

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



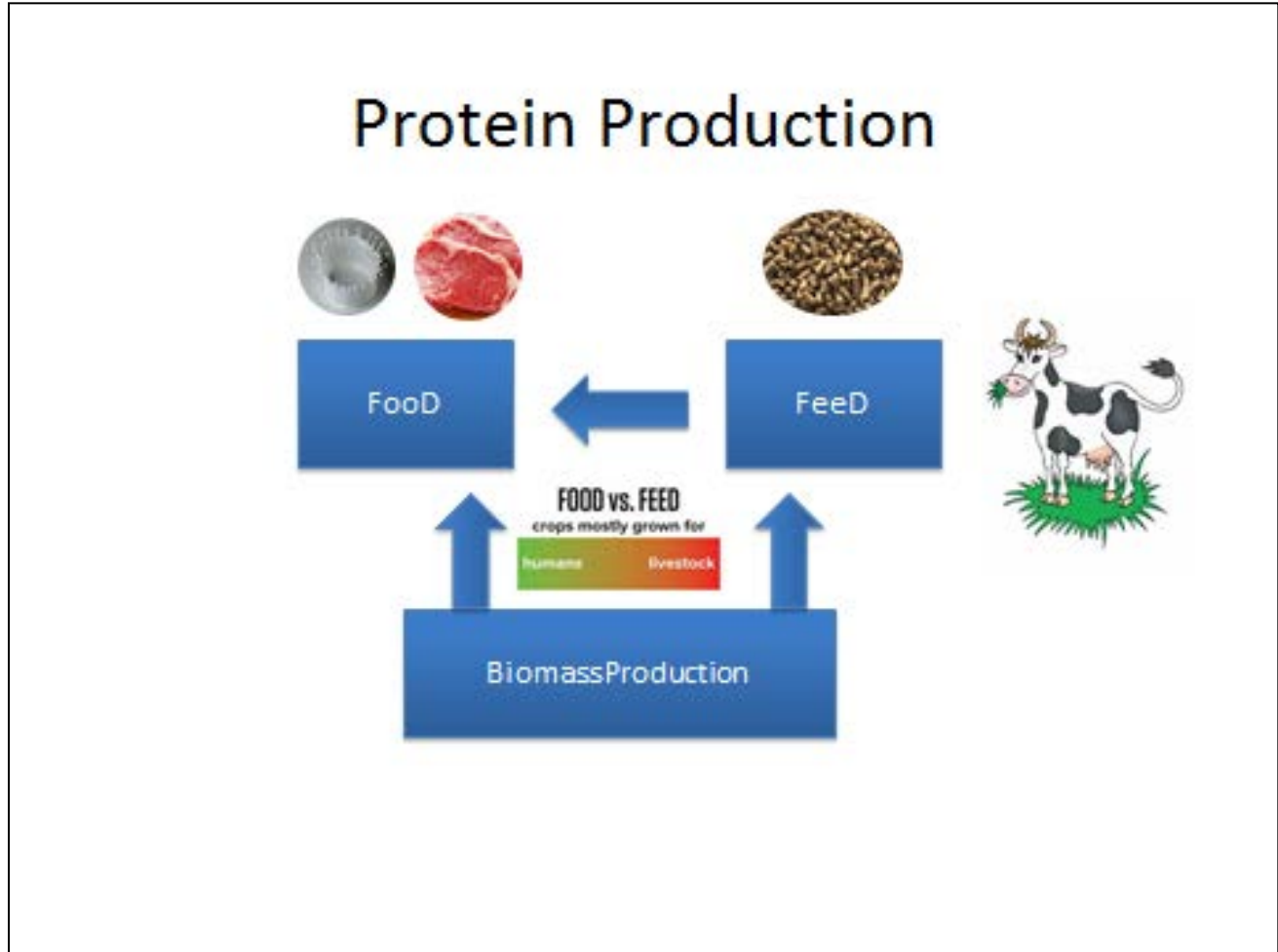
Rationale for ATF



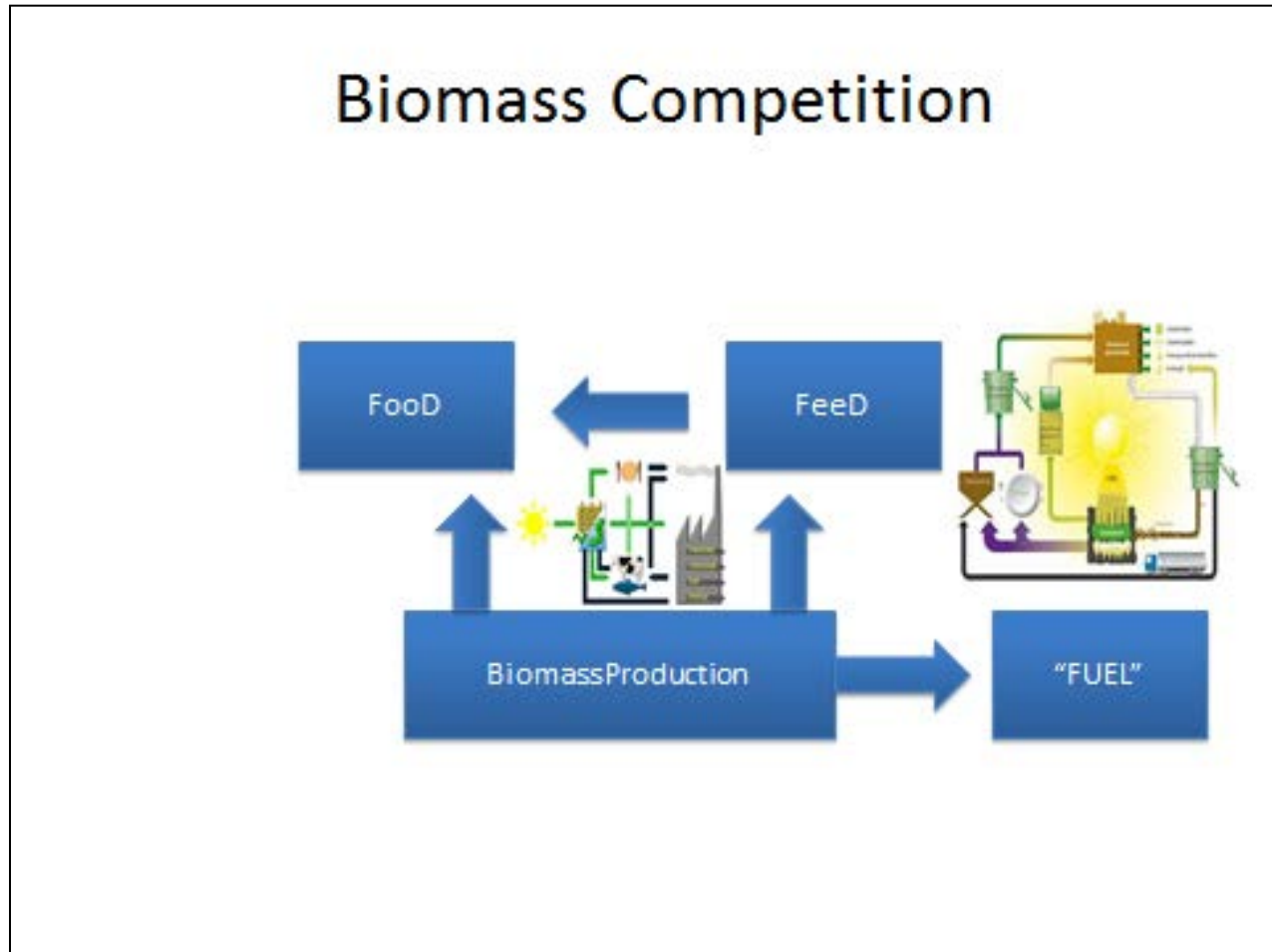
- **Livestock production is vitally important for Europe's future** (€130 billion to the EU economy - 35% of the agricultural sector, employment for nearly 30 million people).
- **In a world with more people, can afford to consume more animal based proteins** (in 2050 more than 9 billion people will 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.*

