

# Strategic actions to prevent food waste: a food systems perspective

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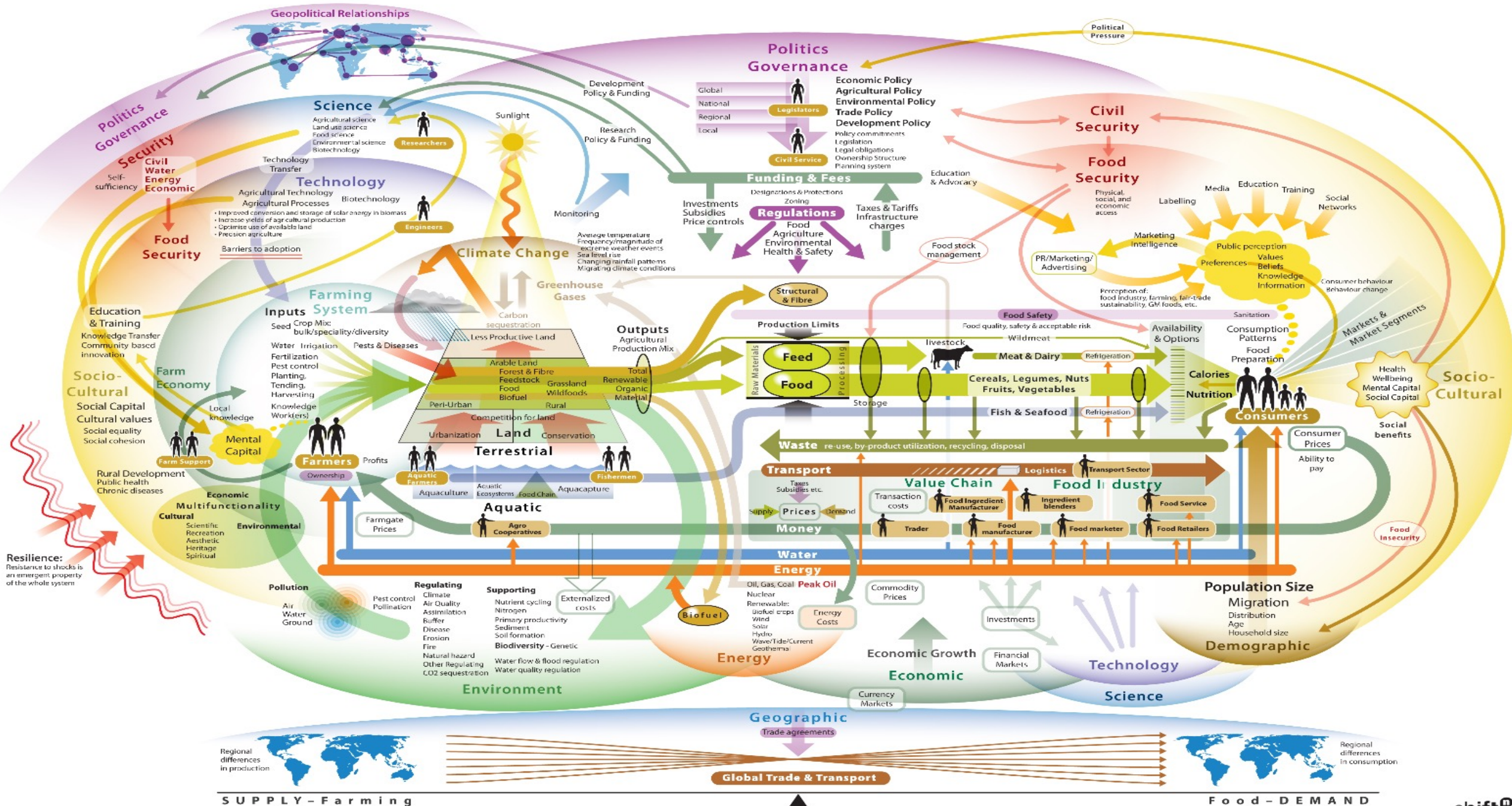
# Why take a food systems perspective?

