





Smart Aqua4 FuturE

Policy and governance issues

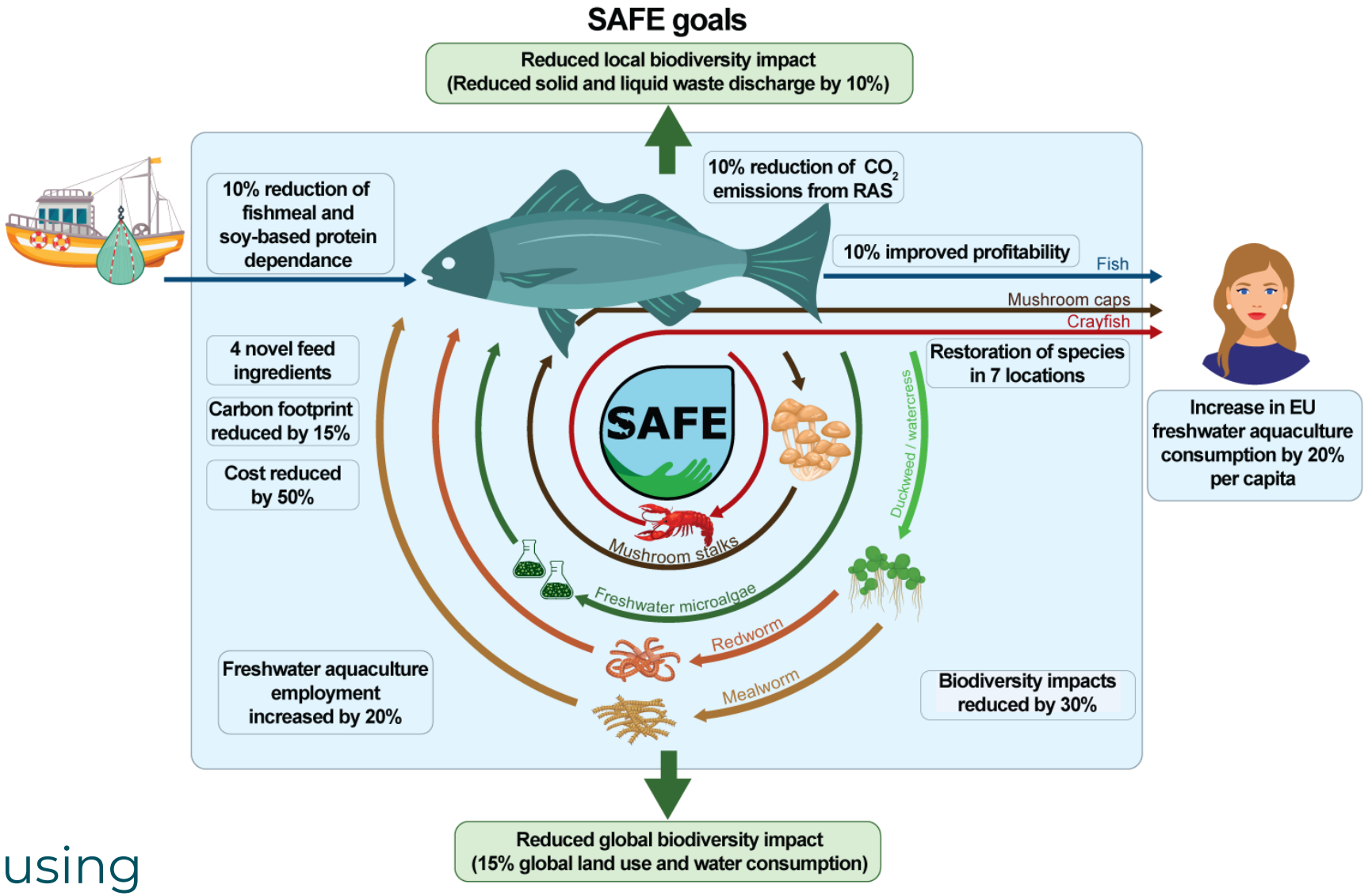
TEAMS & 27 OCTOBER 2027

Finnish Environment Institute

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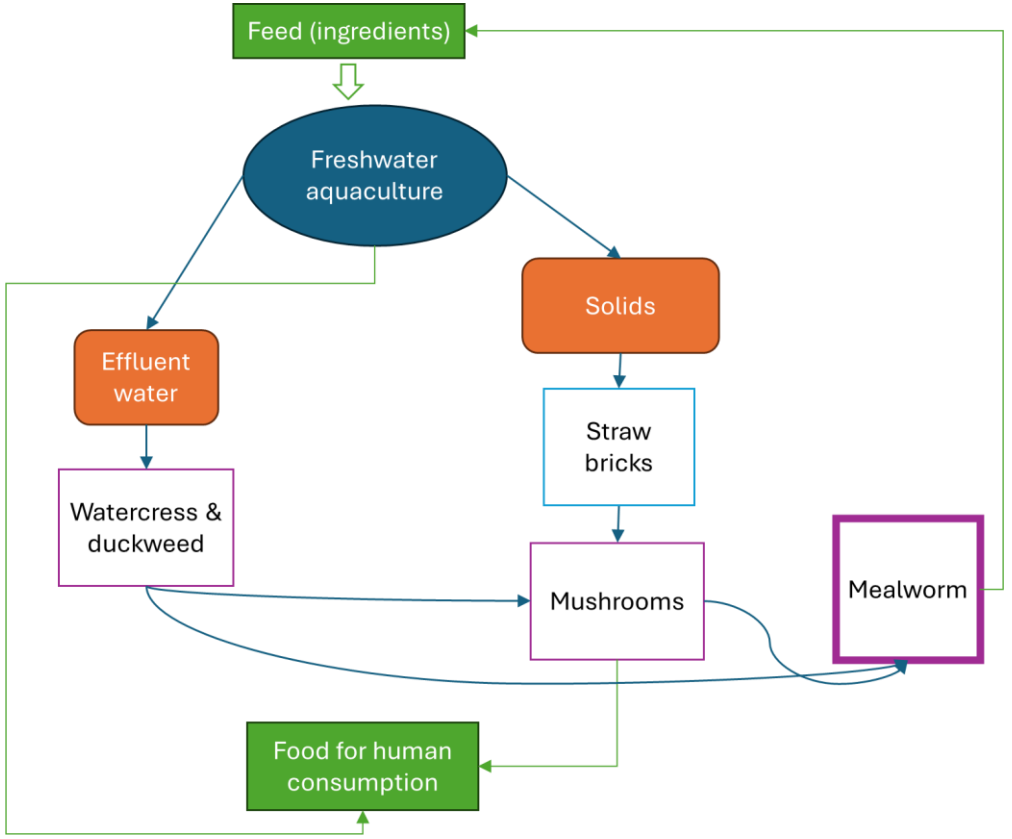
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Regulatory barriers: the case of insects (on SAFE diet) for feed

Insects that are approved as feed (processed animal proteins): Black soldier fly (*Hermetia illucens*), common housefly (*Musca domestica*), yellow mealworm (*Tenebrio molitor*), lesser mealworm (*Alphitobius diaperinus*), house cricket (*Acheta domesticus*), field cricket (Gryllus assimilis), banded cricket (Gryllus bimaculatus) and silk worm (Bombyx mori)

→ These are ***farmed insects***, and considered **farmed animals** as defined in Animal by-products Regulation (EU 2021/1925; EU 2017/893; EC 999/2001; EC 1069/2009; EU 142/2011)

→ insects for feed are to be reared with feed and substrates complying with food and feed regulations (999/2001, 1069/2009, 142/2011, 767/2009, 183/2005, 2160/2003, 2002/32) (i.e. of vegetable origin; a few animal by-products allowed (e.g., milk, eggs,…); 🚫 "manure", faeces, urine)



General Food Law (178/2002)

Waste Framework Directive (2008/98(EC)); *Animal By-products Regulation* (EC 1069/2009

Sludge collection and treatment

Duckweed and sludge

RAS process water

Water Reuse Regulation (2020/741); *Urban Wastewater Treatment Directive* (91/271/EEC);…

