



DANISH CROWN

Committed to achieving mitigation targets

Animal Task Force-EAAP, Ghent 26 August 2019
Charlotte Thy, Sustainability Director



Our strong foundation



Home markets:
Denmark,
England,
Poland and
Sweden



7,000
Cooperative members

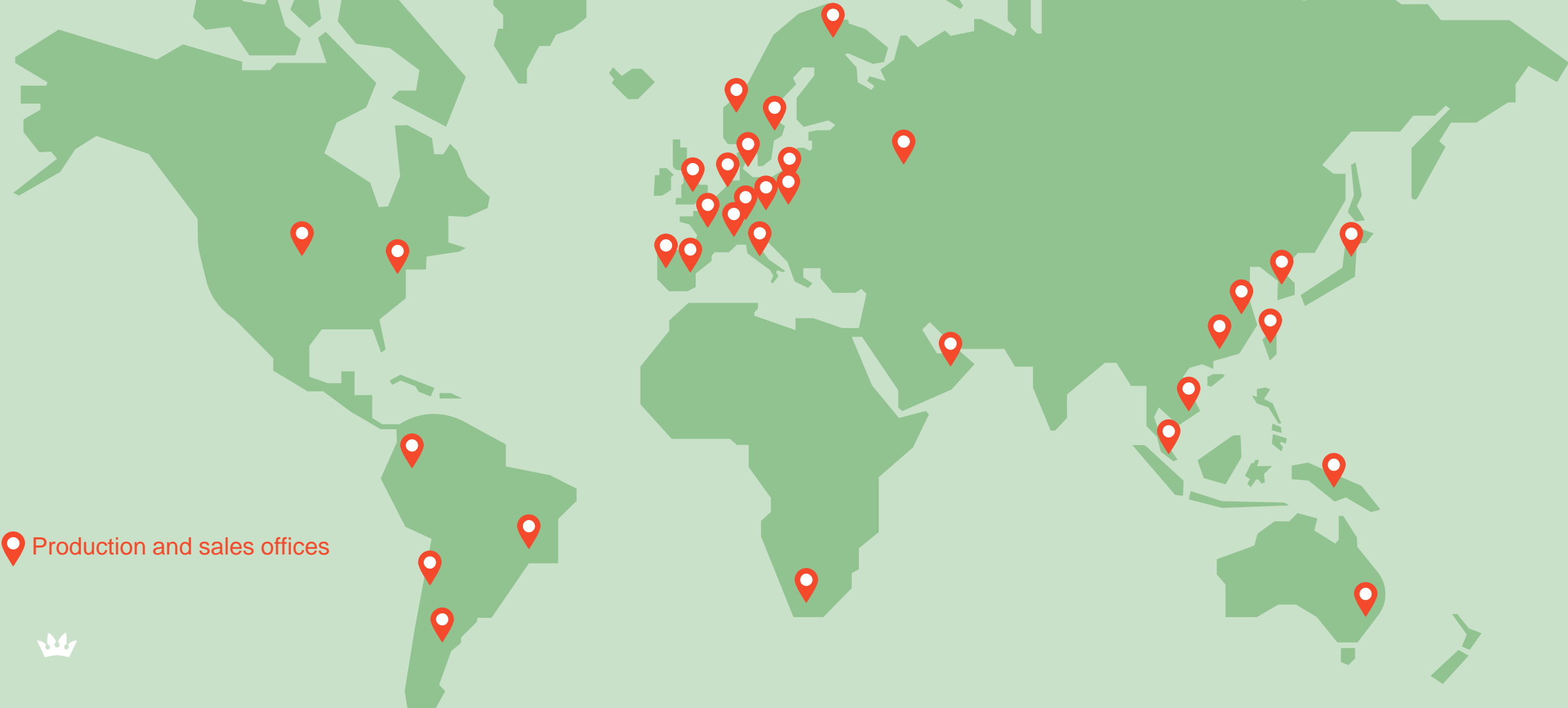


29,000
Employees



8.1 billion
Revenue in Euros

Danish Crown in the World



 Production and sales offices



SUSTAINABILITY

Challenges in a changing world





“

We have given ourselves
the challenge to supply
our customers globally
with sustainable meat by
2030