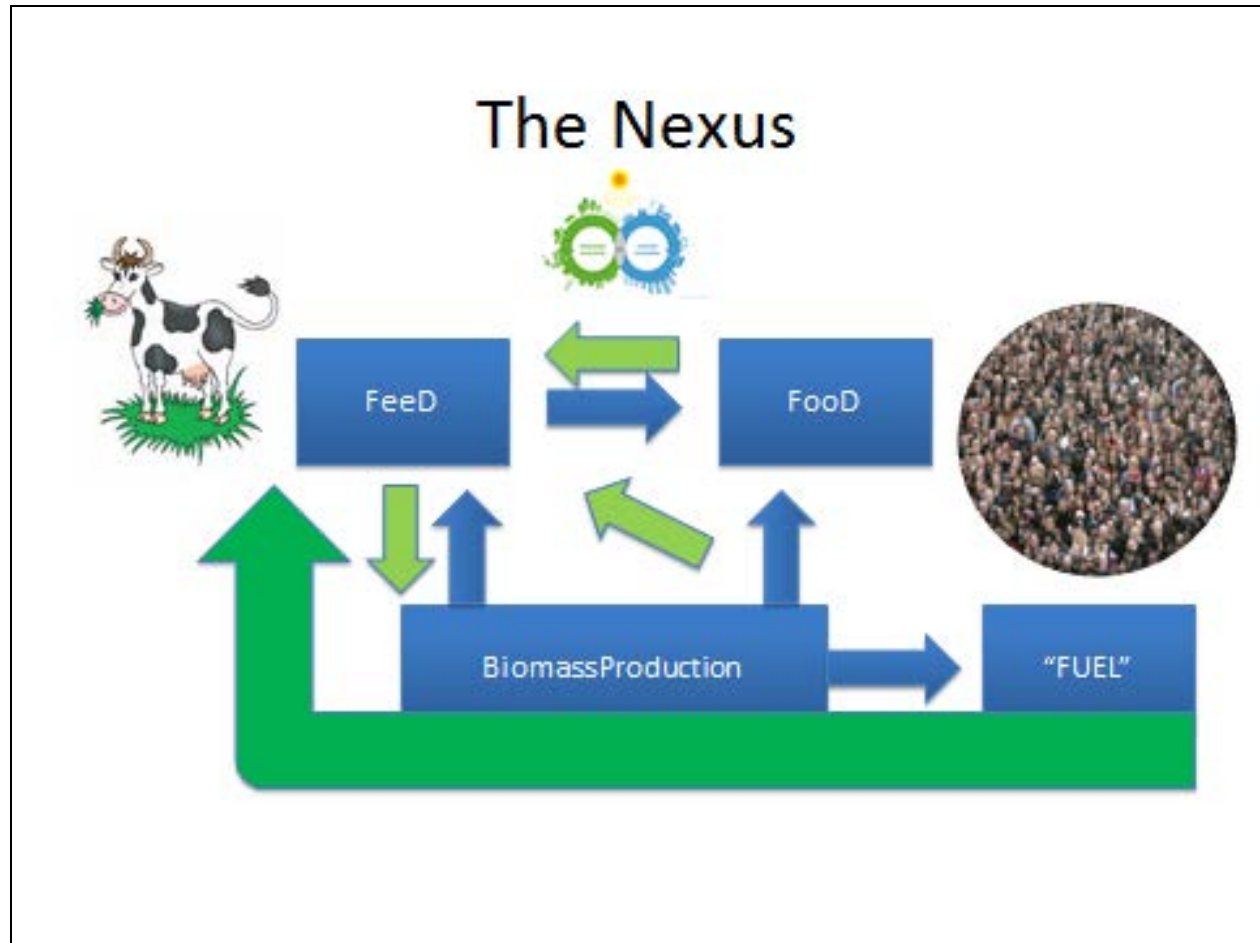
Livestock in the AgroFood Economy



Livestock in the Biobased Economy