EU Algae Strategies

Mushrooms

Mealworms

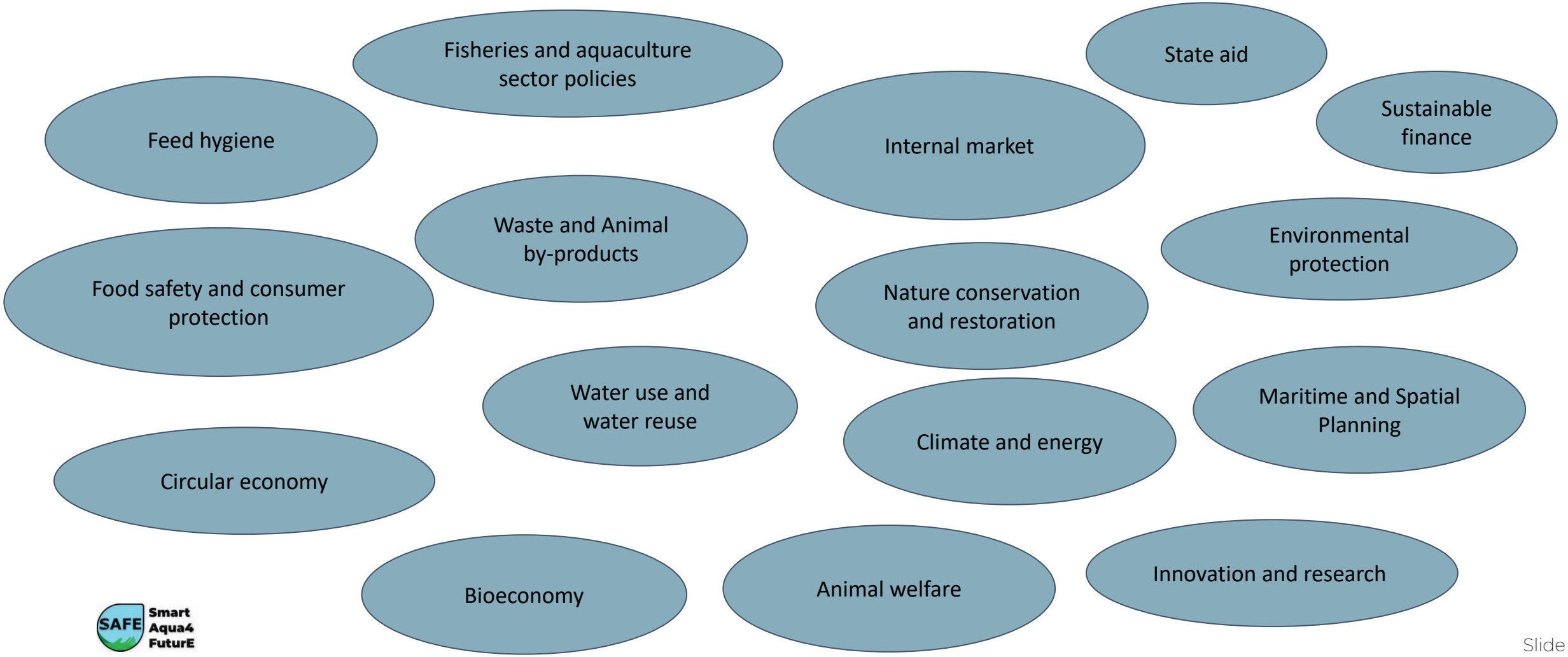
Redworms

Microalgae

Feed Hygiene Regulation (183/2005); *Feed Marketing and Use Regulation* (767/2009); Regulation (EC) 999/2001 (on TSE)

Fishfeed trials

Key policy areas for Circular Freshwater Aquaculture in the EU



General observation: precaution needed

- General Food Law (EC) No 178/2002) defines the general safety requirements for food and feed
- Specific regulations apply depending on the circumstances, including source, content, treatment, purpose,…
- Uncertainty exists due to lack of uniform legislation, lacking or incoherent definitions, and lack of categorisation of materials
- **The practical challenges: what does the sludge and effluent water contain, and are those content the same everywhere all the time?**
- Development of circular feed would also require
  - measures and technology to increase traceability, and transparency and consistency of data gathering and reporting
  - Markets for materials, operators that use the material, and logistical flows or colocalisation that support the economic viability of circularity
  - Incentives and support

European Commission

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Oceans and fisheries

Home | Topics | Ocean pact | Common fisheries policy | Funding and investment | Publications | News, media and events

Home > Common fisheries policy (CFP) > Vision 2040 for fisheries and aquaculture



Vision 2040 for fisheries and aquaculture

What the EU is doing

The Vision 2040 for fisheries and aquaculture is the **EU's long-term direction** for building a sector that is sustainable, resilient, innovative and competitive. It sets out how fisheries and aquaculture can continue to provide food, jobs and economic activity while protecting marine ecosystems and supporting coastal and rural communities. In short, it is about ensuring that by 2040 the sector can thrive within environmental limits, adapt to change and remain attractive for future generations.

