

Systemic innovation for sustainable agri-food systems: A comparative mapping of international organisations

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Why this mapping?

- Agri-food transformation needs more than isolated technical fixes.
- International organizations shape global innovation agendas.
- Their understandings of innovation across biodiversity, climate, agriculture and food have not been systematically compared.

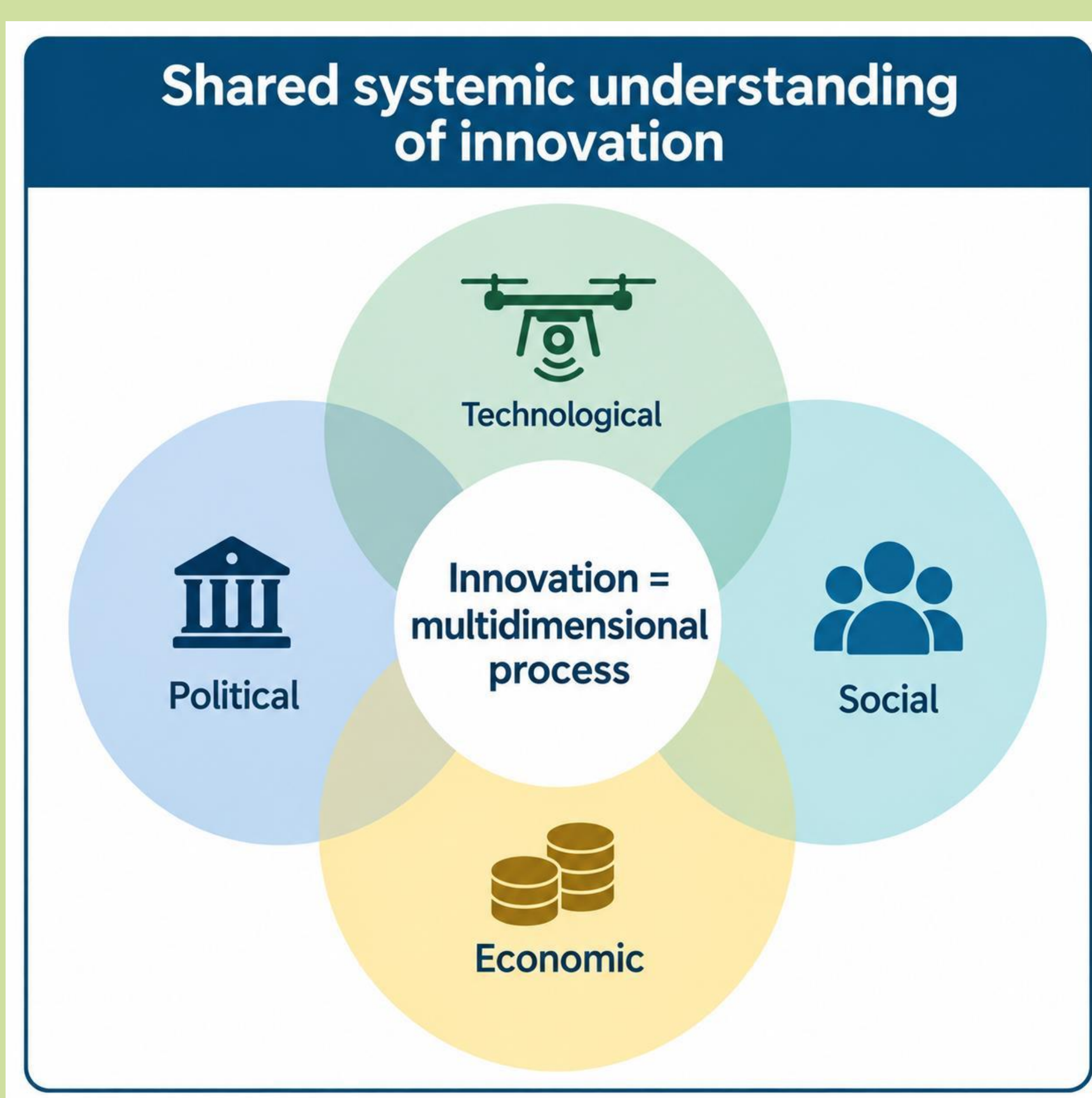
Research questions

- How do international organizations define or understand innovation?
- What types and clusters of innovation are considered or emphasized?

