

Fostering Knowledge Based Innovation

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Animal Task Force

(Wageningen University)



What is ATF?

- **A European Public-Private Platform (PPP):** research, farmers' & industry organizations
- Promoting a sustainable and competitive animal production sector in Europe;
- **By fostering knowledge development and innovation in Europe;**
- Covering the whole animal production chain.

Since 2011



A European Public-Private Platform

Industry representative organisations



Knowledge providers



Partners



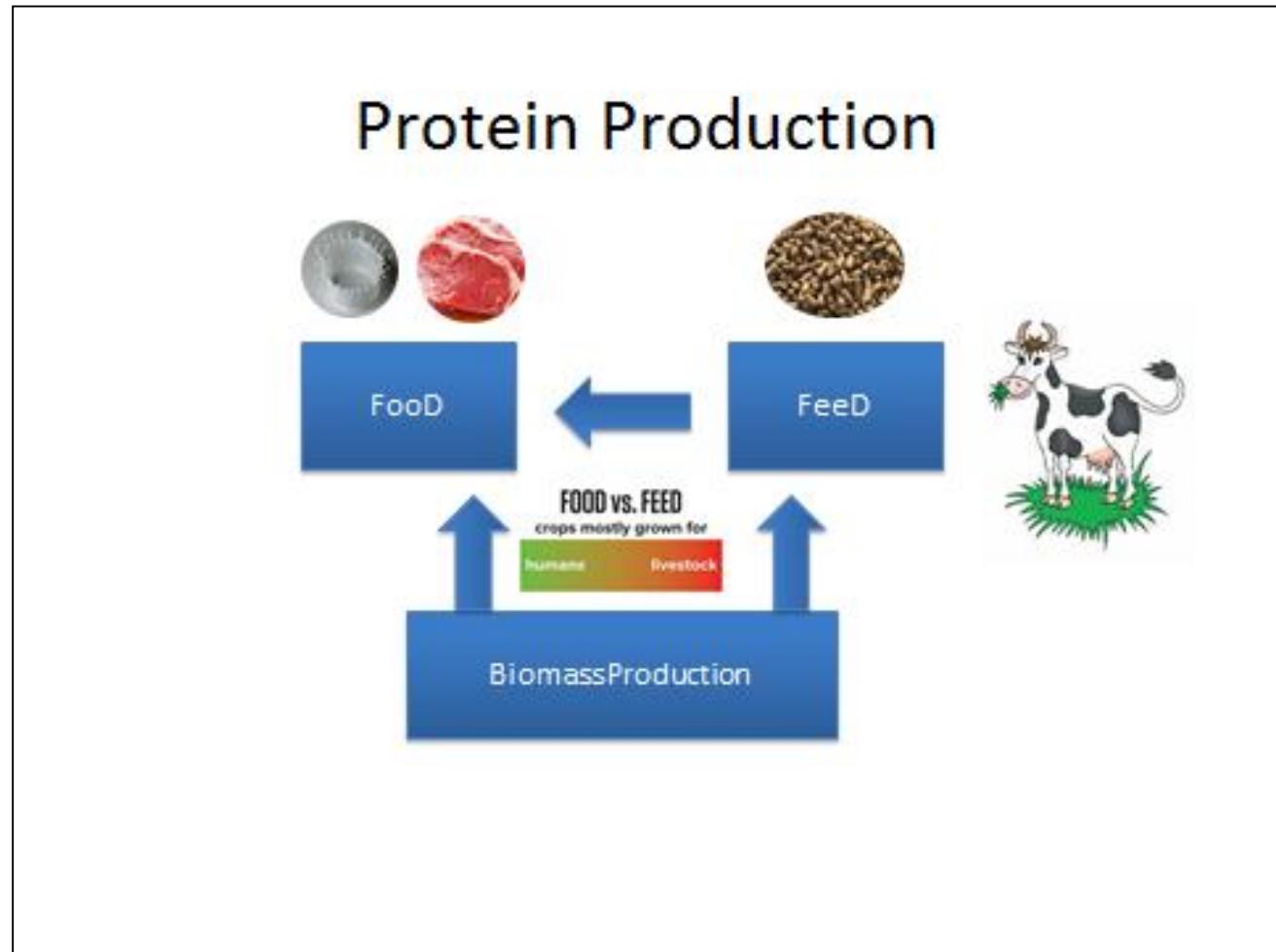
Rationale for ATF

