Sustainability and Ethics by Design:
In the development of digital platforms in low resource environments

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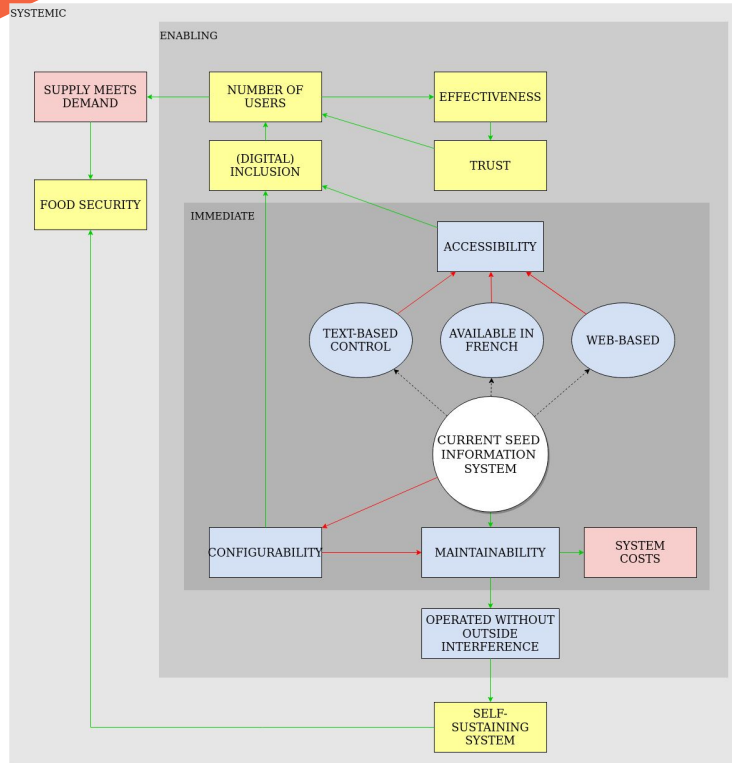
Context of this research: food security in rural Mali

Designing a seed trading platform

Sustainability

- Sustainability goal: *"system that operates without outside interference"*

- Sustainability can only be measured over time

- Sustainability Quality Concerns in Decision Map

Ethics by design

- Ethics often overlooked in ICT and international development
- Reflection on the role and responsibility of developers
- Dialogue and deliberation with communities to anticipate the 'unknown unknowns' of technology innovation
- *Embedded ethics* by co-creation

Thank you!

We are happy to answer any questions

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