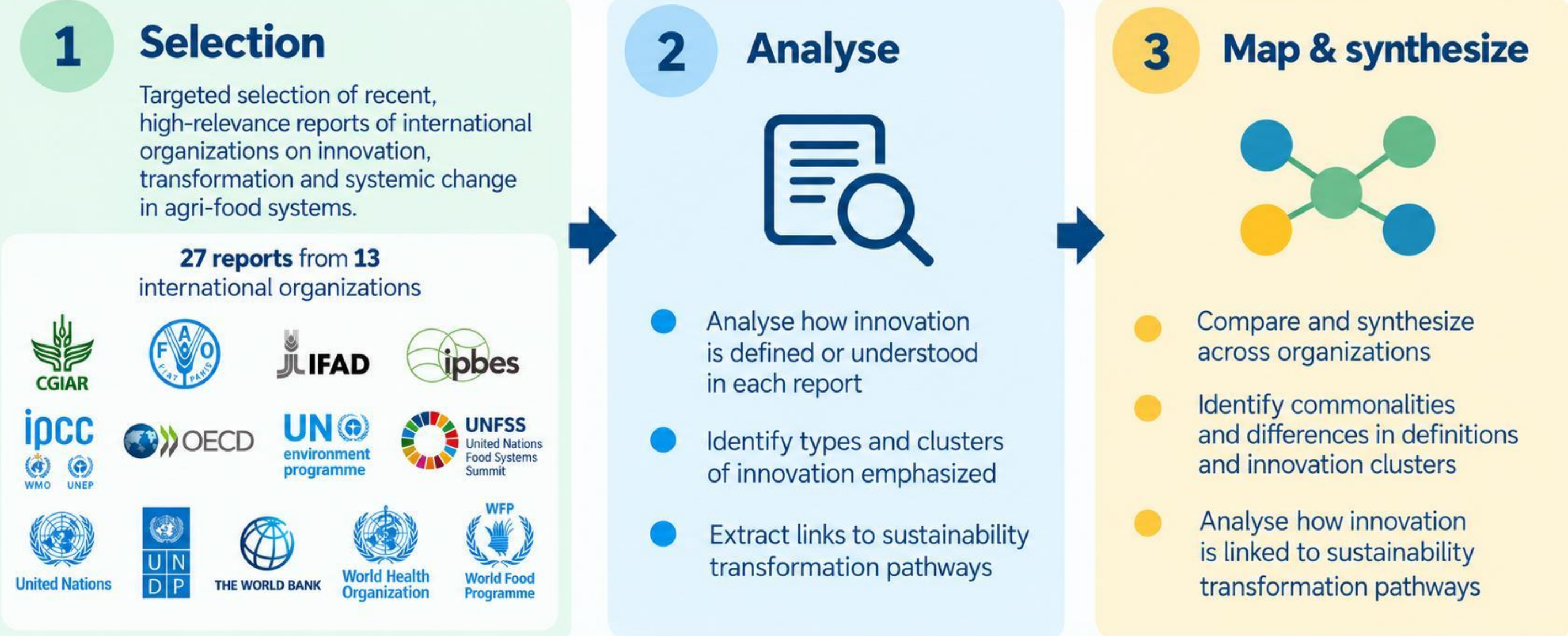
Results

Defining innovation

- Explicit definitions are rare and inconsistent.
- Innovation generally means doing something *new or better*, but what counts as new depends on context.
- Across reports, innovation emerges as a multidimensional process combining technological, social, economic, institutional and political change.

