DryArc – Australia Dialogue

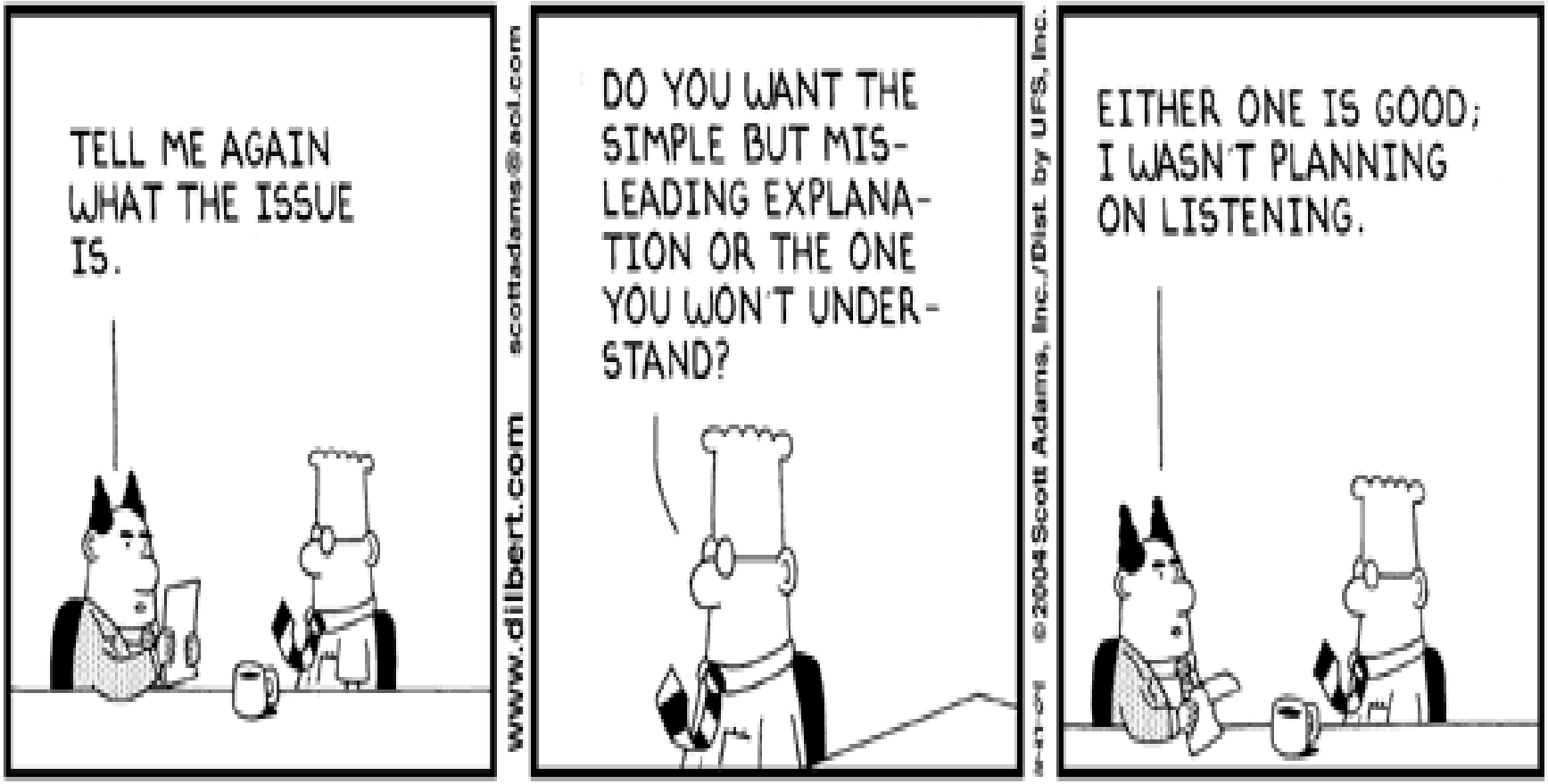
Accelerating Knowledge Sharing on Global Dryland Solutions