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



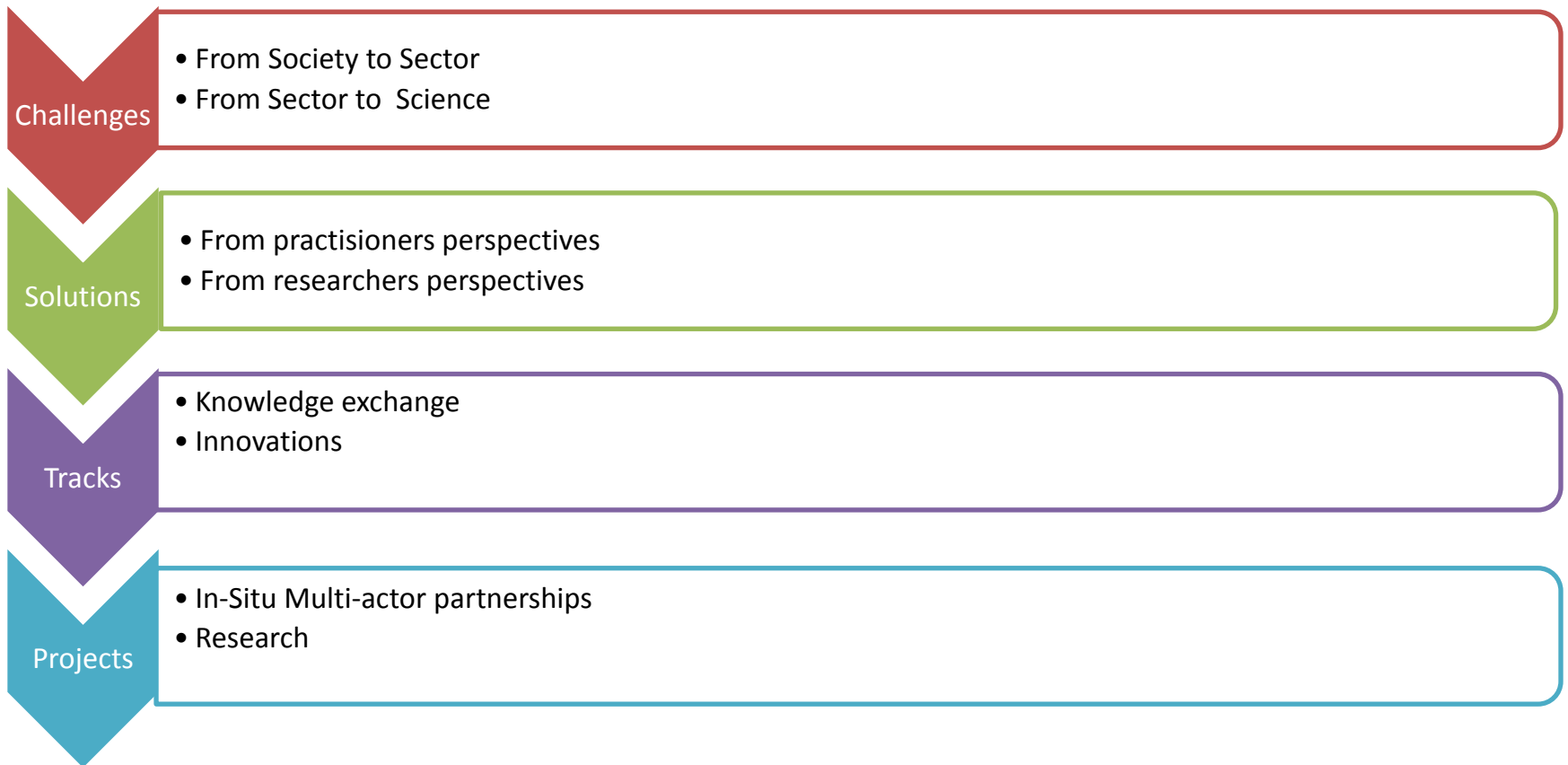
- Healthy livestock and People