## Opportunities, challenges and trade-offs

- Developments in food systems will be key in the achievement of the 2030 Agenda
- Vast potential to underpin economic growth, create jobs, satisfy changing consumer demand
- Concerns related to overweight and obesity, food safety, AMR, transboundary diseases, FLW, small actor exclusion, environmental degradation

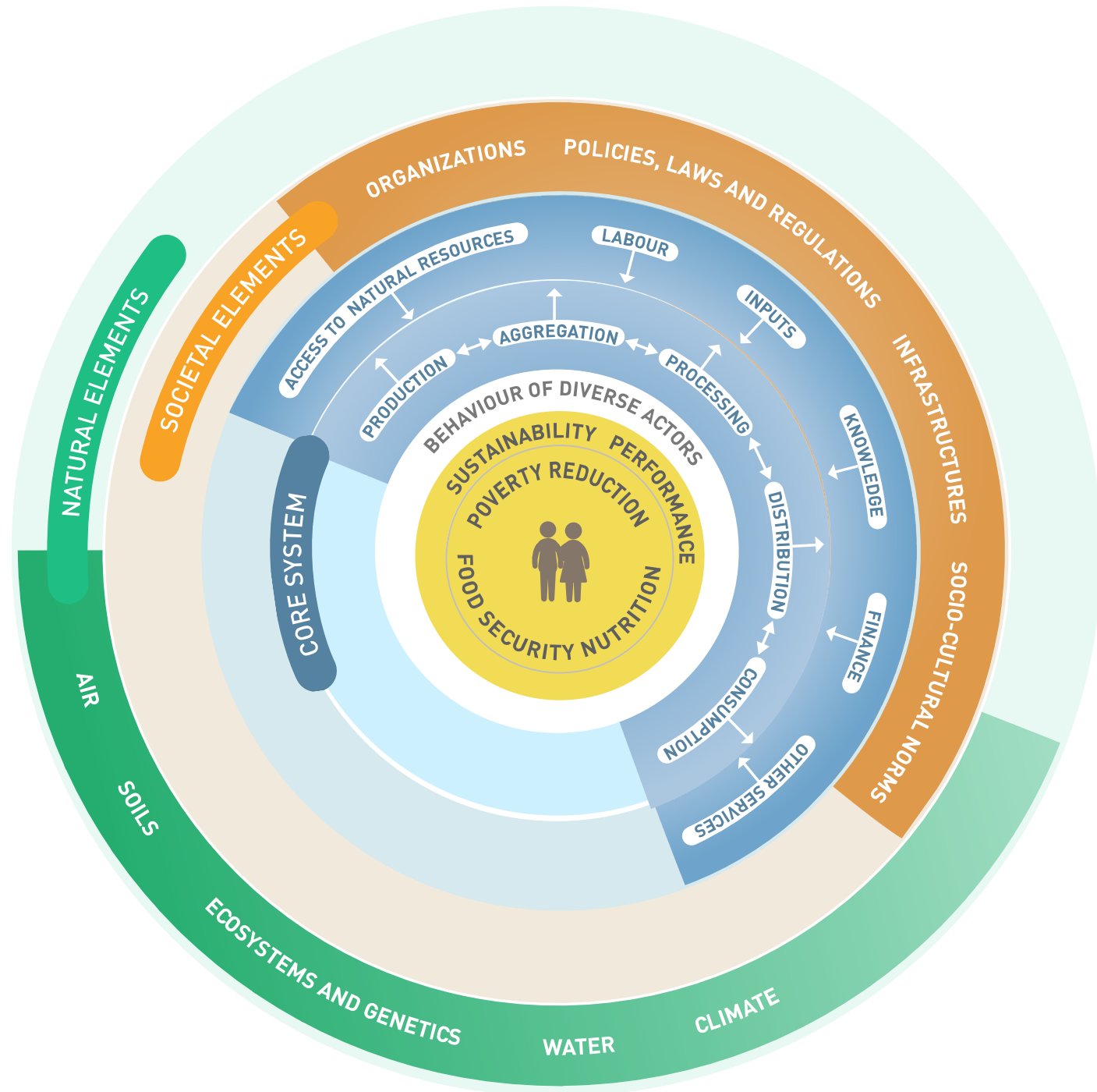
Food Systems approach facilitates solutions based on holistic analyses that identify, prioritize and address **critical** constraints and trade-offs, and which are implemented through the coordinated efforts of a diverse set of actors

