



Using scenarios as contexts for EU innovation pathways

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Types of scenarios

- **Future scenarios:** conduct experimentation with the future
- military, policy (geopolitics), private sector
- In the face of **uncertainty** in complex systems
- **Explorative scenarios** investigate different contextual driving factors, how they could lead to diverse, challenging and relevant futures
- **Intervention/innovation/policy scenarios** investigate the potential impacts of different interventions
- A **combination** of the two types of scenarios is considered to be the most powerful – combines goals and contexts



SUSFANS: focusing on intervention scenarios

- When scenario processes include a focus on **specific policy actions**, they can be very impactful
- Relevant, credible and legitimate FNS **scenario sets** exist – stakeholder advice is not to reinvent the wheel
- After explorative scenarios are finished, their use for policy guidance still has to be initiated, and **this takes time**
- In SUSFANS, we draw on **existing** explorative scenarios, and focus our **main efforts** on the development of innovation pathways

Scenarios review and use

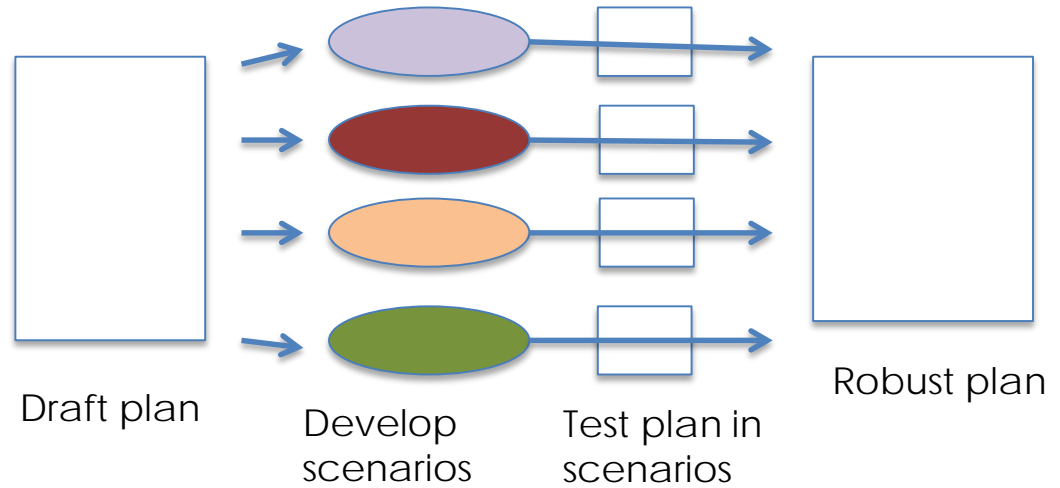
Approach:

- Analyse and discuss **key driving forces** for EU sustainable FNS together with stakeholders (1st SH meeting)
- **Review** existing relevant global and regional scenarios on sustainable FNS - analyse what elements of the **SUSFANS CF** they cover and how
- Combine the most pertinent scenarios into a new set – as **contexts** for the testing and development of innovation pathways

