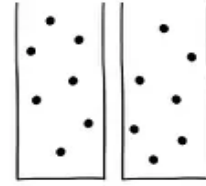
INTERCONNECTEDNESS



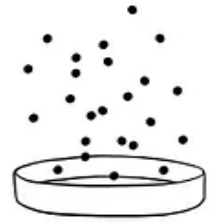
LINEAR



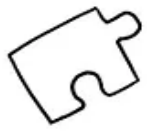
CIRCULAR



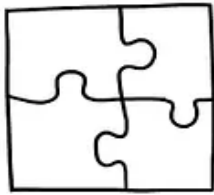
SILOS



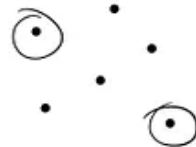
EMERGENCE



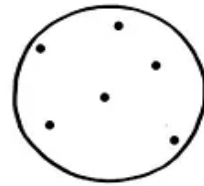
PARTS



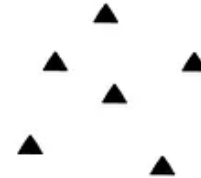
WHOLES



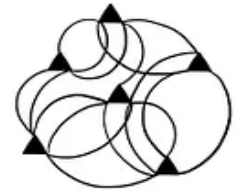
ANALYSIS



SYNTHESIS



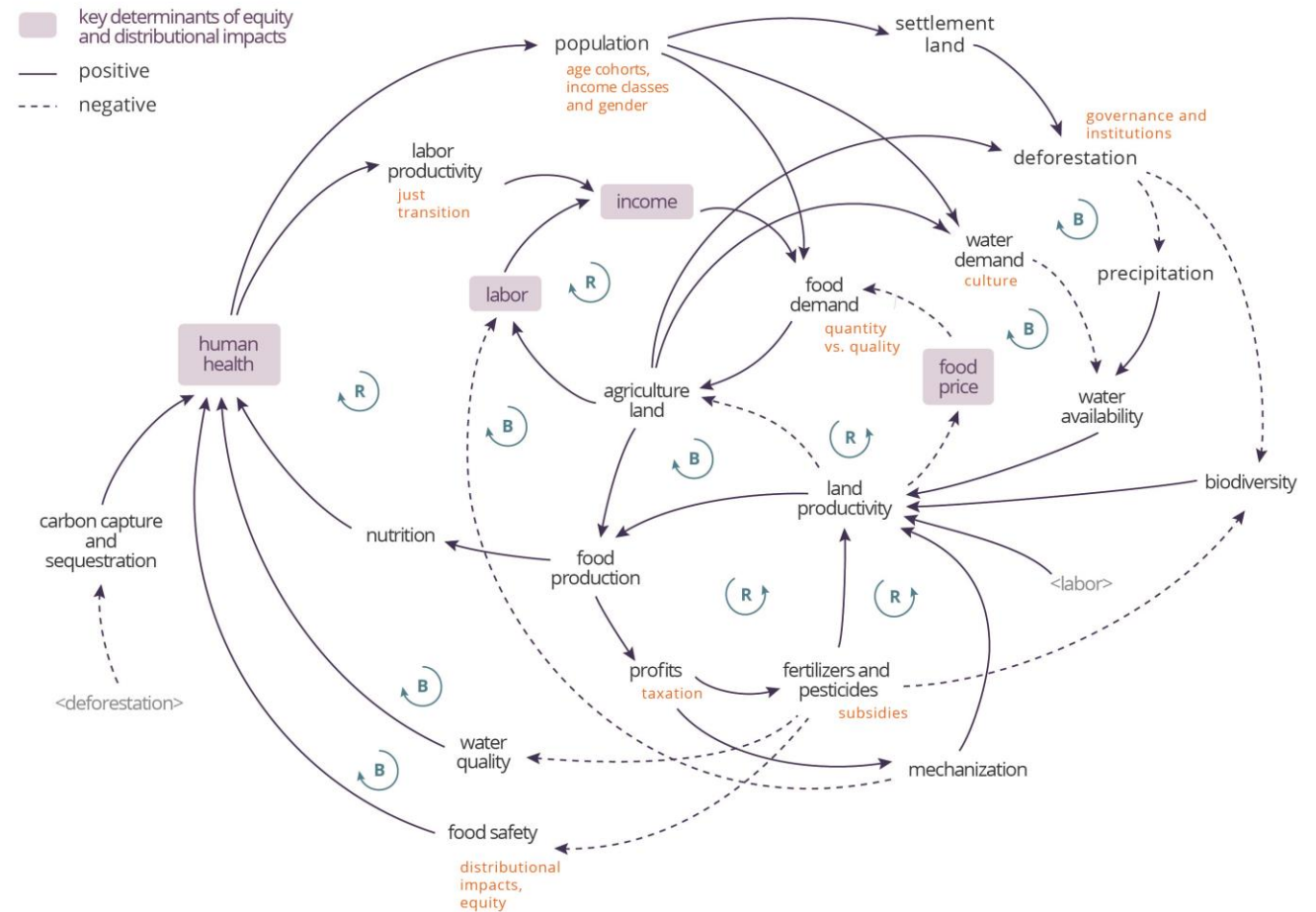
ISOLATION



RELATIONSHIPS

Systems thinking in evaluation – key tools

Systemic inquiry
Systems mapping
Causal loop diagramms
Cynefin framework
Horizon scanning
Actor mapping
Backcasting
Sensmaking
Rubrics
Multicriteria analysis



