



Pillar 3 – Foresight & Policy Guidance

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Assessment (pillar 1) and modelling (pillar 2) integrated
to achieve IMPACT on shaping the future of the European food
system





Foresight & Policy Guidance

DoA for Pillar 3

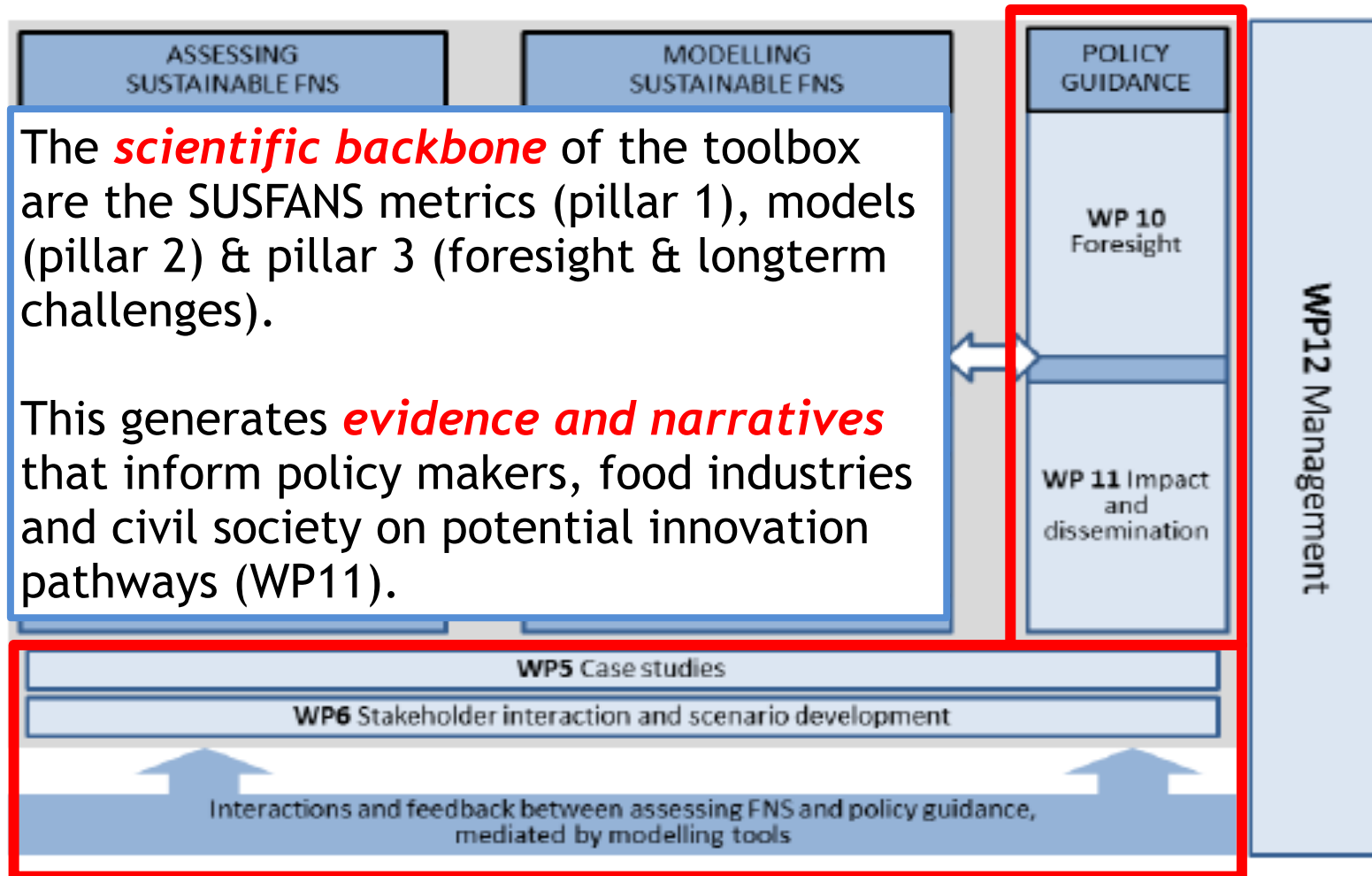
DoA

- bring about *foresight* and
- identify *long-term challenges* to FNS and
- the role of the *EU agro-food sector*,
- thus improving the capacity of *related policies* to provide appropriate answers.





