

### **Animal Task Force**

Fostering knowledge based innovation for a sustainable and competitive livestock sector in Europe







### The Animal Task Force (since 2011)

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













ON AGRICULTURAL GREENHOUSE GASES



### A European Public-Private **Platform**

#### Industry & farmers representative organisations











#### **Knowledge providers**



#### **Partners**











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# ATF Presidency & Secretariat (starting Nov.2020)

- Frank O'Mara President
   Director of Research TEAGASC
- Prof. Mia Eeckhout, research organisations
   Head of the research unit Cereal and Animal Feed Technology,
   Department of Food Technology, Food Safety and Health, Faculty of Bio-science engineering Ghent University
- Prof. Ana Sofia Santos, research organisations
   Science Director at FeedInov CoLab, Professor at University of Trás-os-Montes and Alto Douro (UTAD), chair of the Portuguese Association of Animal Sciences (APEZ)
- Ana Granados-Chapatte, industry organisations
   General Secretary FABRE-TP
- Florence Macherez Secretary General
- Susana De Magalhaes Assistant to Secretary General















### Why we promote a sustainable livestock sector?



• 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.



### **Our strategy**

- Picture a future for a sustainable, competitive & diverse livestock production sector in EU through innovation & knowledge transfer
- Bring together the EU livestock sector to enable our members create and share a common view
- Understand the issues (and up-coming issues=weak signals) faced by the livestock sector
- Work for the benefit of the livestock sector to find science-based solutions to the major challenge of global food security in the context of a limitation of global warming and resource use
- Promote dialogue between policymakers, knowledge providers, industry & civil society, as a representative of the EU livestock sector
- Act as a source of expertise for industry, policy makers, EU institutions
- Promote the livestock sector in EU initiatives





### **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&HDHL, SCAR)



Enhance cooperation in European research & innovation



Enable knowledge exchange (workshops, events, website)



Promoting a sustainable and competitive animal production sector in Europe



White paper

atf animal task force

A European Public-Private Platform

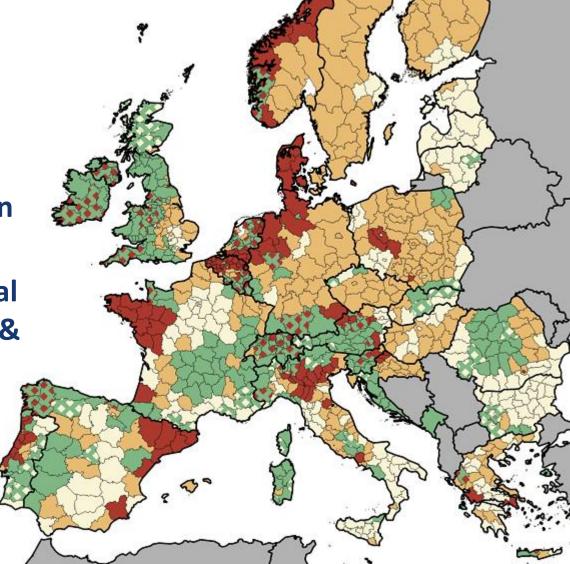
# Our Vision Livestock4All

We recognise all types of livestock farming systems in European countries

 Varying according to local economic, geographical & sociological contexts

 for which the solutions are different





haute densité animale peu herbager

herbager moyenne densité animale

herbager haute densité animale

herbager faible densité animale





### **Our Vision**

### Livestock4All

- Interdisciplinary research and innovation bringing together researchers with complementary expertise & actors of the agri-food chain and of the territories
- Fostering the sustainability of the wide diversity of European production systems to improve the resilience of our food systems (ie. intensive systems, low inputs systems, organic and agro-ecological systems...)
- Holistic agricultural approaches will link more closely livestock and plants to better use and protect the properties of agroecosystems and maximize the use of biomasses through recycling and cascading approaches





A European Public-Private Platform

### White Paper 2013









## Addendum 2014

Priority topics input H2020 2016/17



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## Efficient man. Efficient av. to n ATF 2nd White Paper Dec. 2016

atf

A strategic research and innovation agenda for a sustainable livestock sector in Europe