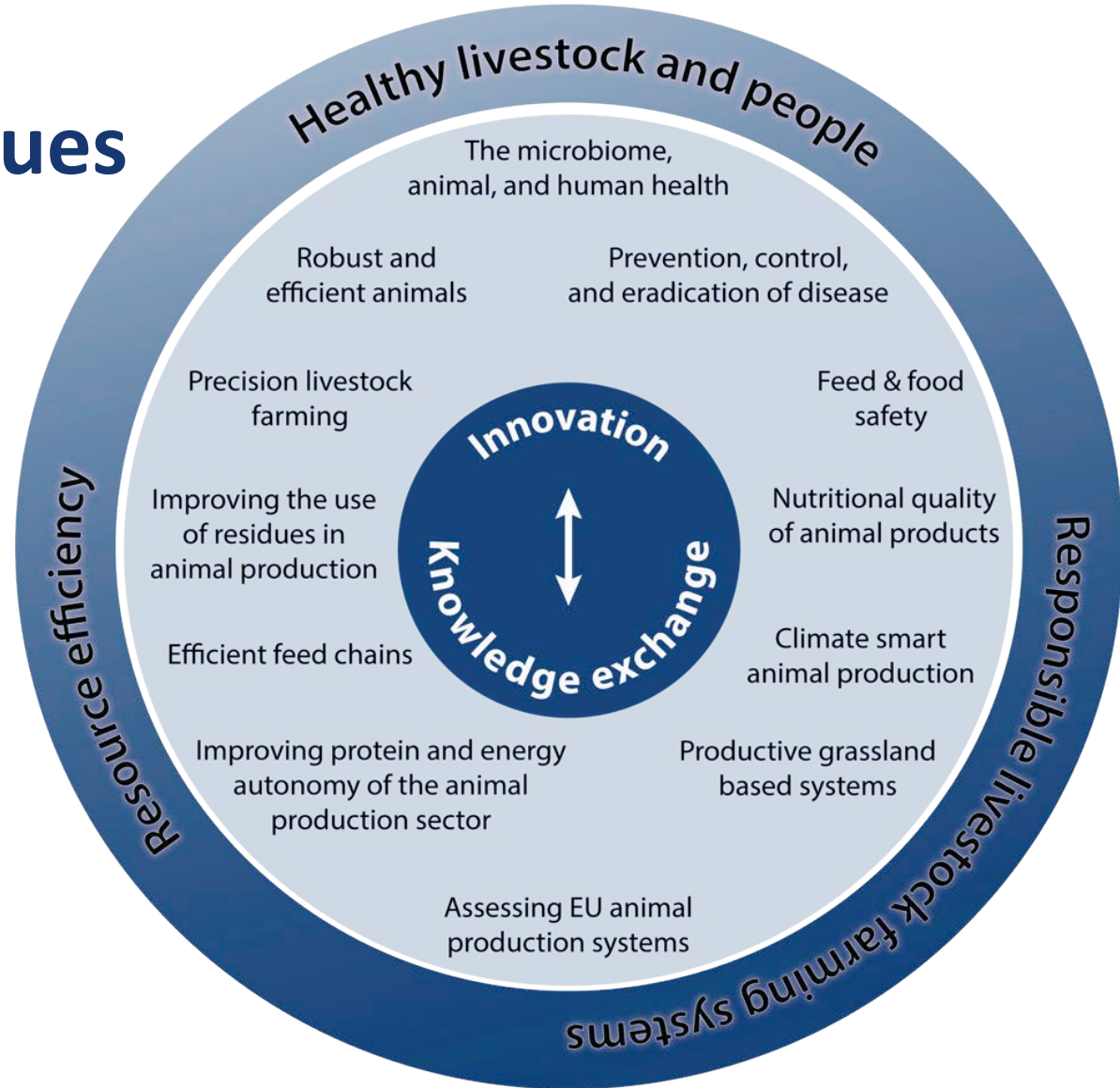
- Responsible Livestock Production



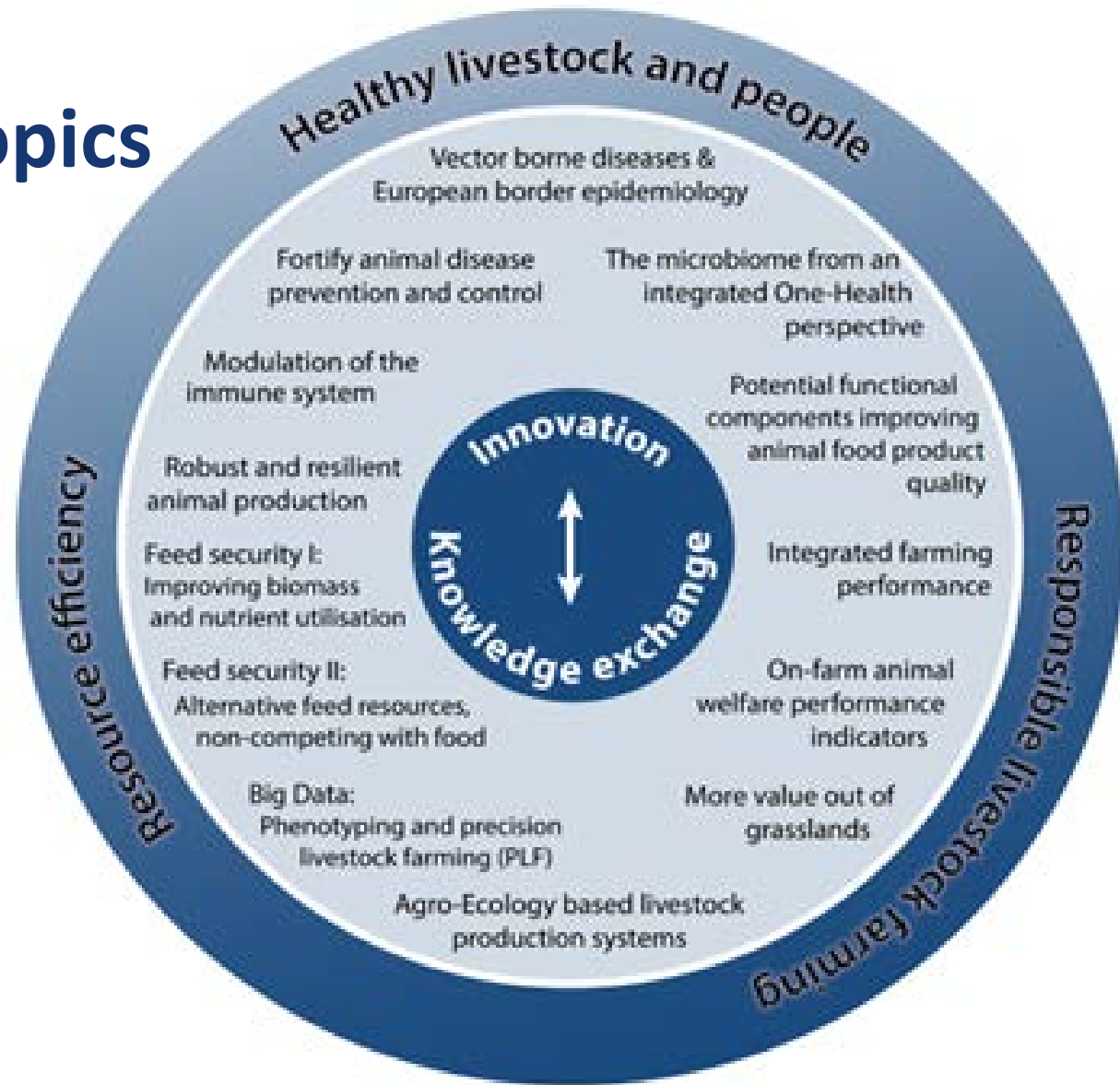