Foresight & Policy Guidance in the SUSFANS framework





Topics

- Foresight & scenarios (previous presentation)
- Innovation pathways
- Policy guidance



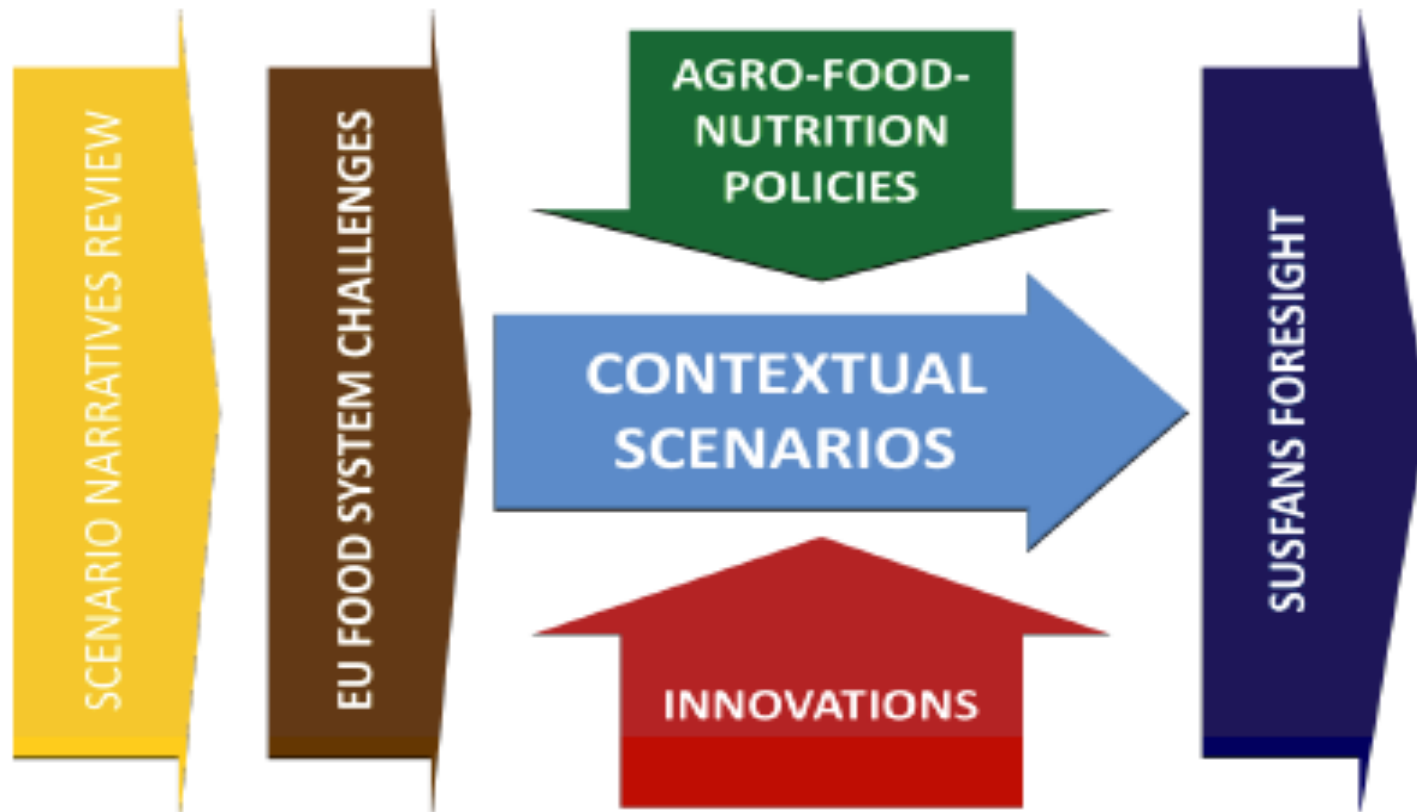


WP10 Foresight (Pillar 2)