Suggested priorities for research for Horizon2020 2018-2020 Work Programme to enhance innovation and sustainability in the livestock production sector of Europe's food supply chains

Second White Paper of the Animal Task Force

December 2016

Efficient and safe management of manure and animal by-products

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Know

Sustainable Connactual Reness C Consumers' perceptions and expectations about livestock consumption of animal products

**Emissions mitigation** 

Competitiveness and adaptability of livestock

farming systems facing

global changes

agro-products as animal feed

The microbiome from an integrated one-health perspective

> Integrity of food of animal origin and the production system

Animal welfare supporting animal health and vice versa

Responsible use of antimicrobials

Cross
R&l ir
Prec Services provided by livestock

Cross-cutting issues:

- R&I infrastructures
- Precision Livestock farming
- Co/Open innovation















of the

B livestock sector





**ATF Vision Paper towards European** Research and Innovation for a sustainable and competitive livestock production sector

> A strategic research and innovation agenda for a sustainable livestock sector in Europe

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animal task



force Input to EU R&I agenda

### **Horizon Europe**

Internal Action plan / next R&I Framework Programme (FP9). Dec. 2017

Facts & figures - Why EU animal production is important today? Dec. 2017 -link

Position paper towards FP9. March 2018 -link

**Vision Paper – A framework for suggested priorities** for R&I within Horizon Europe. Feb. 2019 -link

Strategic Research and Innovation agenda -Suggested priorities for R&I within Horizon Europe". Early 2021









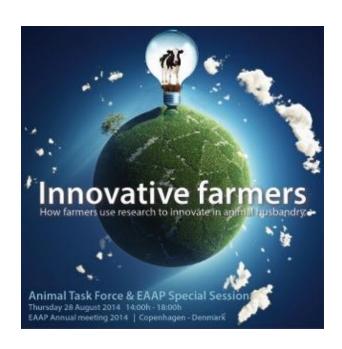
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## Year 2014 Towards innovations in animal production



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"



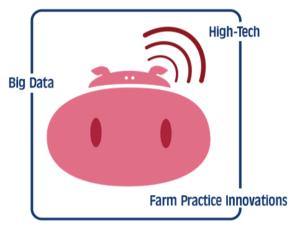


### **Year 2015** Precision Livestock Farming in Practice

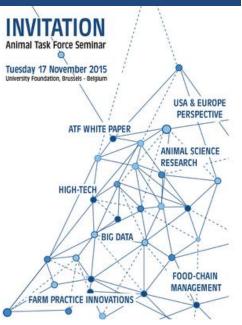
### 2 events: **T&T Food Chain Quality Management** How to implement Animal Task Force Seminar Farm Practice Innovations

**Precision Livestock Farming?** 

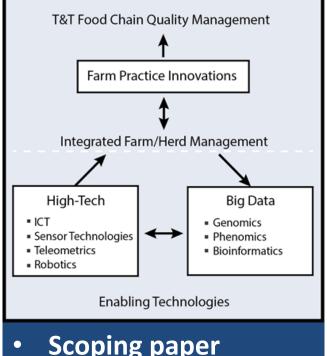
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3rd ATF-EAAP session 31 Aug. 2015



5th ATF Seminar 17 Nov 2015

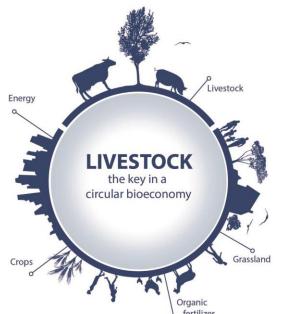


- **Scoping paper**
- **Blog on PLF**



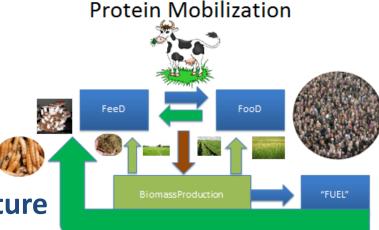


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Year 2016
Livestock, the key in a
European Circular
Bio-Economy

- Providing protein rich & safe food
- Regulating the ecological cycles
- Contributing to a more efficient agriculture
- Providing renewable energy
- ATF-EAAP Special session Aug. 28th, Belfast
- ATF Seminar 16th Nov, Brussels





### Dissemination of results



The EU-PLF consortium and the Animal Task Force are pleased to announce the final conference of the

### EU-PLF project - Bright Farm by Precision Livestock Farming

Brussels, 29th September 2016

#### **Programme:**

Results of the 4 year project

Presentation of the EU-PLF blueprint on how to implement PLF technology on farms

Testimonies of farmers

Date: 29th September 2016

Venue: Brussels

More information: www.eu-plf.eu and www.animaltaskforce.eu





### **Year 2017**

Food integrity: How can the animal production sector contribute?