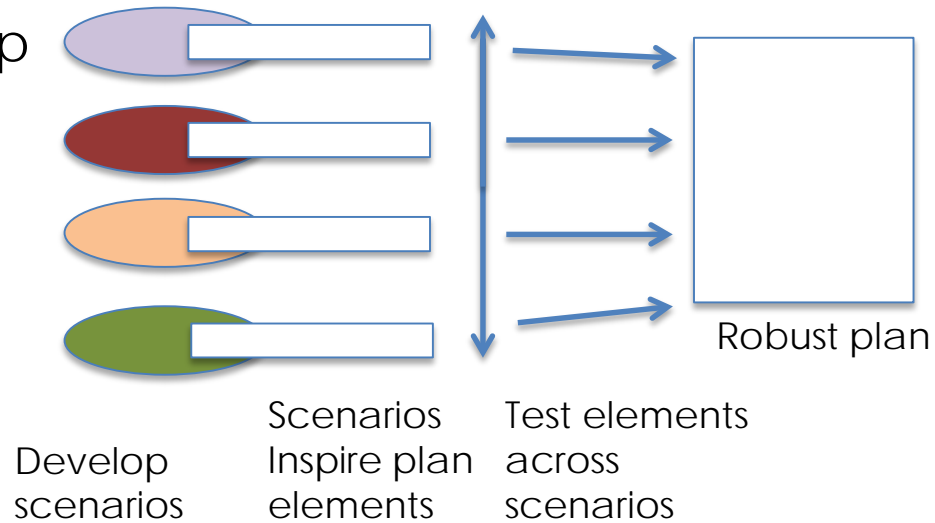
Scenario-guided planning

Two approaches:

- 1. start with plan, develop scenarios; test across scenarios

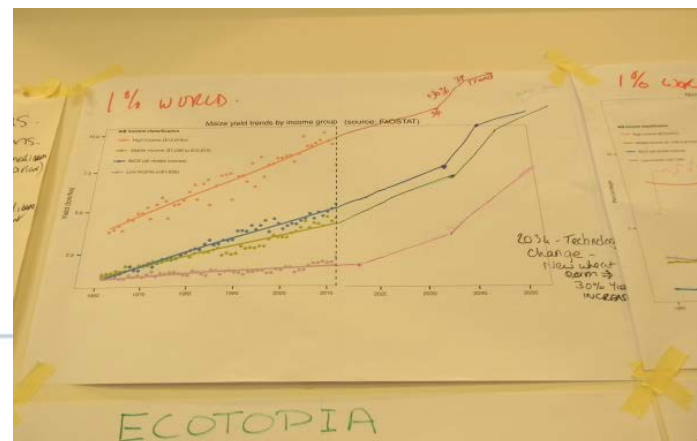


- 2. Develop scenarios, develop plans in individual scenarios, test across scenarios



Two main scenario sets – TRANSMANGO and FOODSECURE

- FP7 TRANSMANGO – 8 European scenarios constructed from a large number of drivers, based on extensive stakeholder interviews, selected from many possible combinations, used and ground-tested in 10 national case studies
- FP7 FOODSECURE – 4 stakeholder-developed scenarios offering diverse global FNS contexts, with a strong focus on socio-economic conditions and (in)equality combined with different sustainability outcomes





FOODSECURE	TRANSMANGO
Food for All But Not Forever	The Protein Union
Food for All But Not Forever	The Gravy Train
1% World	Retrotopia
1% World	The Grass is Greener
Ecotopia	Too Busy to Cook
Too Little, Too Late	Fed Up Europe
Too Little, Too Late	The Price of Health
Too Little, Too Late	Goodbye to All That

8 Scenarios = more contexts, flexibility



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Today's exercise

- Four groups, two scenarios/group – groups in folder
- Take 5 minutes to read the scenario, 5 minutes to discuss it, and then ask, using the IPs:
 - What innovation pathways seem **highly feasible** in this scenario and how can they be built upon in this world?
 - What innovation pathways seem **particularly problematic** in this scenario, and how can they be improved?
 - What new innovation pathways can you think of that would respond **particularly well** to the challenges and opportunities of the scenario?
- This process is then repeated for the other scenario.
- During these 30 minutes, come up with a **scenario name!**

Other topics to consider

From WS1:

- What happens to the CAP?
- How to manage power relationships along the food chain?
- How to develop legislation for a fair governance of the food system – through a food system policy?
- How to formulate environmental policies and their impacts on the food system?
- How to respect and incorporate values and perceptions held by food consumers?
- What role does Big Data play?

Full scenario engagement!

Since this is only a short session:

- Immerse yourself in the scenario – story mode rather than discussion
- Scenarios become plausible through the stories you tell about them!





Thank you!



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