It is based on extensive consultation with stakeholders and embeds two key initiatives: the **Energy Transition Roadmap for fisheries and aquaculture** and the **EU strategy for fisheries external action**. It is also a concrete deliverable of the European Ocean Pact.

Vision 2040 for fisheries and aquaculture

Press release

Factsheet



Marine fish farm, Greece
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Vision 2040

Supply
Sustainable production from fisheries and aquaculture, with healthy stocks, innovation, climate resilience and adaptation.

Demand
Stronger markets for sustainable EU aquatic food through consumer awareness, value creation, and diversification.

Right conditions
Enabling rules, investment, access to space, knowledge, skills and fair conditions for the sector's transition.

Objectives

- Restore and protect marine ecosystems
- Guarantee sustainable fish and aquatic food production
- Strengthen the competitiveness and innovation capacity of the sector
- Improve livelihoods and generational renewal in coastal and rural communities
- Build resilient and transparent aquatic food value chains
- Accelerate the energy transition in the fisheries and aquaculture sectors
- Promote strong ocean governance and international leadership

European Commission

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Food Safety

Home | Food Safety | Animals | Plants | Horizontal topics

Home > Horizontal topics > Simplification of legislation

Simplification of legislation

The European Commission is simplifying and streamlining EU laws across all policies, including in the areas of food and feed safety, animals and plants. This is part of its broader strategy to make EU regulations more efficient, while maintaining high safety and welfare standards.

Food and Feed Safety Simplification Package – December 2025

The Simplification Package was proposed by the Commission to streamline and simplify food and feed legislation in specific areas. It focuses on reducing unnecessary administrative costs and burdens for agri-food producers and operators and national authorities.

Among the key measures proposed are:

- faster procedures for to give bio-control products market access
- more targeted and efficient renewal procedures for pesticides and biocides
- more targeted and efficient renewal procedures for feed additive authorisations
- digital labelling options for feed additives
- streamlined measures for fermentation products produced using GMMs.
- stronger import rules for pesticide residues, to ensure a level playing field
- simplified accreditation rules for official laboratories
- a more pragmatic approach to border controls for plant products
- adapted bovine spongiform encephalopathy (BSE) surveillance and risk mitigation requirements.

European Council
Council of the European Union

Home > Press > Press releases

Council of the EU | Press release | 29 September 2026 16:02

MFF 2028-2034: Council agrees negotiating position on future EU support for the fisheries sector

The Council today reached a **partial negotiating position** on a regulation setting out the conditions for the EU's support for the **common fisheries policy (CFP), the EU's maritime and aquaculture policies, and the European ocean pact for the 2028-2034 period**.

The agreement sets out the Council's position on the future framework for EU financial support to those policies and complements the provisions of the **national and regional partnership plans (NRPP) regulation**.

Financial and horizontal issues will be taken up in the context of overarching legislative proposals when finalising the negotiating position. These are currently being discussed as part of the negotiations on the overall multiannual financial framework (MFF) covering the period 2028 to 2034.



> Today's agreement gives us a solid basis for shaping the future of EU support to our fisheries sector. We need to give our fishermen and women the tools to modernise and adapt to the challenges ahead, including the energy transition. We need to do so while ensuring that public funding contributes

Which of the following government actions would be most effective for increasing your consumption of sustainable freshwater aquaculture products?

- ✓ Higher taxes on less sustainable food products
- ✓ Market bans on less sustainable food products
- ✓ Subsidies that reduce the price of more sustainable foods
- ✓ Lower taxes on more sustainable food and its production
- ✓ Better information and guidance including on-package labelling
- ✓ Short-term campaigns to incentivise the availability of more sustainable products
- ✓ Incentivising rewards (e.g. within retail loyalty schemes) on sustainable products

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Thank you for your attention

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