The Roadmap



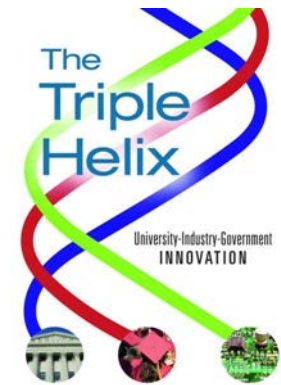
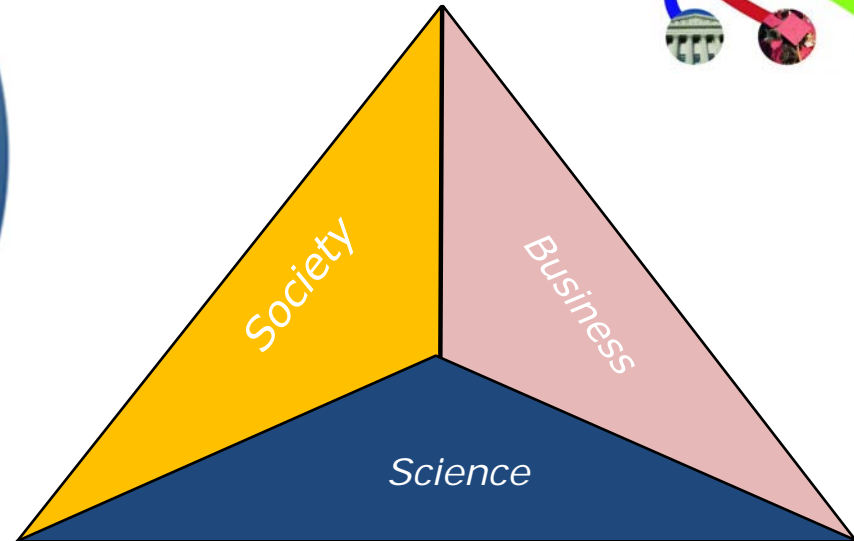
Priority Issues