For systems transformation

Murat Sartas (PhD.)[1,2,3]

[1] International Institute of Tropical Agriculture (IITA) - Central Africa Hub, Rwanda
[2] International Center for Agricultural Research in the Dry Areas (ICARDA): MEL Team, Uzbekistan
[3] Wageningen University & Research (WUR) - Knowledge Technology and Innovation Team, Netherlands

System Transformation



System Transformation

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System Transformation in Perspective

Systems Transformation

Which transformation pathways should local systems follow to achieve systemic transformation in dry lands?

Transition Management

ZimCLIFS

Which project designs and mechanisms can contribute to accelerated transition pathways?

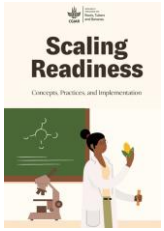
Intervention Management

MEL monitoring evaluation and learning

Which (knowledge management) tools and practices can support such interventions?

Knowledge Sharing for Systems Transformation

Innovation Management



Which (knowledge management) innovations can contribute to systems transformation?

Dryland Systems Program as a case of Systems Transformation

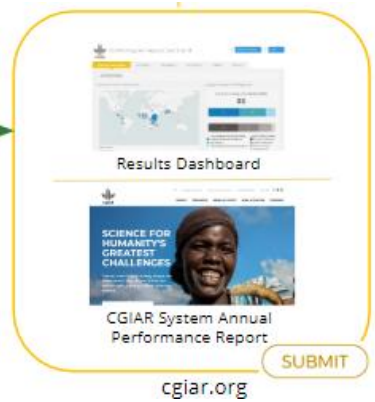
A coherent set of diverse innovations for the right context

- constructing trenches and bunds to halt erosion;
- promoting intercropping with pigeonpea to intensify the cropping system;
- introducing improved varieties of maize, wheat and beans to improve profitability;
- harvesting and using rainwater for irrigation
- facilitating linkages with a microfinance institution to improve access to input materials and buffer against climate change impacts;
- improving livestock breeding and feeding techniques to boost incomes;
- strengthening management of community land resources

ZimCLIFS Project as an example of Transition Management

- Innovation platforms can be instrumental mechanisms for managing transitions
- Cross-sector collaboration provide new opportunities