- **Livestock production is vitally important for Europe's future** (€130 billion to the EU economy - 35% of the agricultural sector, employment for nearly 30 million people).
- **In a world with more people, can afford to consume more animal based proteins** (in 2050 more than 9 billion people will consume 2 times more meat, dairy and eggs).
- **With grand societal challenges regarding environmental footprint, animal welfare and ecosystem services**
- **Requiring new integrated approaches for optimal use of produced biomass in a circular biobased economy**



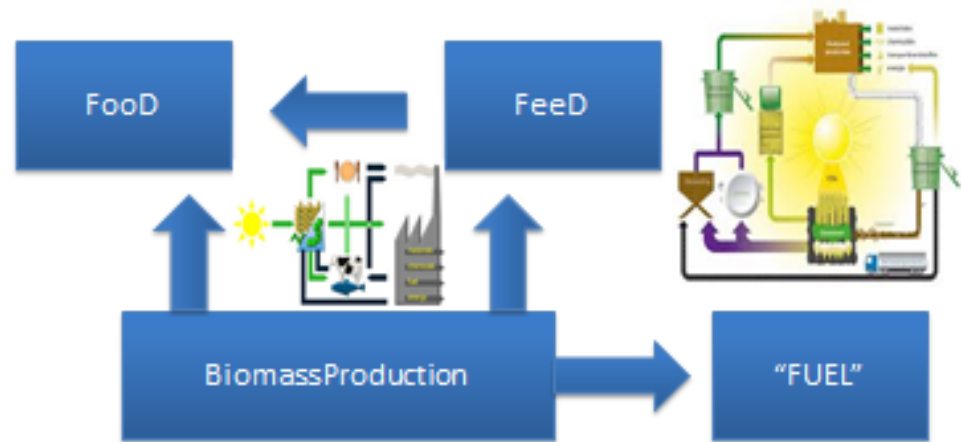
> *Innovations in the whole production chain are essential.*