Priority Topics



Innovation Partnerships



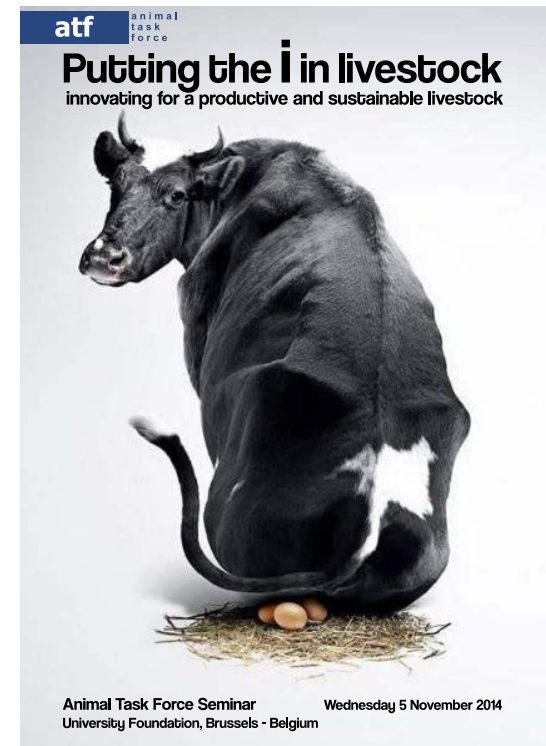
2014 Theme: Towards innovations in animal production