CGIAR MEL as an Intervention Management Instrument



MEL monitoring evaluation and learning

- Project/Programs Information
- Innovations details

- Practitioners
- Scaling Partners

- Re-use
- Accelerated pathways

Scaling Readiness as a tool for innovation management

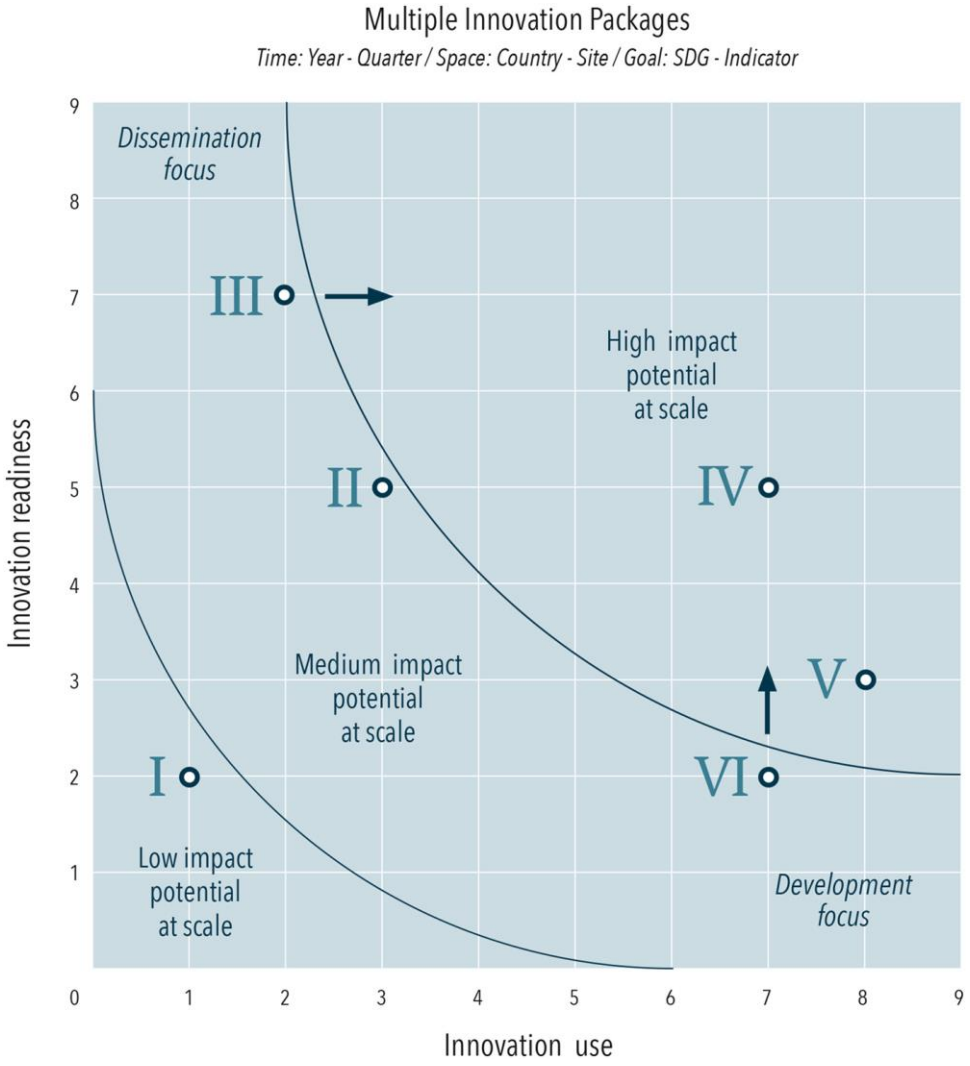
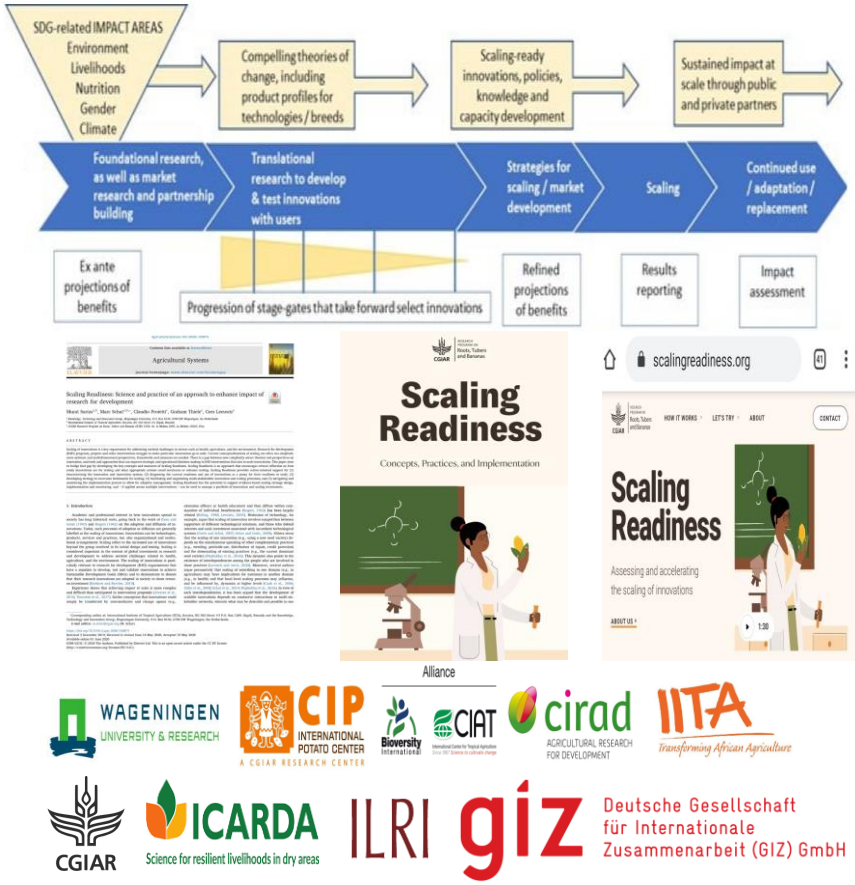