Livestock in the AgroFood Economy

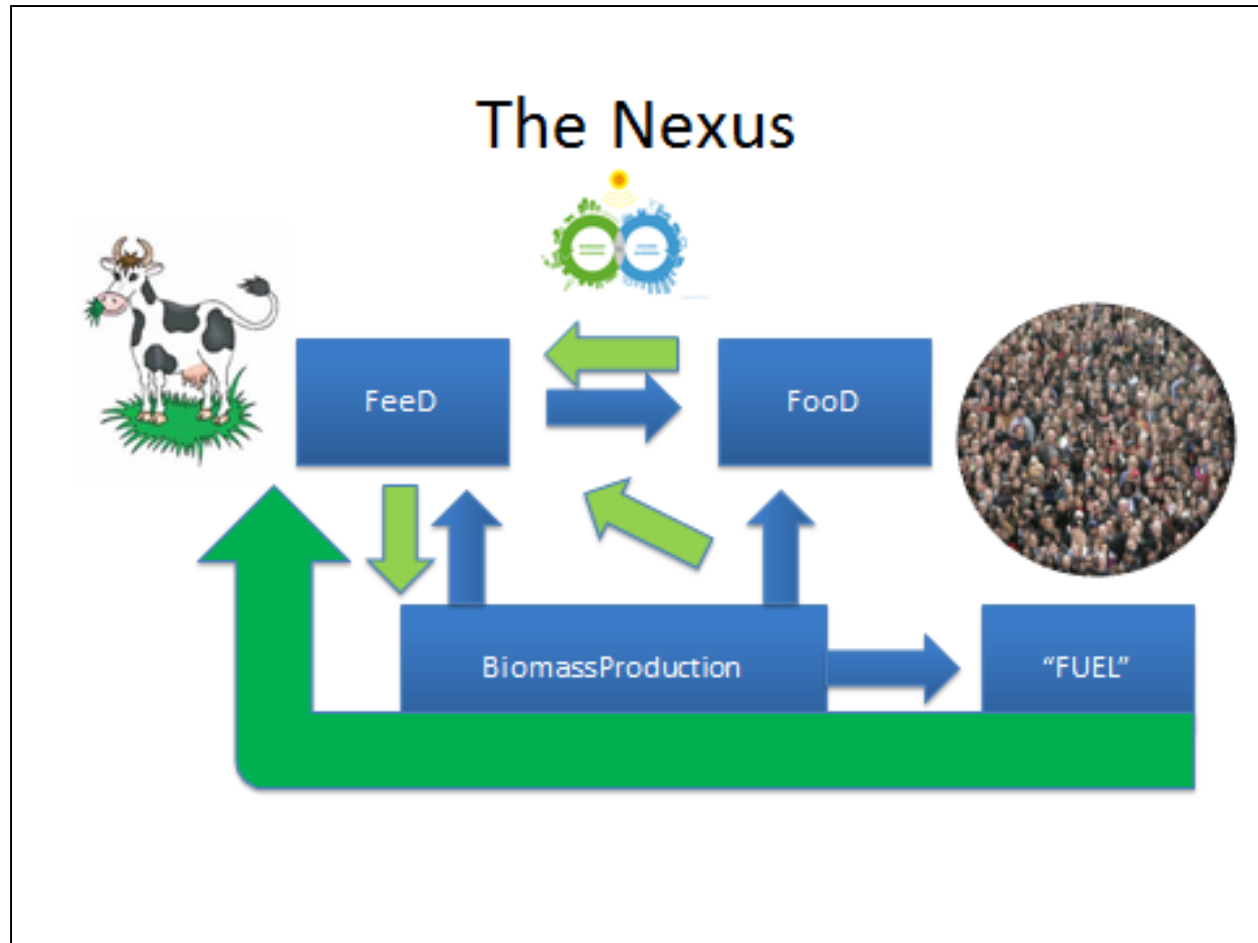


Livestock in the Biobased Economy

Biomass Competition



Livestock in a Circular Economy



“Meat busters” needed



- Summing up LCA's single products in a Linear Model
- Do not account for integration in a Global Agro-Ecosystem
- Ignores the variation in Feed for Food Footprint
- Do not envisage optimal land use for human edible protein production



Actions by ATF



Arrange dialogue on sector innovation with key stakeholders in Europe
(EC, Members of Parliament, industry organisations, NGOs, scientific community)



Provide input for EU research agenda
(Horizon2020, EIP-Agri, JPI FACCE, SCAR)



Enhance cooperation in European research & innovation



Enable knowledge exchange
(workshops, events, website)