Source: Zhang et al. (2018), TEEB/UNEP

Key challenges for evaluation

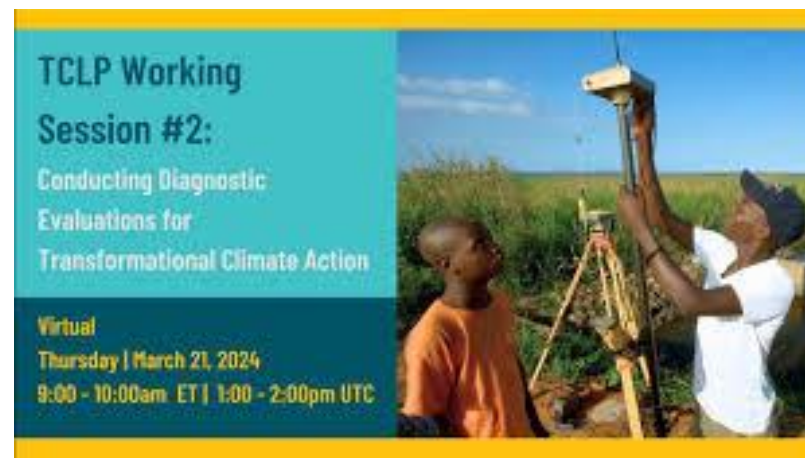
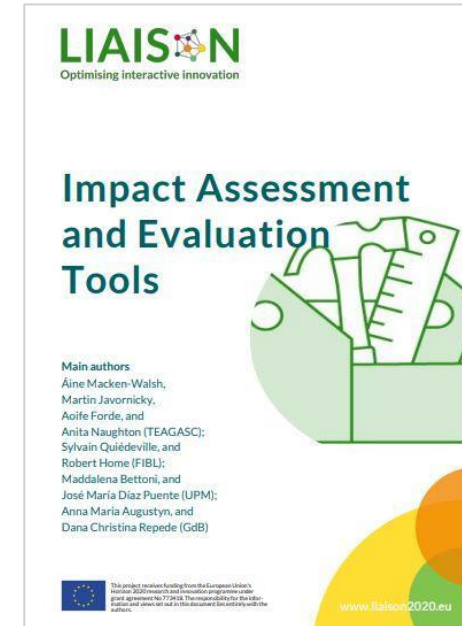
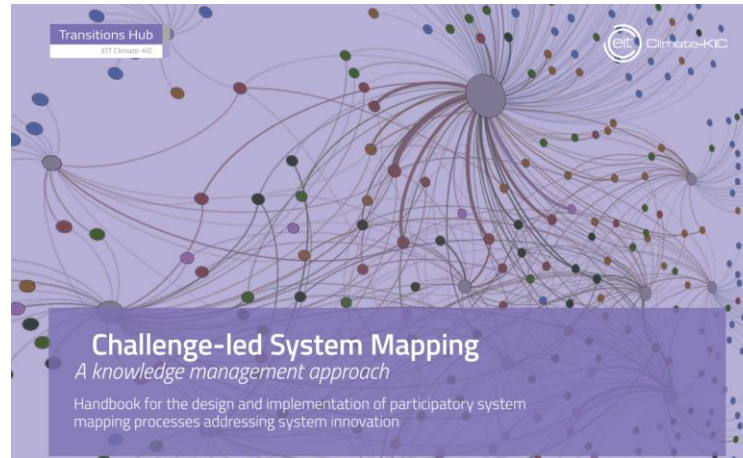
- Alternative or integrated with the existing methods and toolboxes? (OECD DAC, logframe and linear approaches)
- Agencies and donors seek quantitative data (esp. on impacts)
- Public procurement and lack of good practice examples
- Skillset required for conducting evaluations
- Translating systems thinking beyond science
- Safe space for experimenting (R&I projects)

Benefits of systems approaches

- An advanced study of the complex organizations, projects, networks etc.
- Holistic picture of the problem and solutions (scenarios!)
- Promoting adaptive mechanisms
- Forstering the culture of participation

You might been using these tools, even unaware! 😊

Some examples





Thank you for your
attention 😊

Get in touch

Anna Maria Augustyn

[annamaria.augustyn\(at\)yahoo.com](mailto:annamaria.augustyn@yahoo.com)