Figure 4. CGIAR role as a strategic partner in innovation systems (maximizing learning and strategic adjustments via a performance and results management system)



Research for Development Questions on systems transformation

- RQ1: Which transformation pathways should local systems follow to achieve systemic transformation in dry lands?
- RQ2: Which project designs and mechanisms can contribute to accelerating transition pathways?
- RQ3: Which (knowledge management) tools and practices can support such interventions?
- RQ4: Which (knowledge management) innovations can contribute to systems transformation?

System Transformation in Perspective

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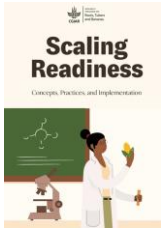


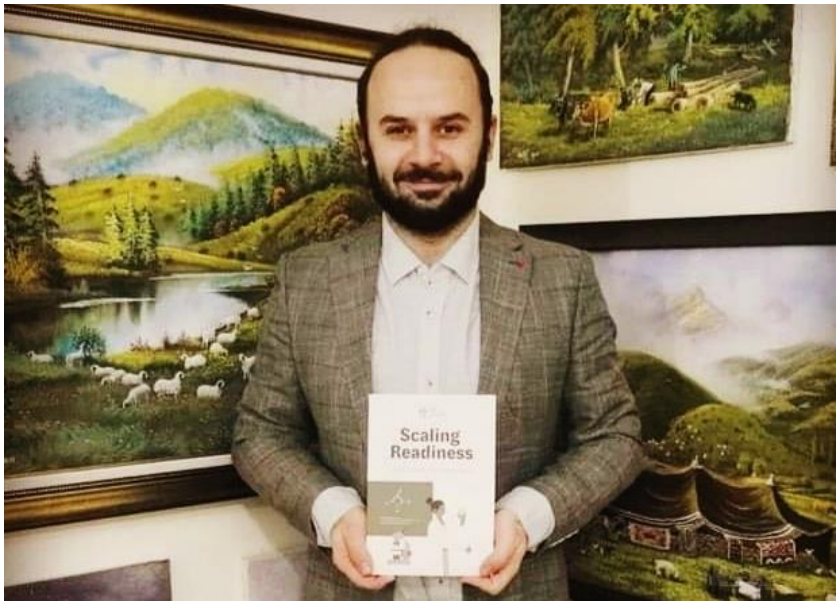
Which (knowledge management) innovations can contribute to systems transformation?

Next steps

- CGIAR effort on Country collaboration (hubs in Tag 5) is a starting point to boost local systems in adopting transformational pathways

- Study project/program data available through Management Information Systems (e.g. MEL, MARLO) and Dashboard to assess those processes having accelerated transitional pathways

- Assess existing innovations for their contribution to system transformation using complexity sensitive approaches (Scaling Readiness)



Thank you!

Murat Sartas (PhD.)

murat.sartas@gmail.com

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For Transformation !

ICARDA Science for resilient livelihoods in dry areas · IITA Transforming African Agriculture · MEL monitoring evaluation and learning · WAGENINGEN UNIVERSITY & RESEARCH