



Integrated governance of Baltic herring and salmon stocks involving stakeholders

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BONUS Ecosystem services projects' kick off conference

Brussels



goherr

Starting point



- Dioxin in Baltic salmon and herring (sprat)
- Eating recommendations
- Sales restrictions (EU)
- Export - ?
- Herring: Feed, fish meal, fish oil
- Salmon: smaller commercial significance

- **FAO: fish resources for human food!**

*go*herr aims to:

- Examine potential of integrated (ecosystem-based) management of Baltic salmon and herring
 - In reducing dioxin in these fish
 - In reducing uncertainty in fisheries management
- Examine opportunities to manage dioxin risk in a more effective way
 - Integrate dioxin risk management with fisheries management?
 - Dioxin risk governance?



Three main perspectives

BIOLOGICAL

Salmon-herring interaction

Dioxin accumulation

Fishing to decrease dioxin

PUBLIC HEALTH

Fish eating habits, trends

Risks and benefits of fish intake

Involve stakeholders!

SOCIAL

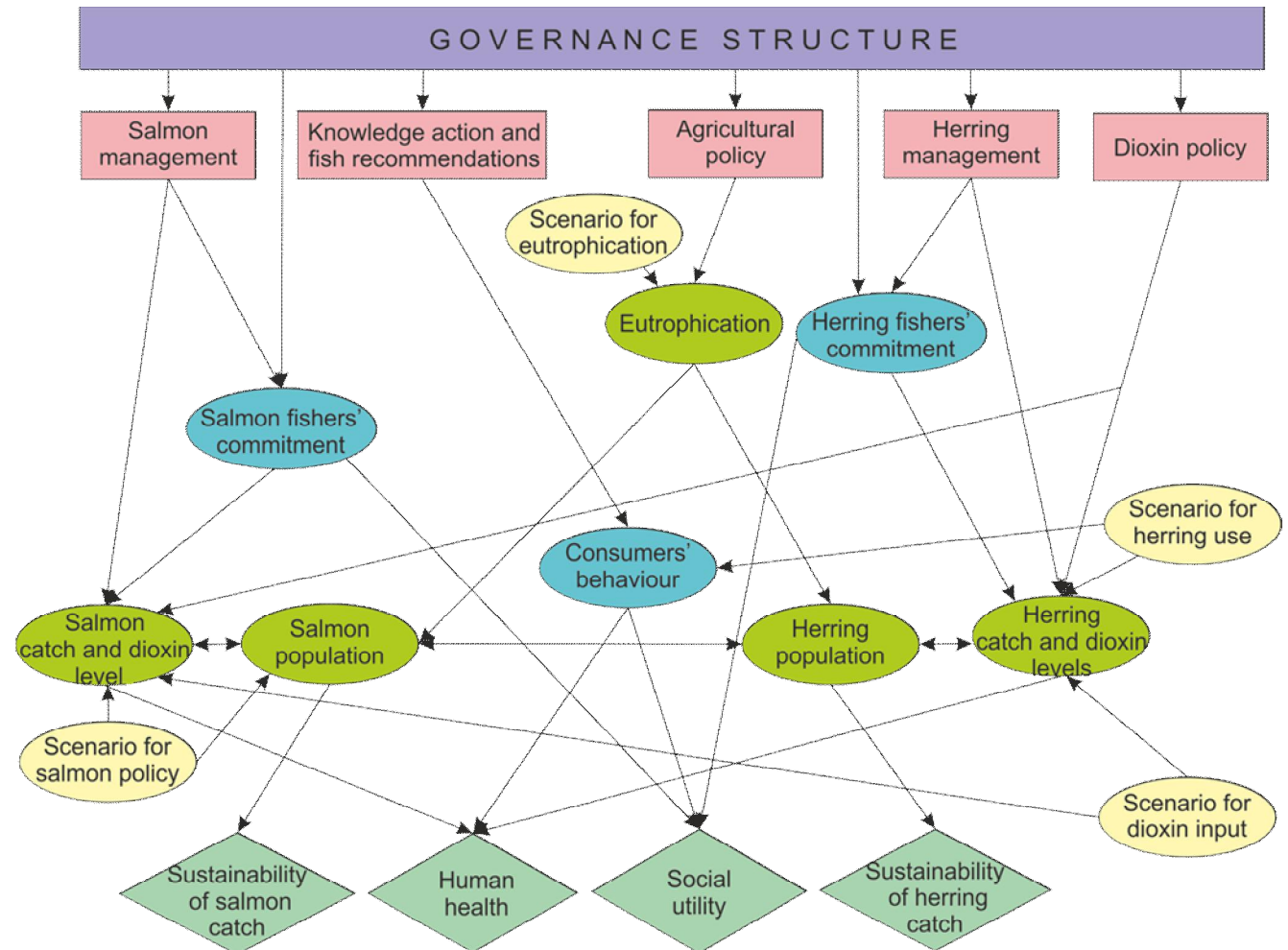
Governance to support integrated management of fisheries, and dioxin risk

Values related to Baltic herring and salmon

Objective

Build a holistic Bayesian decision support model that combines the health of the Baltic Sea with the health of humans, and interactions of the ecosystem with societal values and human behaviour

- Analyse fisheries management in relation to dioxin risk management
- Scenarios for salmon policy, herring use, dioxin input, and eutrophication for 2040
- Evaluate alternative governance models and management actions to reach commonly defined objectives



Uniqueness and beauty of *goherr*

- New holistic model-based perspective to the dioxin problem: accumulation, risks, management, governance
- New knowledge on ecosystem-based/multi-species/integrated management and governance
- Explicitly integrate socio-cultural values with governance
- Use the public workspace Opasnet to collect, synthesise, and distribute information
http://en.opasnet.org/w/Goherr:_Project





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Thank you!