White paper



Brochure

White Paper 2013





Societal Challenges Livestock Production

- Resource Efficiency



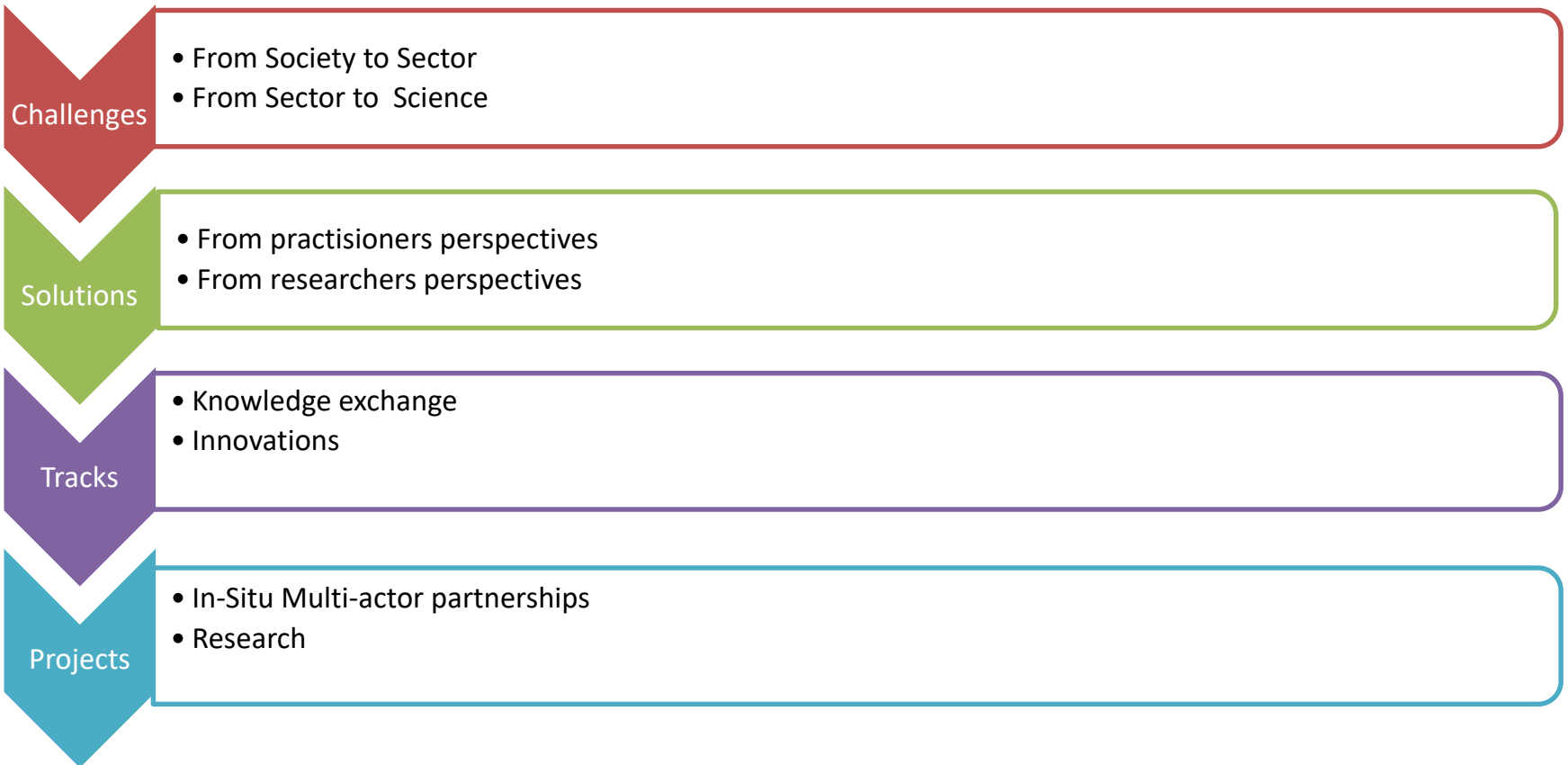
- Healthy livestock and People



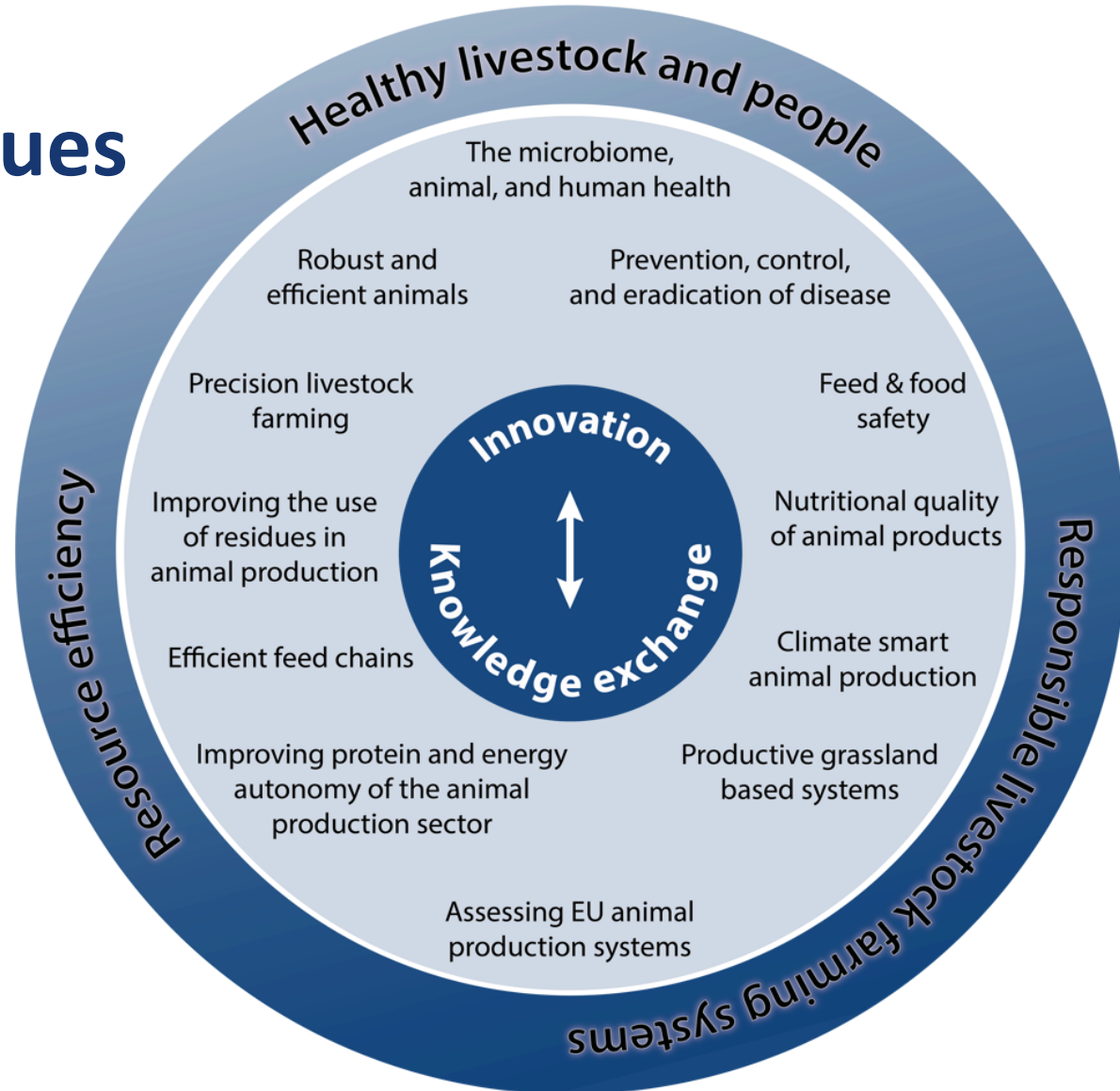
- Responsible Livestock Production



The Roadmap