”

Jais Valeur, CEO Danish Crown



WE INCREASE OUR RESPONSIBILITY FROM FARM TO FORK

RAW MATERIALS AND ANIMAL FEED



ANIMAL TRANSPORTATION



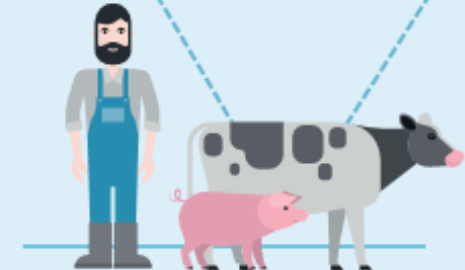
FOOD PRODUCTION



CUSTOMERS



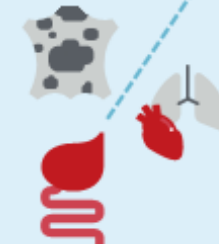
OUR VALUE CHAIN



FARMING AND LIVESTOCK



ABATTOIR



INGREDIENTS



CONSUMERS



OUR GOAL

By 2030 we will reduce our greenhouse gas emission by 50%

OUR VISION

By 2050 we envision our meat production to be climate neutral (net zero).



GHG emissions
from our pig
meat has
decreased
25,6 pct

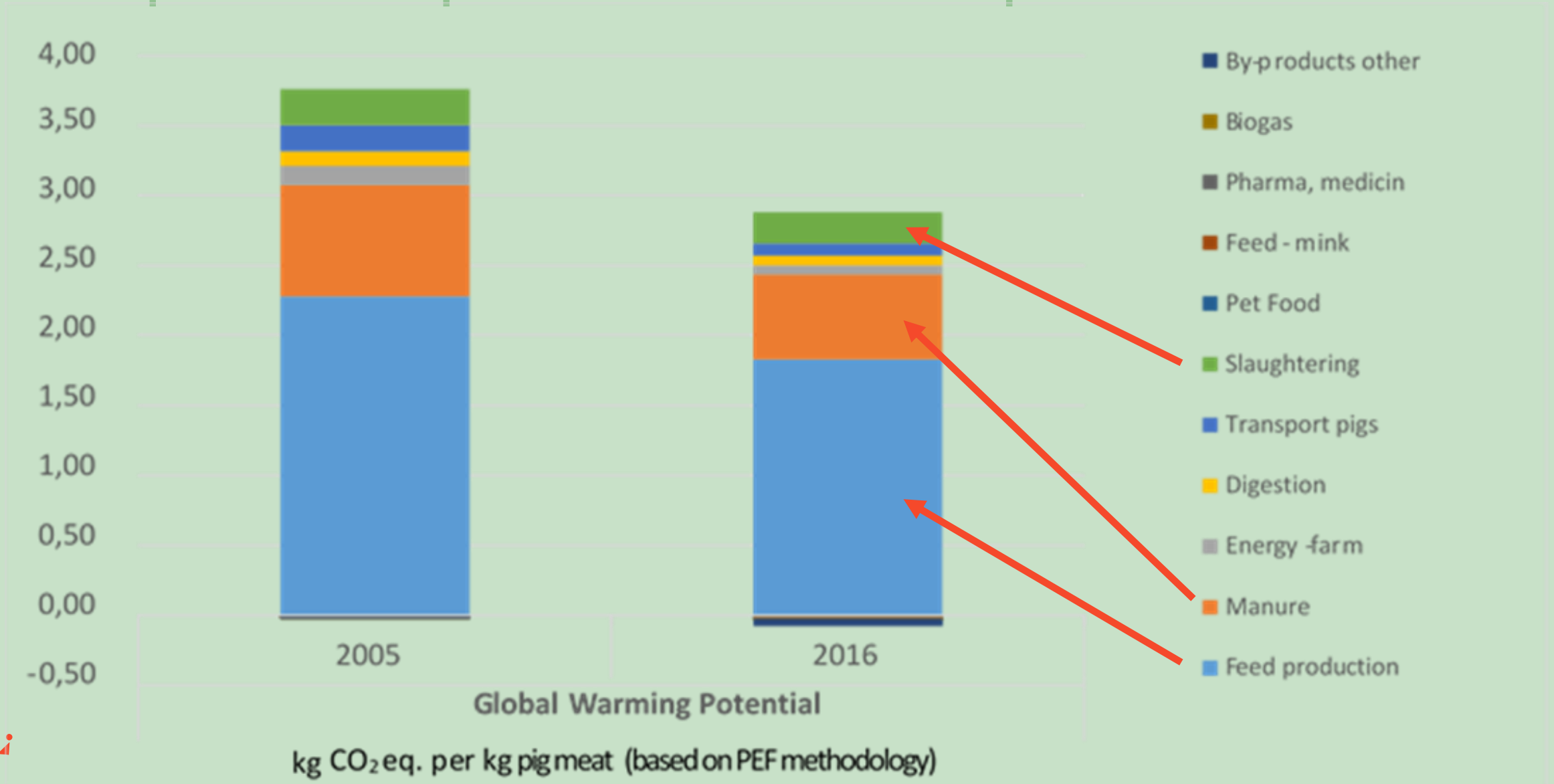
2005

3.79 kg CO_{2eq}
per kg pig meat

2016

2.82 kg CO_{2eq}
per kg pig meat

LCA is the basic tool to measure and identify hot spots and possibilities for improvements



A man in a white uniform is standing in a pigpen, looking down at a pig that is lying on its back. The man is touching the pig's nose. The background shows wooden pens and metal railings.

GHG emissions
from pigs
delivered to
Danish Crown

2005

2.7 kg CO_{2eq}
per kg weight gain

2016

2.2 kg CO_{2eq}
per kg weight gain



The Climate Track: Sustainability Certification scheme for our coop pig farmers

- 90% of all Danish pigs delivered to Danish abattoirs will – by the end of 2019
- come from farms that have committed to the 2030 goal by entering our sustainability certification scheme.
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Climate mitigation and energy
Antibiotics
Animal welfare
Innovation
New cleaner technology

Climate change mitigation and environment

- CO_{2eq} reduction
- Feed efficiency
- Reduction of ammonia emissions
- Manure management
- Energy use management (e.g. lighting and heating)
- Cleaner technologies: ammonia, odour and resource optimization
- Phosphorous, zinc and raw proteins in feed
- Local sources of protein
- Reduced soil treatment

How we share the journey

FARMER

- Takes the certification.
- Sets own goals and fulfills them.
- Chooses sustainable solutions for ongoing investments.
- Receives advice on resource optimization from Danish Crown.
- Implements new sustainable solutions on a voluntary basis, inspired by Danish Crown.