FORESIGHT & SCENARIOS



Foresight (WP10)



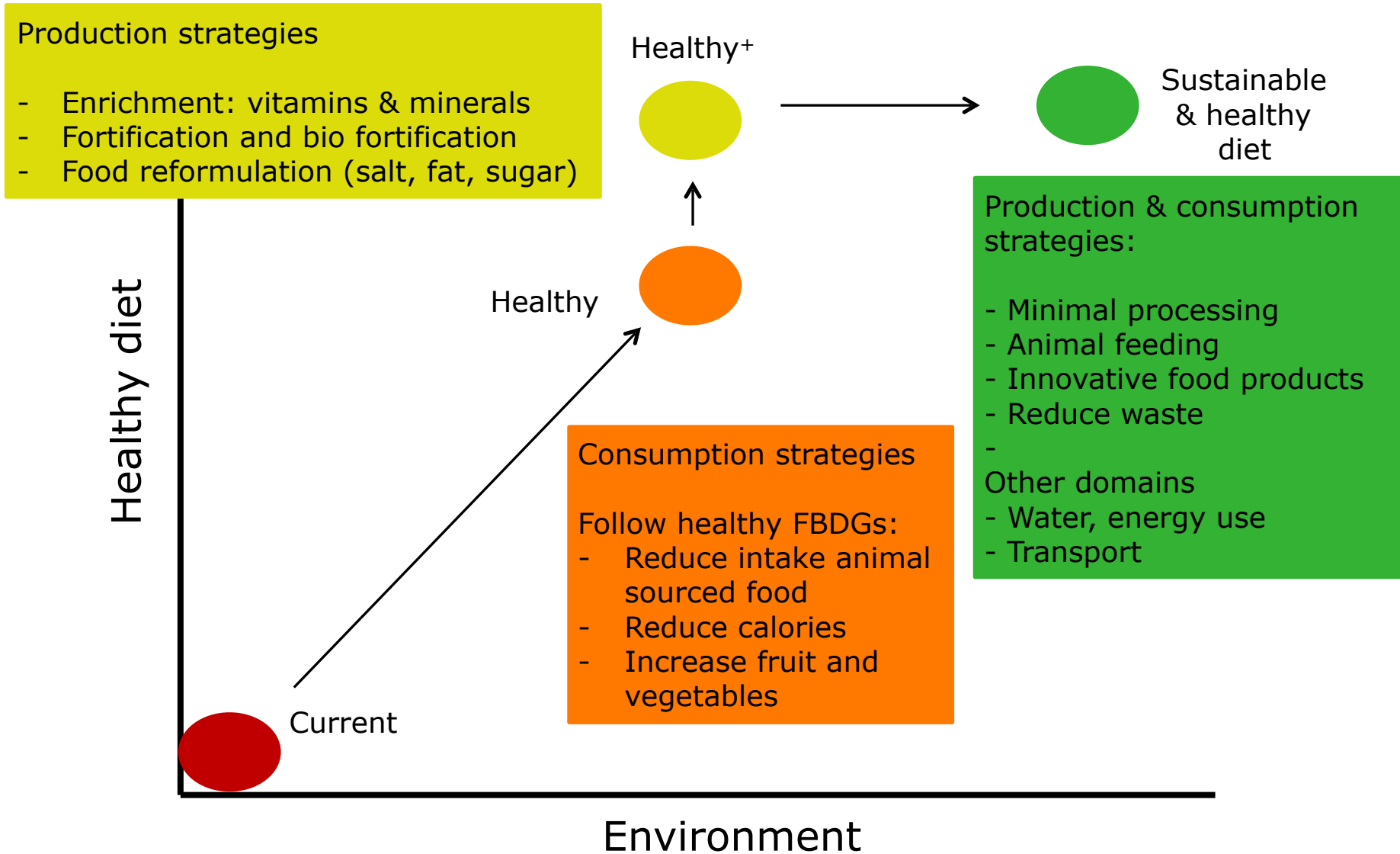


WP5 - CASE STUDIES ASF & F&V

INNOVATION PATHWAYS



Towards healthy and sustainable diets





Case studies (WP5)

1. To identify different pathways that enable to find direction in achieving sustainable healthy diets within the EU without implications around the globe.