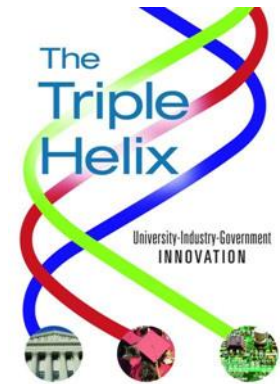
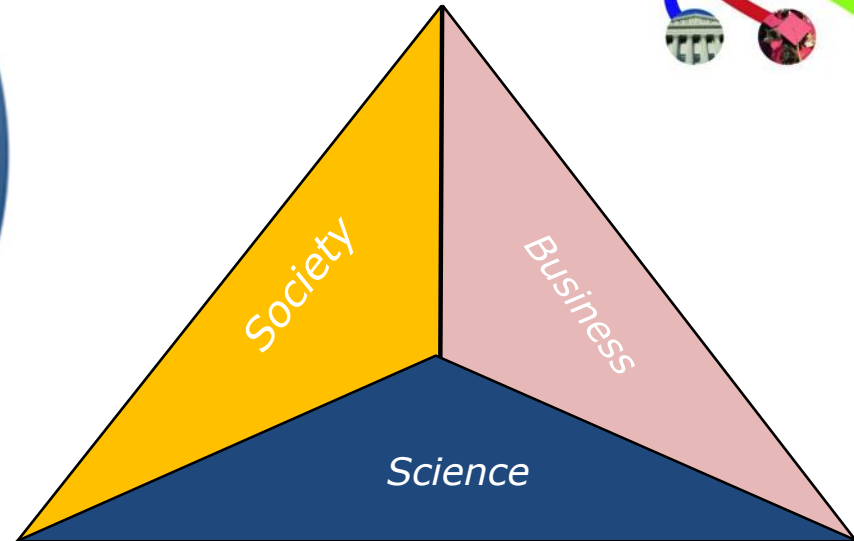
Priority Issues



Priority Topics



Innovation Partnerships



2014 Theme: Towards innovations in animal production



2nd ATF session at EAAP meeting
“How farmer use research to innovate?”



