



INMS

Activity 1.6.

EXAMINATION OF BARRIERS TO ACHIEVING BETTER N MANAGEMENT

Report

Chapter 1 - Examination of economic, cultural & other factors that affect adoption of measures

Chapter 2 - Global/regional examination of N barriers to change in food systems

Chapter 3 - Global/regional examination of N barriers to change in consumption-production

Chapter 4 - Exploration of options to overcome barriers inc. the role of a full N approach

Contributors

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Chapter 1 – General barriers

Aims to answer the questions.

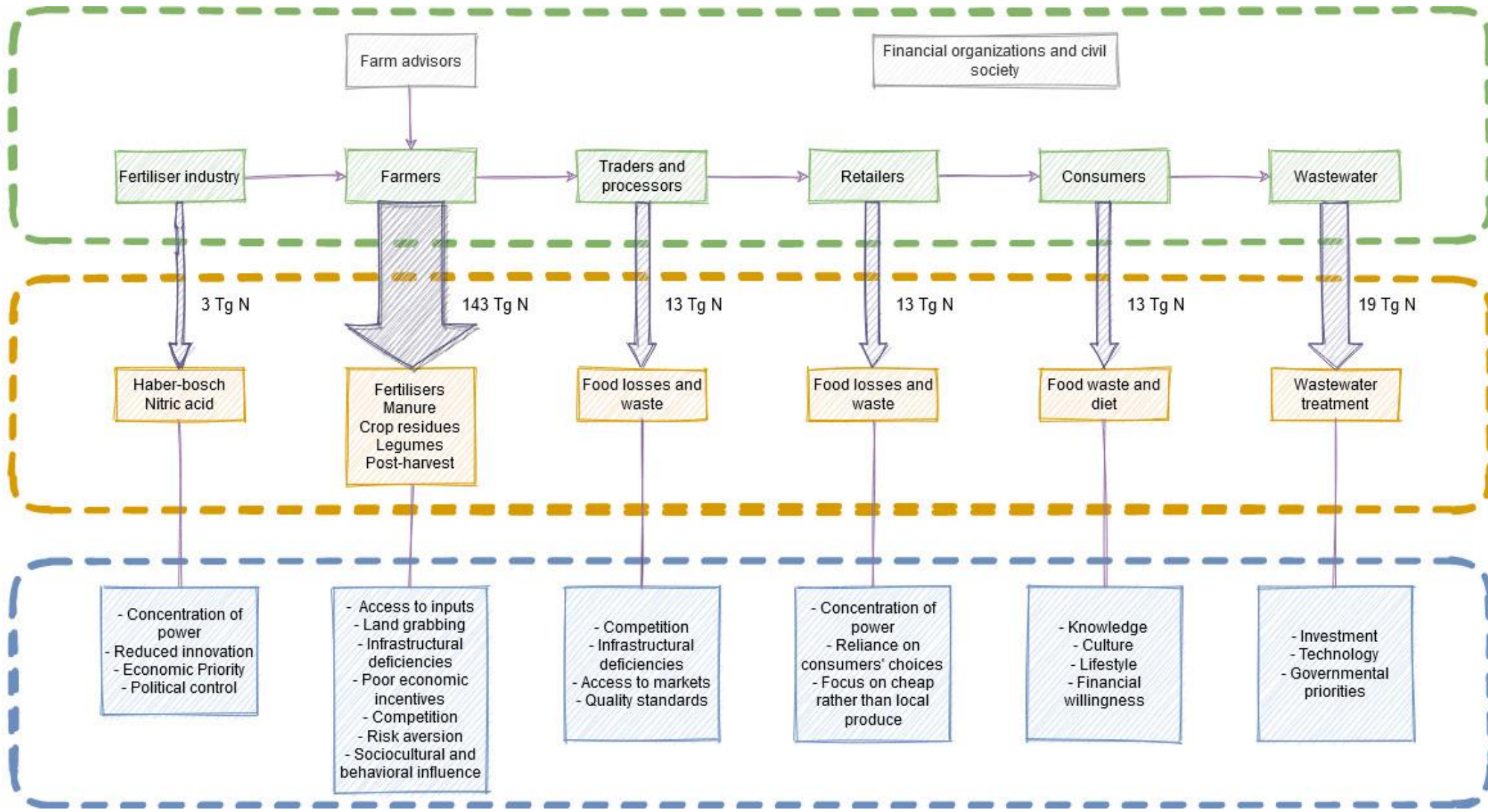
- What are the main barriers?
- Are the barriers cross-sectional within the agri-food supply chain main actors?
- Are the barriers representative in different realities (e.g., in developing vs developed countries?)
- How challenging are the barriers?