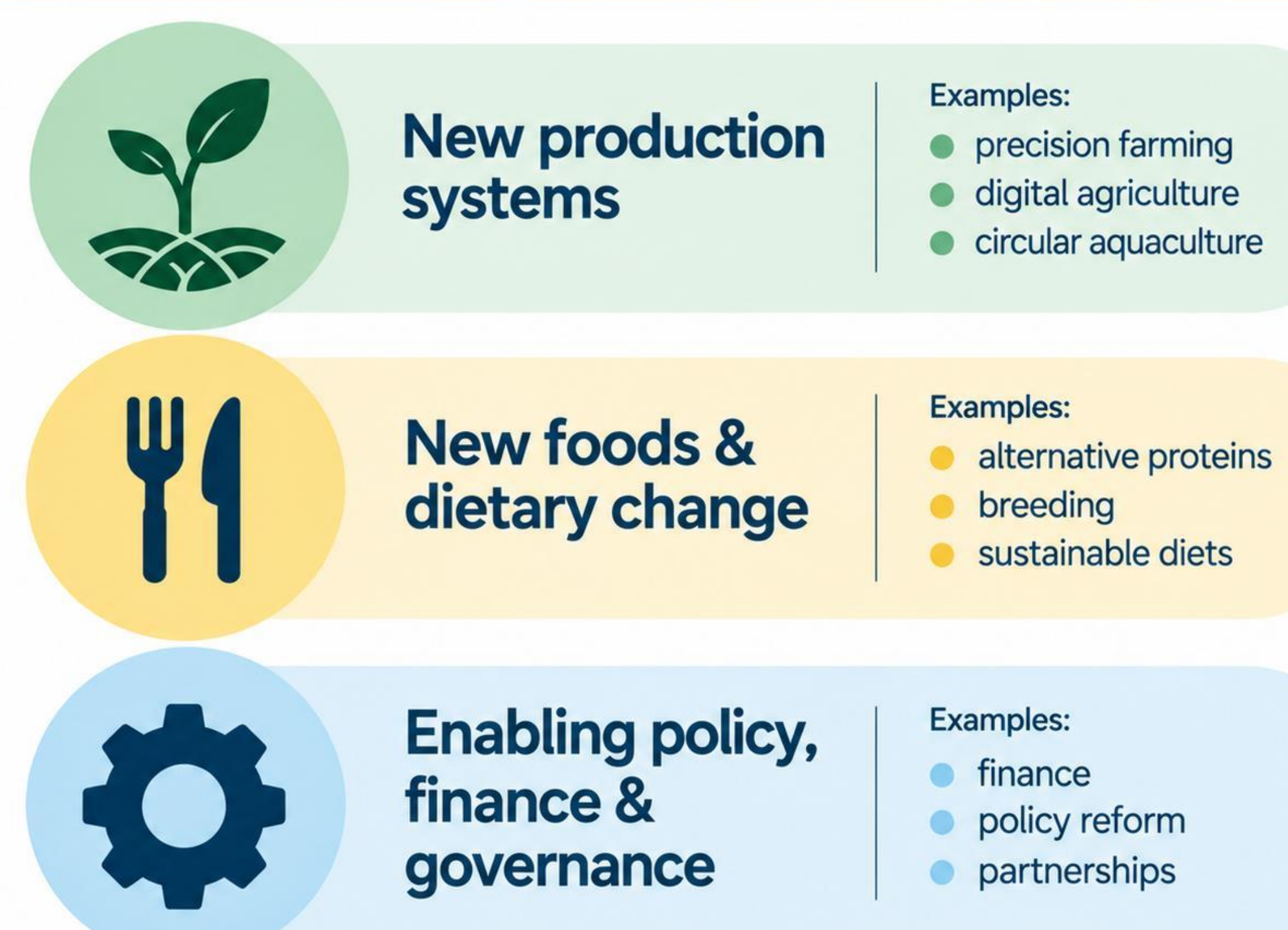


Innovation mapping approach



Innovation areas

Three interconnected innovation areas



Conclusion

- **Innovation portfolios, not isolated solutions:** Transformation requires combinations of technological, social, policy and financial innovations.
- **Implementation is the challenge:** Many innovations already exist; they need to be connected, adapted and scaled across contexts and sectors.
- **Enabling conditions matter:** Policy, finance, institutions, knowledge exchange and collaboration determine adoption and scaling.
- **Important gaps remain:** Social innovation is less visible, and blue foods are comparatively underrepresented.

Many innovations are known. The challenge is to connect, adapt, implement and scale them across interconnected systems and not in silos.

Innovation portfolios + Enabling conditions → Context-specific adoption & scaling → Systemic transformation