- ATF-EAAP Special Session
   August. 28<sup>th</sup>, 2017
   Tallinn, Estonia
- ATF 7<sup>th</sup> Seminar
   October 26<sup>th</sup>, 2017
   Brussels, Belgium





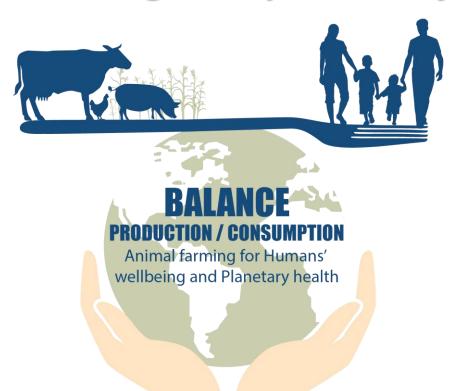


### **Year 2018**

Balance Production/Consumption: Animal farming for Humans' well-being and planetary

health

- ATF-EAAP Special Session August. 27<sup>th</sup>, 2018
   Dubrovnik, Croatia
- ATF 8<sup>th</sup> Seminar
   November 7<sup>th</sup>, 2018
   Brussels, Belgium







# Year 2019 Towards a climate smart European livestock farming

- ATF-EAAP Special Session
   August. 26<sup>th</sup>, 2019
   Ghent, Belgium
- ATF 9<sup>th</sup> Seminar
   November 6<sup>th</sup>, 2019
   Brussels, Belgium

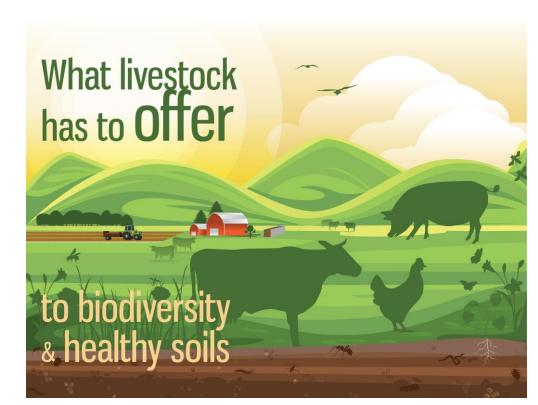






# Year 2020 What livestock has to offer to biodiversity and healthy soils

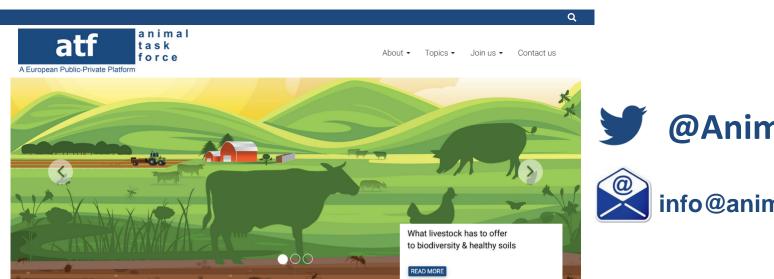
- ATF-EAAP Special Session
   Dec. 1<sup>st</sup>, 2020
   Remote meeting
- ATF 10<sup>th</sup> Seminar
   April 21<sup>st</sup>, 2021
   Brussels, Belgium







### For latest news and upcoming activities: www.animaltaskforce.eu







The Animal Task Force, for a sustainable and competitive livestock sector in Europe

The Animal Task Force is a European Public-Private Partnership of research organisations and farmer and industry organisations, working together on a sustainable and competitive European livestock production sector by fostering knowledge development and innovation in the whole animal production

READ MORE