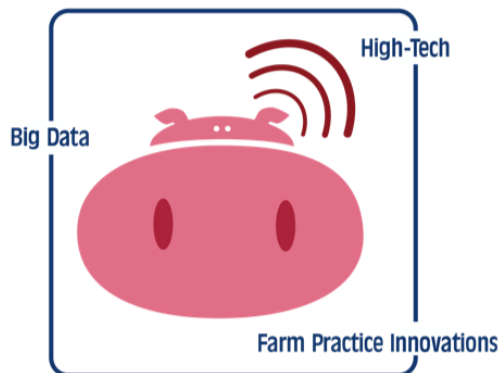
Special ATF session
in UK 2015



4th Animal Task Force Seminar :
“Innovating for a productive and sustainable livestock sector”

2015 Theme: Precision Livestock Farming in Practice

How to implement
Precision Livestock Farming?



3rd ATF session during EAAP meeting
“How to implement LPF ?”



5th Animal Task Force Seminar :

Scientific Support to Innovation



- Implementation of best practices



- Improvement of farm management/chain governance

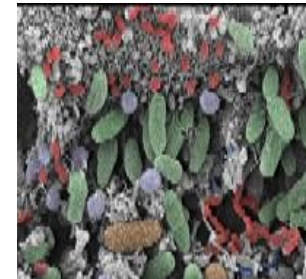


