

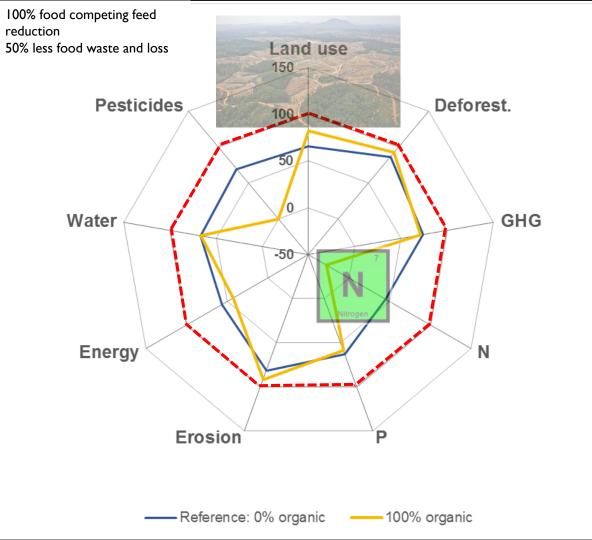
Research Institute of Organic Agriculture FiBL info.suisse@fibl.org, www.fibl.org

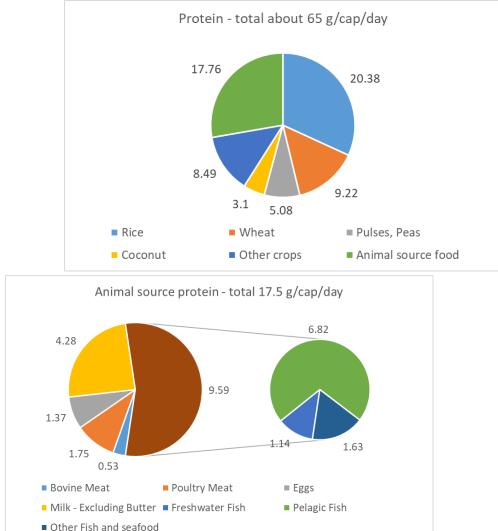


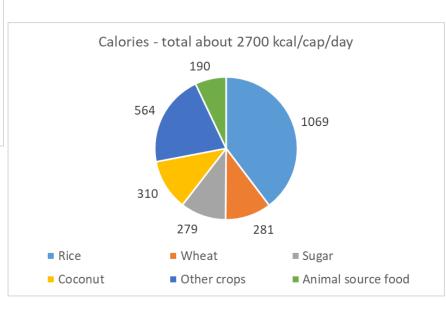
Organic agriculture and aspects of food security

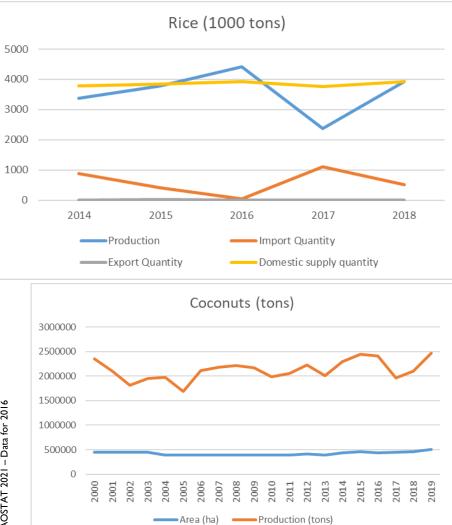
Adrian Muller (adrian.mueller@fibl.org)

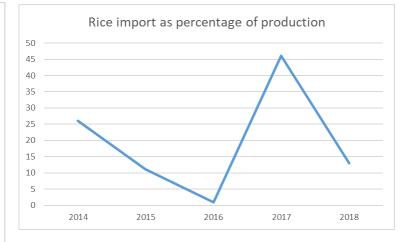
Organic Sri Lanka – International Stakeholder Discussion on Building Sustainable Supply Chain for Organic Inputs in Sri Lanka Online, 22.6.2021

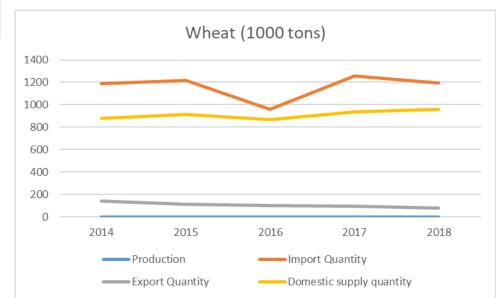












Food System in Sri Lanka – further aspects

- Small feed areas and feed imports
- Post harvest losses: about 30%
- Strong dependence on fertilizer imports (in particular P)
- Overall, rather low level of nutrient recycling
- Climate change impacts

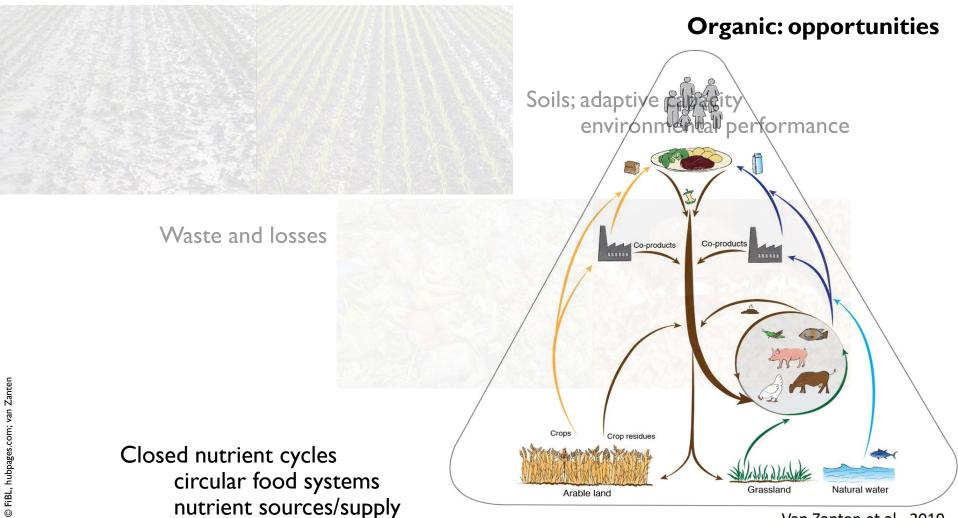


Organic: opportunities

Soils; adaptive capacity environmental performance

Waste and losses





Van Zanten et al., 2019

Organic: challenges

- Yields and nutrient supply
 - Not much room for reduction of feed crop areas
- Potential import dependence price volatility
- More fruits, vegetables healthy diets
 - Plant protection
 - Losses
- Irrigation

Conclusions

- High shares of organic agriculture are possible
 - but a good risk management strategy is key (prices of imports, climate impacts, etc.)

Conclusions

- Plan for an extended transformation period
 - goals requirements to reach those steps needed to meet the requirements
 - establish risk management institutions
 - building the knowledge base and extension services
 - testing new approaches (agroforestry, etc.)
 - learning by doing (what works where)
 - developing locally adapted solutions
 - involving all value chain actors (storage, processing, etc.)
 - changing the policy landscape (subsidies, etc.)