2. Proof of principle for performance metrics of the food system

■ Livestock & Fish
(production-oriented)

■ Fruit & Vegetables
(consumer-oriented)





Strategies for ASF and F&V (D5.2 and D5.3)

Strategy	Animal Sourced Foods (ASF)	Fruits and Vegetables (F&V)
Product(ion)	Focus on including insects in livestock and fish feed	product innovation packaging & branding processed products production chain
Consumption	Reducing meat intake Replacing beef with other ASF (incl fish) Novel protein source (pref in-vitro meat)	Targeting groups. Motivation, social context, communicating to inform. Improving acceptance of technology and products.
Circular	Use products that people don't or can't eat as livestock feed fishing 'at ecological equilibrium'	Rest stream (animal feed, package, ..) Food waste (support planning, buying, storing, preparing & left-overs).



Workshop June 5th 2018

Lessons learned towards bridging the gap between agro-production, health & wellbeing, arriving at circularity?

- Sustainability & health intimately connected via diet
- Data types are complementary (macro-economic national & determinants and intake patterns consumer)
- Common agri-policy, but large heterogeneity between countries & consumers (diet quality&sust, determ. behav.)
- Need for multidisciplinary research agenda, multi-stakeholder involvement, multisectoral policies





WP11 - Impact and dissemination

POLICY-GUIDANCE





Food system actors & influencers

Agriculture

- Intensification, circularity, production systems ...

Food industry

- Food reformulation, technology, resource use, packaging, (minimal)processing, portion size

Public health

- Education, access (food environment), affordability (price, income, tax)

Consumers

- Appreciation, fair-trade, animal well-being, allotments, urban agriculture, convenience, waste, cooperatives (farms)

Policy

- Integrated policies, inter-sectoral, thematic, EU/nat'l, ...





Insights from SUSFANS

- The food system is a mammoth tanker (steady going, slow change, eg palm oil)
- EU agri- vs national health policy (subsidiarity, eg DK)
- Goals and incentives for food companies & consumer to initiate and facilitate innovation
- Synergies between cons/prod/circular innovations
- Policy/decision support via monitoring & assessment, modelling dynamics synergies and trade-offs.





Foresight on Sustainable FNS

Policy options for food system change

NUTRITION & HEALTH

UN SDGs 2, 3 & 6
Nutrition, overweight and obesity-related health (com.p000).z09
WHO Health policies
EU Action Plan on Childhood
EU-Global Food Security P
EU-Global Food Security
EU-Blue Growth Strategy
EU-Food Safety Policy
EU Health Policy

INNOVATION & CO

SDGs 1, 8, 9 & 11
COP21 Climate Change
EU-Global Food Security
EU-European Fund for S
EU-Common Agricultural
EU-Rural Development Fund
EU-European Structural and Investment Funds
EU-Common Fisheries Policy

CLIMATE & SUSTAINABILITY

UN SDGs 11, 13 & 14
COP21 Climate Change
EU-Environment Policies
EU-Environment Policy Framework Directive
EU-Environment Directive
EU-Environment Security
EU-Cultural Policy
EU-Environment Fund
EU-Environment Series Policy
EU-Environment Cooperation
EU-Environment policies

RESOURCE EFFICIENCY

EU-Environment Policies (water, waste, circular economy package)
EU-Global Food Security Policy

Relevance to policy:

- Modelled impact & ability to change
- Fragmentation to be overcome (data sharing, coherency)



Towards policy guidance

The evidence base

- What innovations **need** to be implemented?
- What are **knowledge gaps**, inhibiting action?

Relevant input to stakeholder-tour and final meeting (Karin Zimmermann)

The stakeholders (supply chain, consumer, health)

- What **synergies** do you see as a stakeholder? (quick wins, opportunities)
- Where are potential **conflicts** (what & with whom?)
- **Barriers / opportunities** for system change in current policies?

Policies

- What policy domains involved? How to handle the trade-offs?
- High-level foresight on the challenges for FNS (near future, longer term)
- Formulate longer term policies on basis of advanced quantitative tools

Our challenge today

Science for
Impact