- Breakthrough of innovations

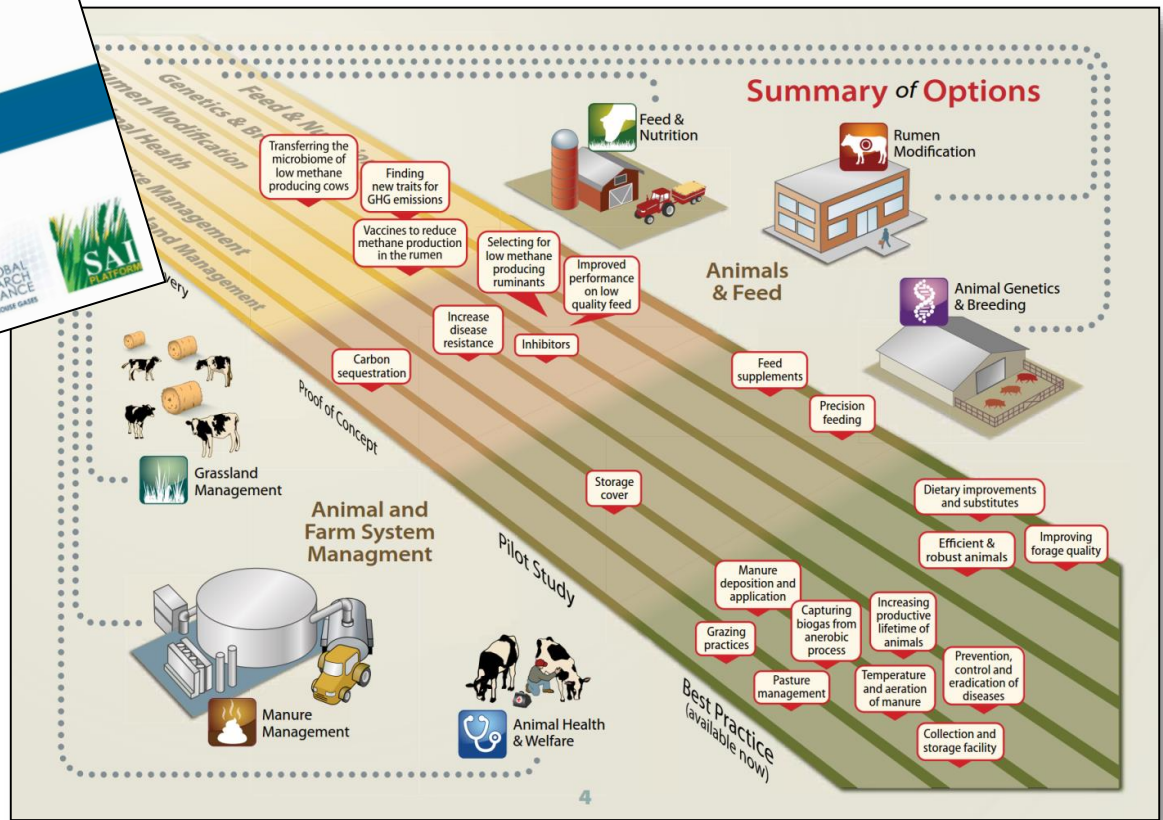




Manure management



Compendium van GHG mitigation options



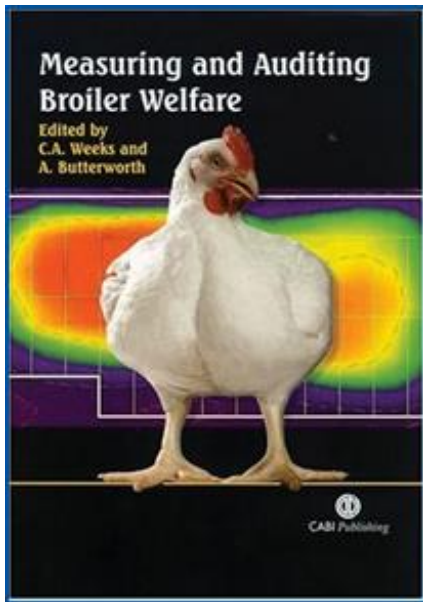
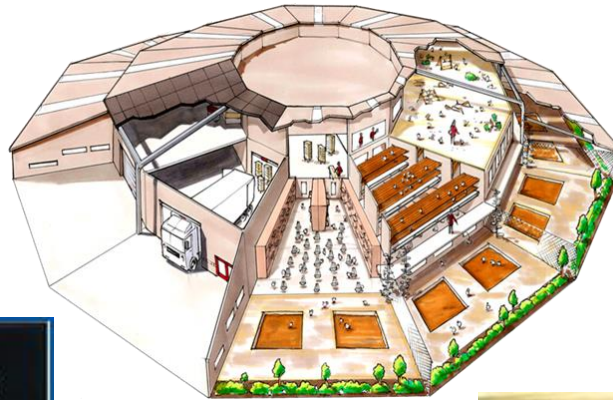


**Mitigation Perspective:
40+% methane reduction**



- Genotyping low methane production for selection
- Improving feed quality and digestibility, rumen microbes
- Improving animal health and husbandry conditions
- Manure management: collection, storage and utilisation
- Improving C sequestration soils
- Precision Livestock Farming