Create a common framework to identify and target the main barriers in the food production-consumption system.

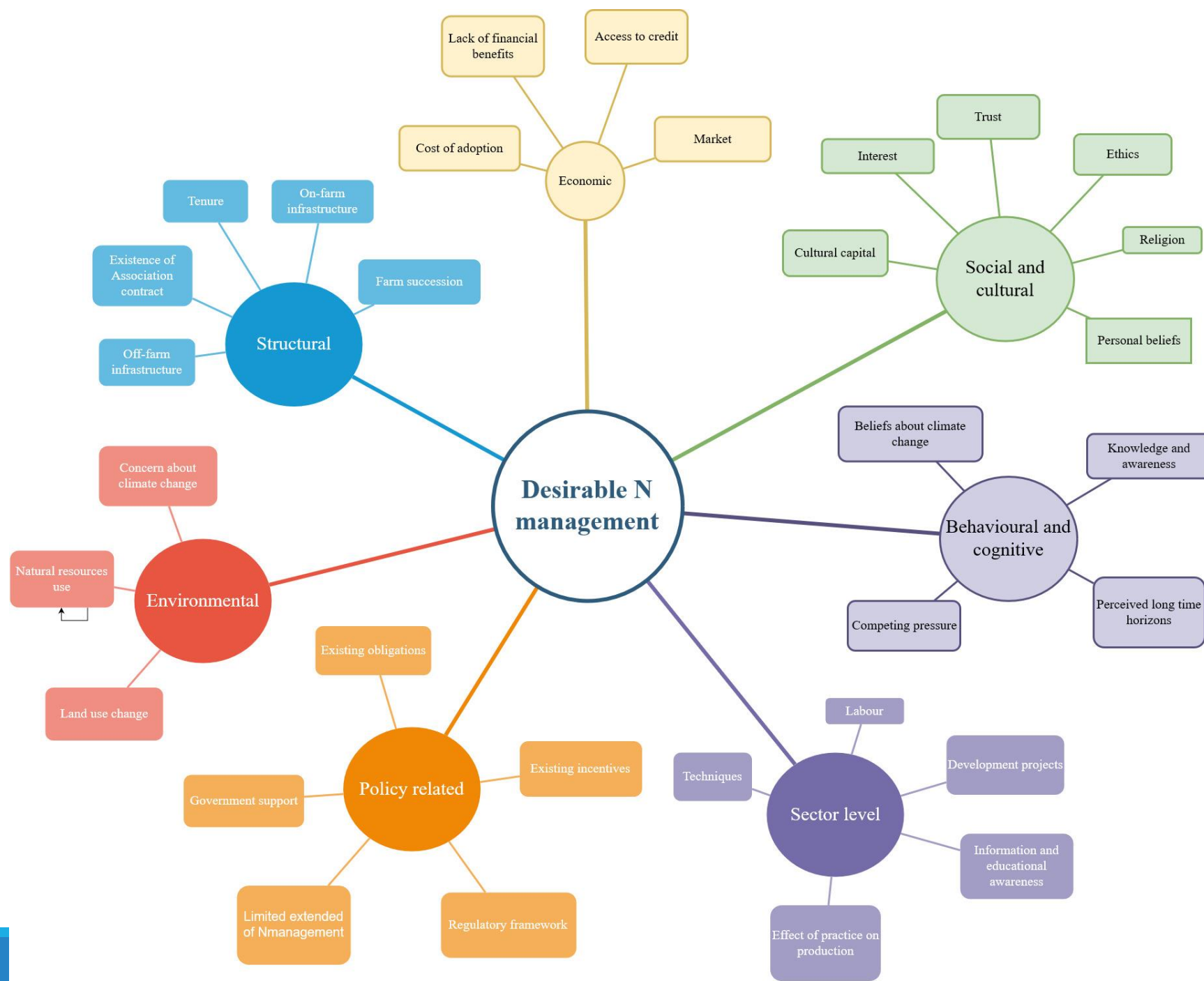
Agri-food chain actors

Nitrogen losses

Main barriers

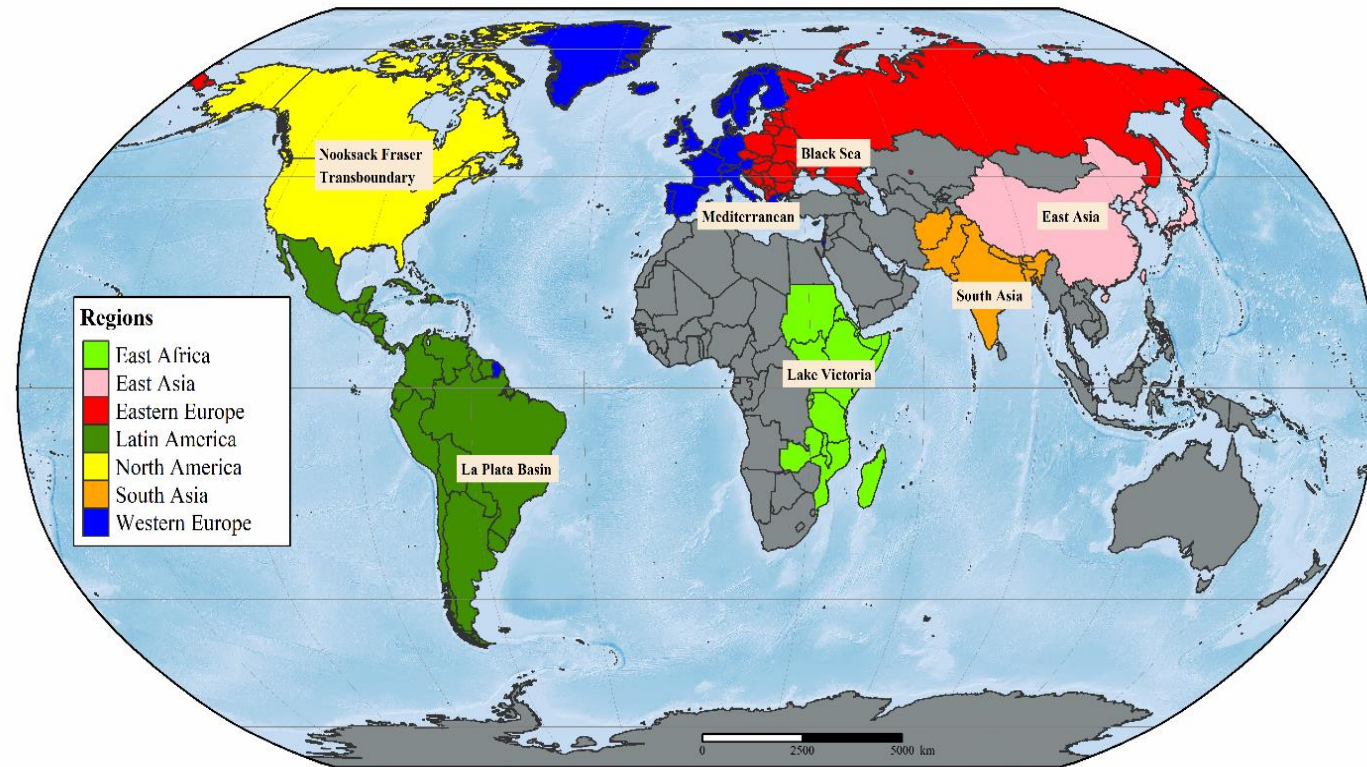


Adapted from Kanter et al. (2019)



Chapter 2 – food production systems

- Component 3 Demo regions
- Use expert judgement, region-specific data and literature review to identify regional barriers
- Provide a qualitative overview
 - Highlight the main barriers
 - Identify common bottlenecks (e.g., postharvest losses in developing countries)



Level of challenge represented by
the sub-barriers in each world region.



Identification of the main thematic areas
to tackle



Chapters 3 & 4

Under construction

Questionnaire

Currently in several languages:

English

French

Japanese

Russian - English

Romanian

Spanish – under construction

Portuguese (from Brazil)

Portuguese (from Portugal)

Workplan

Ambition:

- ❖ finalize chapters 1 & 2 next 2 weeks
- ❖ finalize 3 & 4 until mid august
- ❖ september - deliver report for review
- ❖ Collect answers to the questionnaire until mid august
- ❖ start to write the INS chapter 26

INA book

Chapter 26 – Addressing the barriers to better nitrogen management

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