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

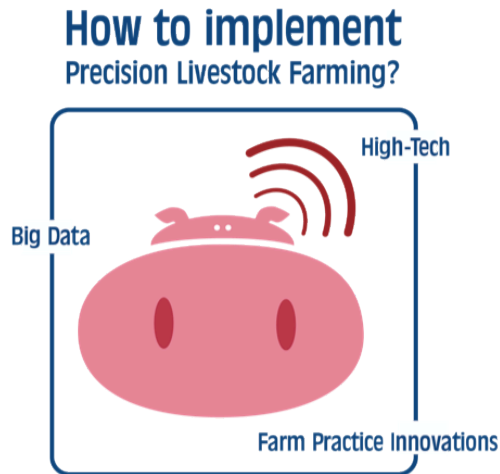


Special ATF session
in UK 2015



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

2015 Theme: Precision Livestock Farming in Practice



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**

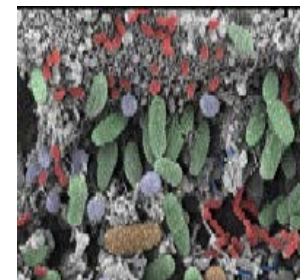


- **Breakthrough of innovations**

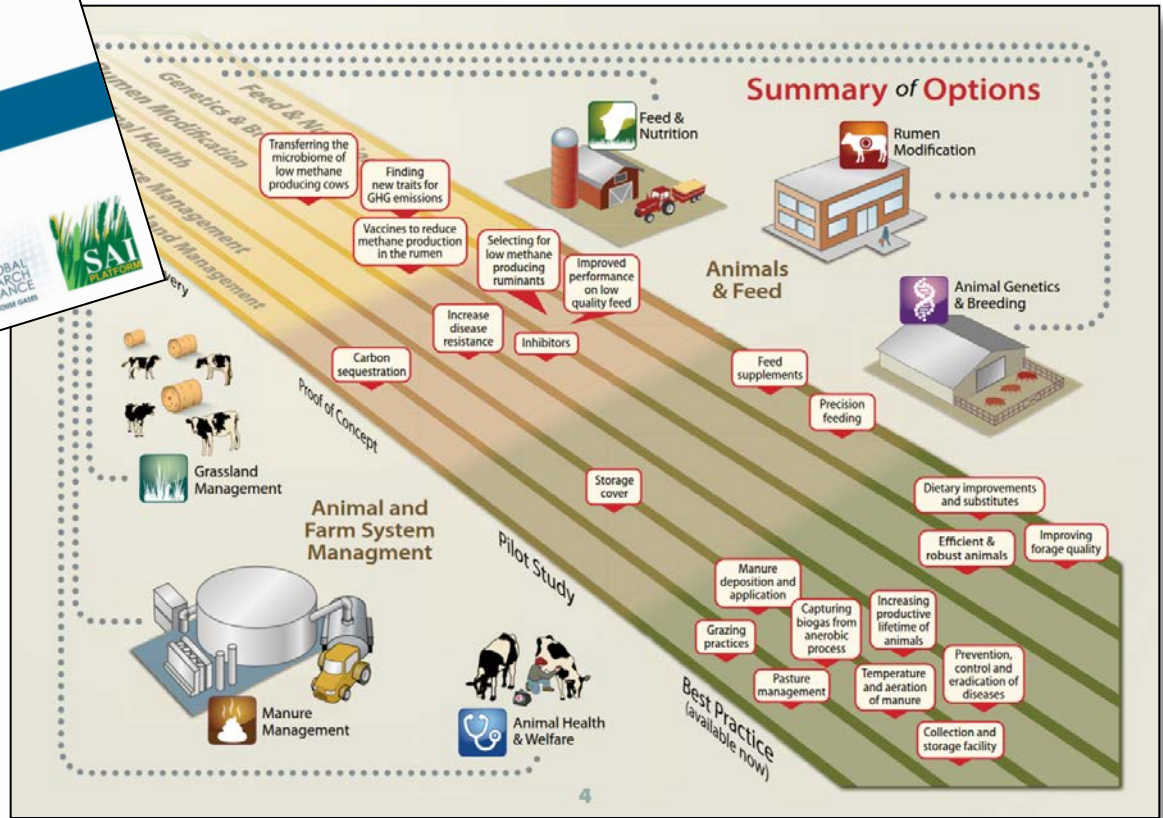




Manure management



Compendium van GHG mitigation options



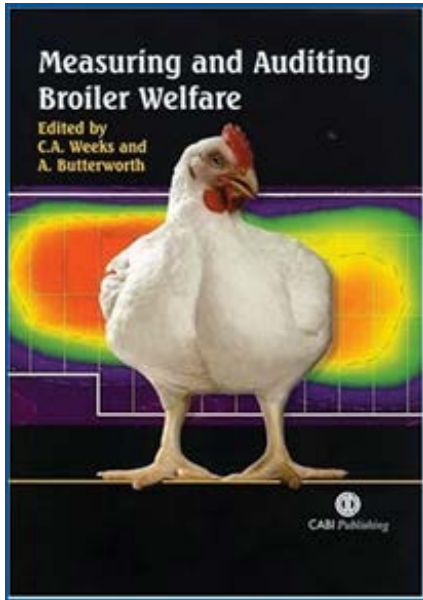
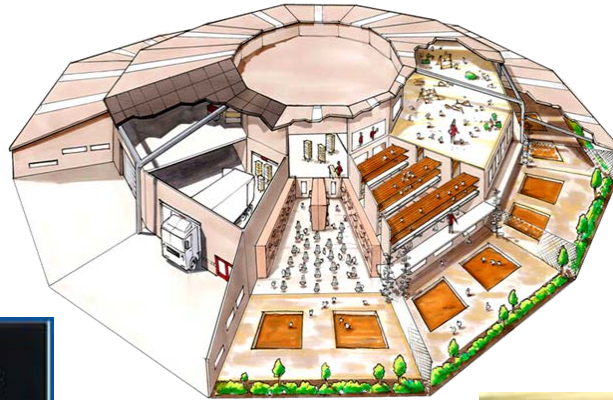


**Mitigation Perspective:
40+% methane reduction**



- 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





**animal
task
force**

A European Public-Private Platform

www.animaltaskforce.eu

The screenshot shows the homepage of the Animal Task Force website. At the top right is a 'Login' button. The main header features the 'atf animal task force' logo and the tagline 'A European Public-Private Platform Promoting a sustainable livestock sector in Europe'. Below this is a navigation menu with 'Our work', 'Our organisation', 'News and events', and 'Contact'. The main content area includes a 'Home' link, a text block about promoting a sustainable and competitive livestock sector, a 'White paper' section on 'Research and Innovation action plan', a 'News Headlines' section with a link to 'Connecting international research networks', and a 'Report and presentations of our Special Session are now online!' section. A large map of Europe is displayed, with a text box stating: 'Our members represent 13 different EU Member States and several industry organisations. Click on this map to see which Member States are involved. For a list and more info on our members, click here.' There are also several thumbnail images for brochures and seminars.

Thanks!



@AnimalTaskFrc



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