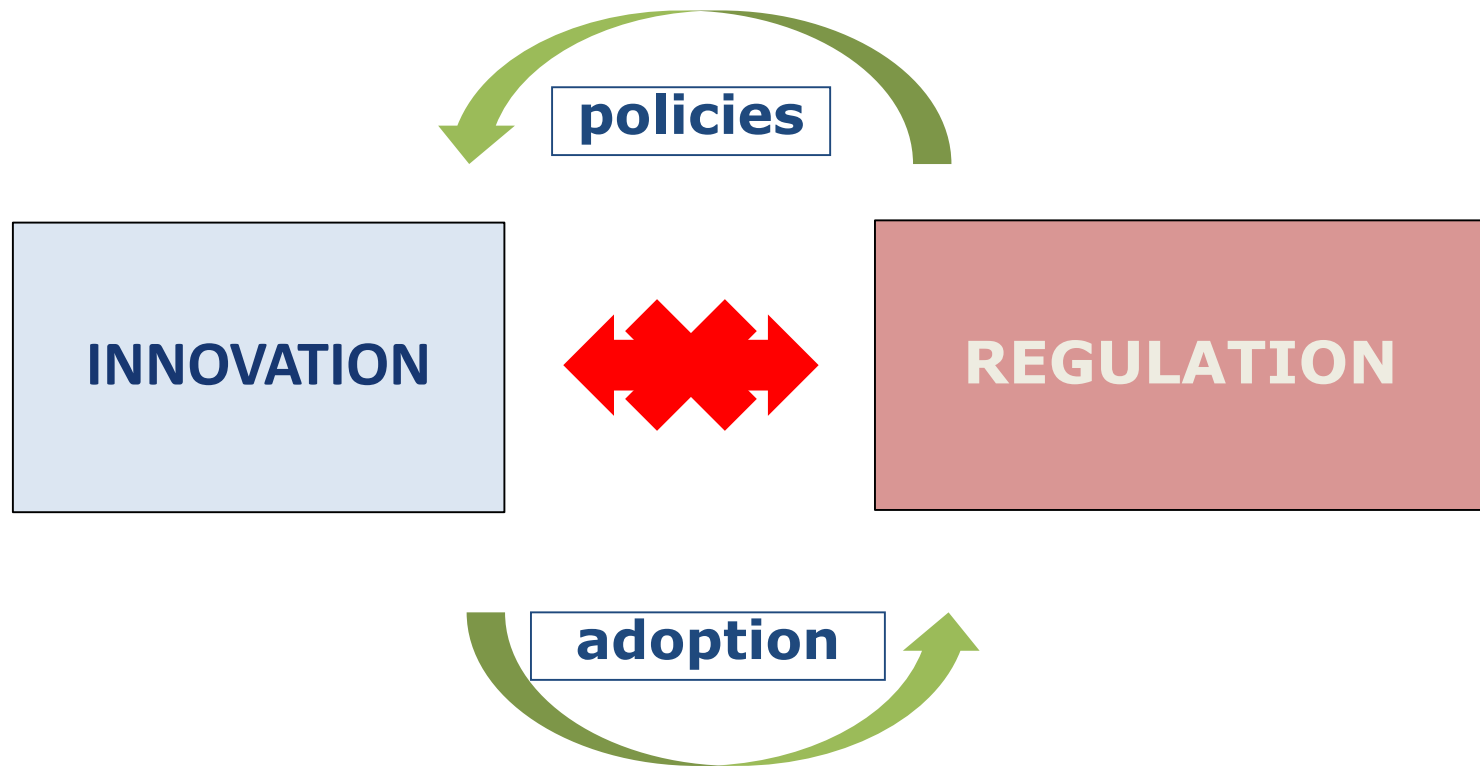
Co-Innovations in Poultry Farming



Open innovation in Dairy Farming



Innovation vs Regulation



www.animaltaskforce.eu



The screenshot shows the ATF website homepage. At the top right is a 'Login' button. The main header features the ATF logo and the text 'animal task force' and 'A European Public-Private Platform'. Below this is a navigation bar with links for 'Our work', 'Our organisation', 'News and events', and 'Contact'. The main content area includes a large blue map of Europe with a small inset of the EU flag. To the left of the map is a text block about promoting a sustainable and competitive livestock sector. To the right is a 'White paper' section titled 'Research and Innovation action plan'. Below the map is a 'News Headlines' section with a link to 'Connecting international research networks'. At the bottom right is an 'Animal Task Force seminar!' section with a link to 'Putting the i in livestock'.

atf animal task force

A European Public-Private Platform

Promoting a sustainable livestock sector in Europe

We believe in integrated approaches across the value chain. Want to know more?

Our work - Our organisation - News and events - Contact

Home

We promote a sustainable and competitive livestock sector in Europe. We are a leading body of expertise, representing key stakeholders from industry and research from across Europe. > read more

atf Promoting a sustainable and competitive animal production sector in Europe

atf brochure

Report and presentations of our Special Session are now online!

Innovative farmers How farmers use research to innovate and improve productivity

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White paper Research and Innovation action plan

News Headlines

Connecting international research networks: ATF and the Global Agenda for Sustainable Livestock Connecting international research networks is important to ensure a sustainable and climate resilient livestock production. The Animal Task Force has a role to play by connecting European research to global challenges. read more...

Animal Task Force seminar!

Putting the i in livestock

Thanks!



@AnimalTaskFrc



info@animaltaskforce.eu