



**Food-water-energy nexus challenges in Sub-Saharan
Africa: a literature review**

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RESEARCH

Global research platform to generate new knowledge



ENGAGEMENT

Catalyze transformation through solutions and societal engagement

Research for global sustainability

Knowledge-Action Networks



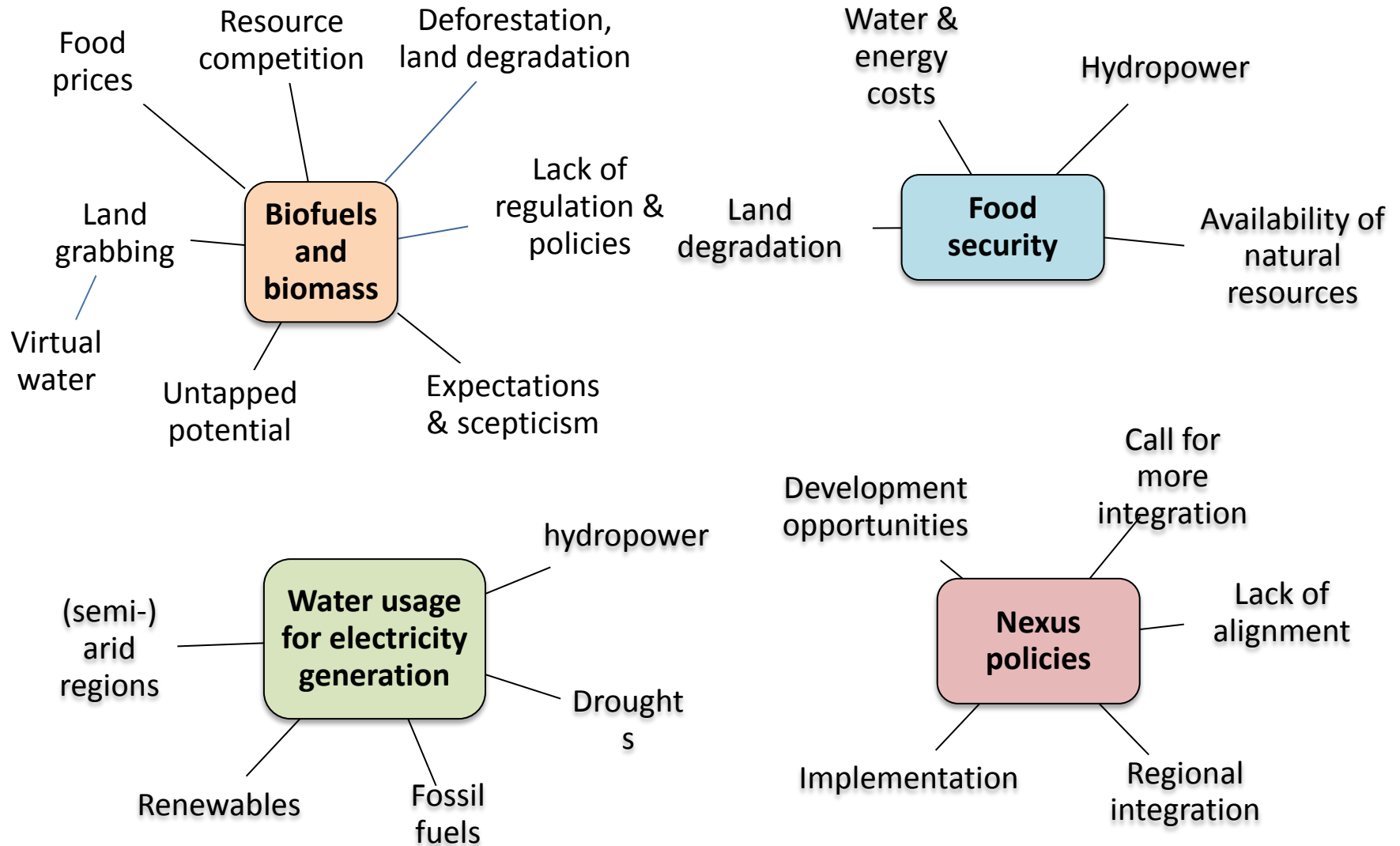
Nexus Knowledge-Action Network



- Providing a **platform for integration and collaboration** between existing communities working on the Nexus
- Developing crosscutting activities that enhance integration and synergies, and bring added value
- **Fostering the generation of knowledge** to understand:
 - ✓ Interactions between water, energy and food systems (accounting for both their natural and social dimensions)
 - ✓ How synergies and trade-offs can be better managed

**With the goal to deliver water,
energy and food for all in a
sustainable and equitable way**

Food-water-energy nexus challenges in Sub-Sahara Africa



Conclusion



Literature review

- Differences in availability of literature across countries
- Inclusion of social sciences to a greater extent necessary: facilitate implementation of nexus-related policies

Nexus Knowledge-Action Network: challenges

- Bringing in new science communities: social science and humanities, engineering, energy...
- How to be global in scope and relevant at local level?
=> Who are the “right” stakeholders?
 - International organisations ? => no novelty
 - Local stakeholders? => how to scale up conclusions?

futureearth
research for global sustainability

Thank you!



Knowledge-Action Networks

- Co-designed and co-produced with the people who will use the results of our research
- Global in scope but designed to inspire transformations at the local level
- Responsive to the needs of societies around the world



Future Earth in numbers



50,000+

Our networks reach 50,000 global sustainability researchers and people interested in this research



>20

National networks established, and many more in progress



8

Knowledge-Action Networks



>20

Global research projects

5
Global Hubs



7

Regional centres and offices

- Global Hub
- Regional centre
- Regional office
- Project office
- Project
- Country with national committee or national network