# Global Food System Map

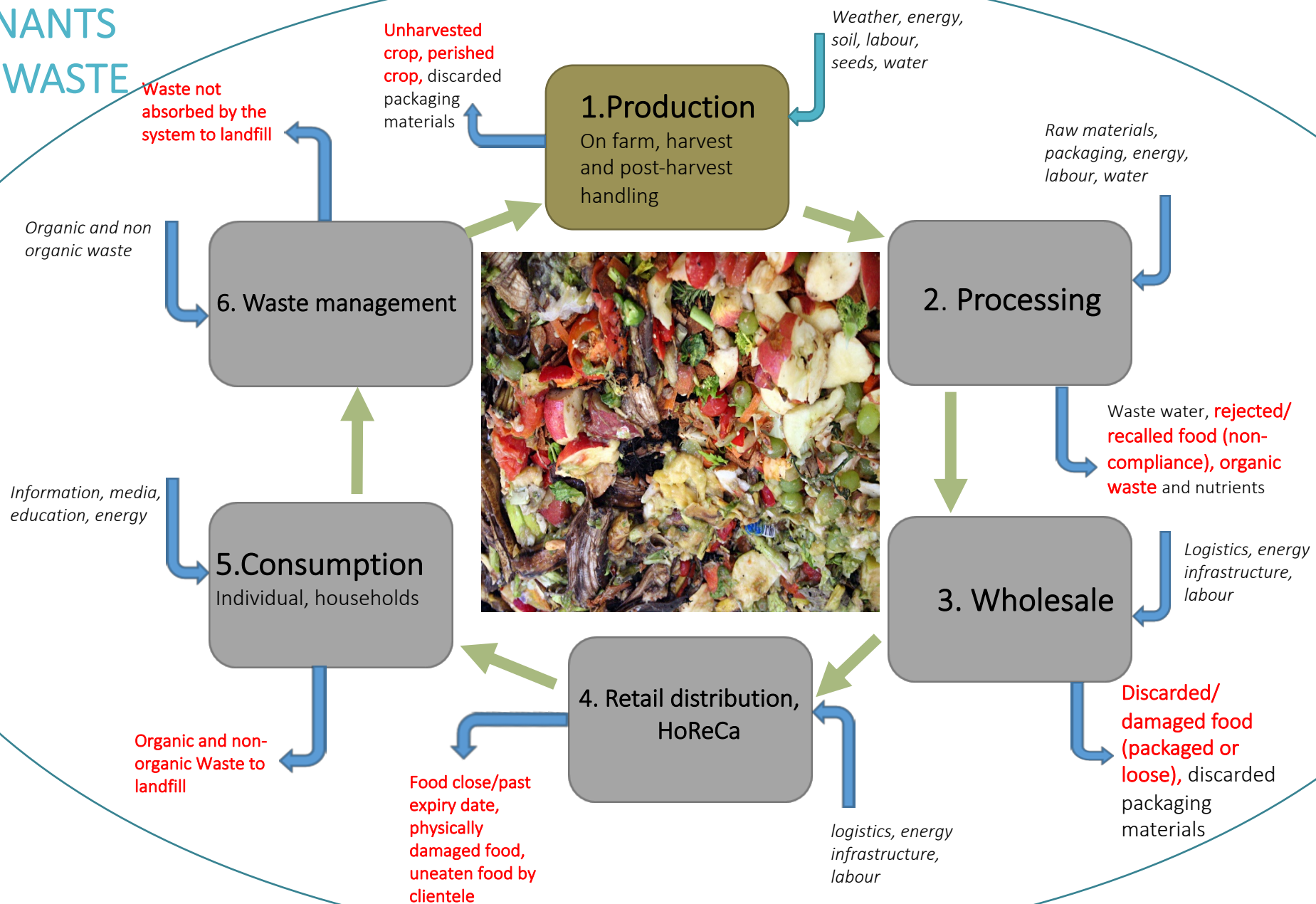




# The Food System Wheel



# DIAGNOSING DETERMINANTS OF FOOD WASTE



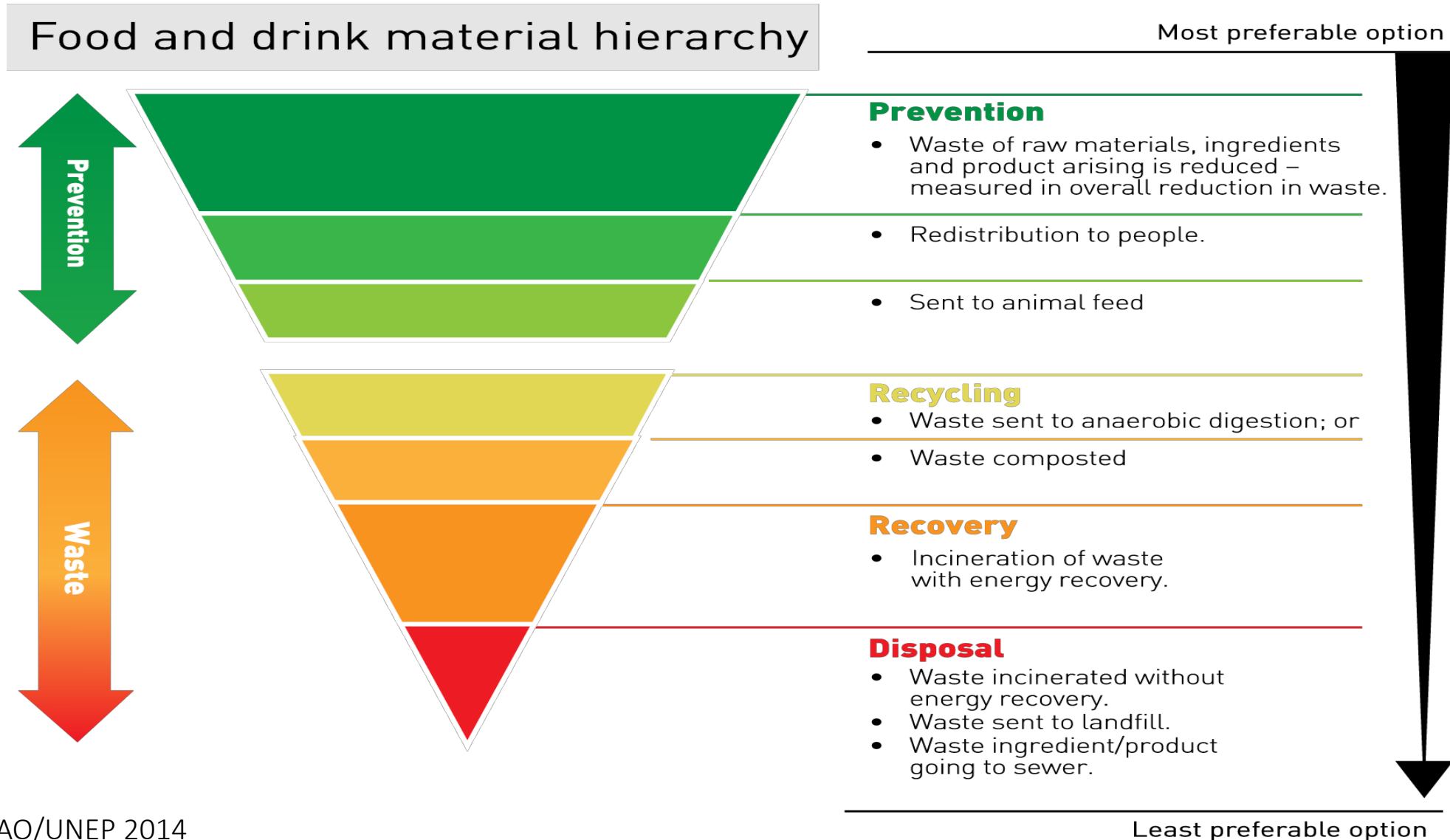
# From targeted action to coordinated solutions

Stage of the value chain	Solutions needed to reduce FLW
<b>Production</b>	<ul style="list-style-type: none"> <li>- Training on post-harvest management and handling</li> <li>- Improved storage and cooling facilities</li> <li>- Better production planning with use of ICT and updated market knowledge</li> <li>- Improved logistic systems</li> </ul>
<b>Processing</b>	<ul style="list-style-type: none"> <li>- Training on food safety and quality standards and compliance</li> <li>- Product process Optimization to reduce waste</li> <li>- Recycling and reuse</li> <li>- Use of technology for improved traceability and shelf life</li> </ul>
<b>Wholesale</b>	<ul style="list-style-type: none"> <li>- Improved infrastructure and handling practices</li> <li>- Training on food safety and quality</li> <li>- Use of technology for improved traceability</li> <li>- Improved logistic systems</li> </ul>
<b>Retail and HoReCa</b>	<ul style="list-style-type: none"> <li>- Evidence based date labelling</li> <li>- Recycling, reuse, recovery and redistribution</li> <li>- Business management optimization marketing strategy to reduce waste</li> </ul>
<b>Consumption</b>	<ul style="list-style-type: none"> <li>- Consumers education and awareness raising campaigns on food preparation, handling and optimum storage condition</li> <li>- Use of technology</li> </ul>
<b>Waste Management</b>	<ul style="list-style-type: none"> <li>- Innovation for organic waste management; compost, bio-energy at the municipality level</li> </ul>

Cross cutting solutions:

Improved partnership and coordination strategies

# Prioritising strategies to reduce FW



# Challenges to coordinated solutions

- Poor evidence base data and information on food waste hot spots
- Low capacity of public sector - legal, institutional and technical - to overcome barriers (e.g. to food donation)
- Weak enabling environment constraining PPPs
- Weak national food safety control system to ensure procurement of safe and nutritious food
- Inaccurate and confusing date marks on pre-packaged food products