DANISH CROWN

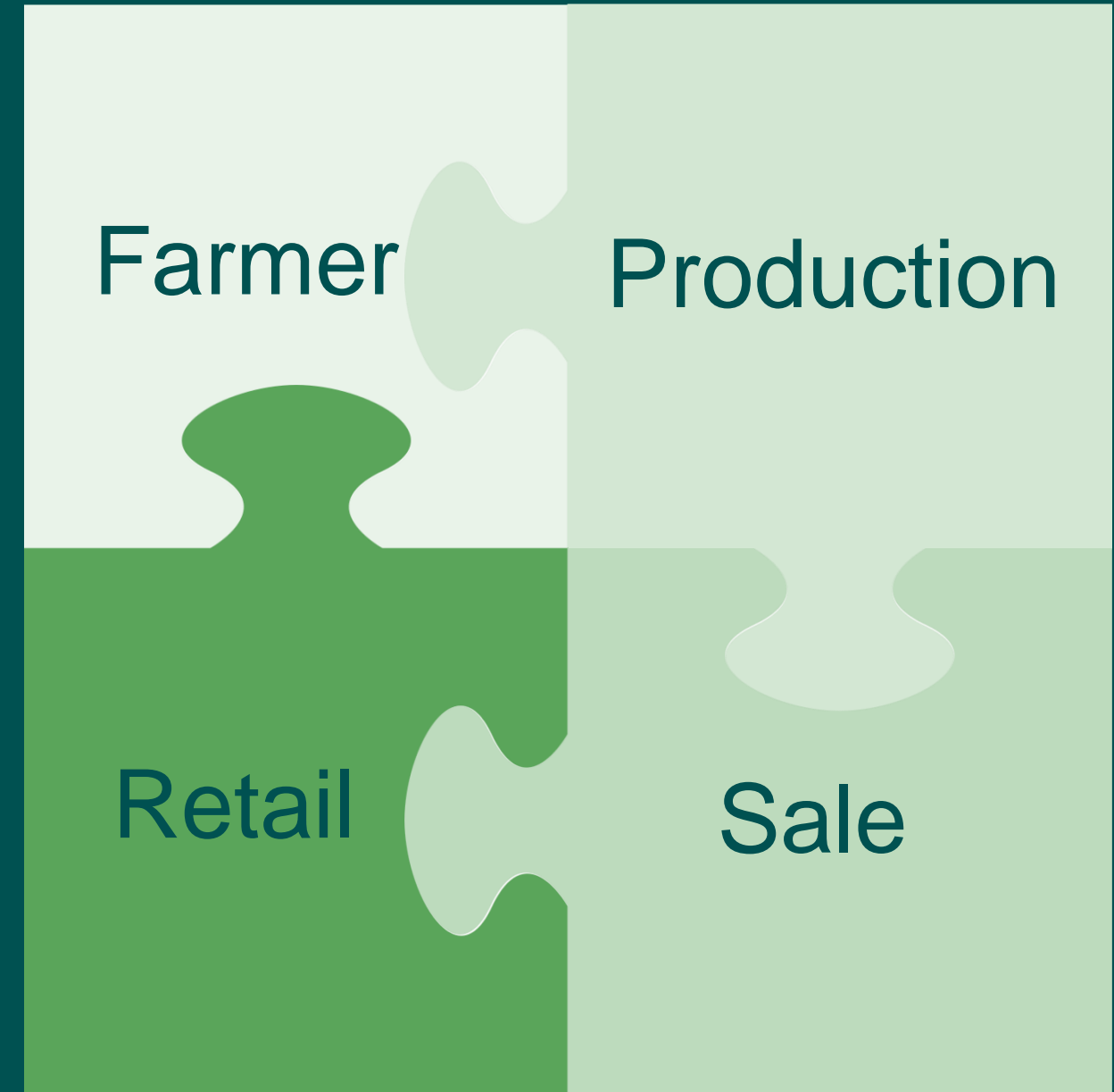
- Accelerates sustainable solutions, technologies and innovation for agriculture through partnerships.
- Ensures dissemination and advice on the best practice for agriculture.
- Focuses on sales at fair prices in the market to enable a transformation.
- Works to ensure healthy framework agreements that can enable a sustainable transition in agriculture.

Dialogue and partnerships

We want to challenge the status quo and be the leaders of change.

But we cannot succeed alone.

It will require cooperation from farmer to production, production to sales, sales to retail and dialogue with society at large.



How to reach the 2050 ambition

New technologies and solutions which we don't know today will become essential.

Ex: The development of protein grass that can replace imported soy in feed. New stable systems that can reduce the emission of green house gases.

A more sustainable future for food will require strong partnerships and initiatives based on dialogue with farmers, production, sales, retail, consumers, industries, universities and NGO's.



Messages and questions

- **Information and knowledge sharing**

- What kind of LCA's, data bases, methodologies are being used by ATF Members?

- **Promotion of a harmonized methodology and data use (and the creation hereof)**

- Greater importance on sustainability from a political and commercial aspect, Red Meat FCR.

- **Livestock's role in the new Horizon Europe (HE) research and innovation framework programme?**

- What kind of livestock-meat related calls/topics does the ATF foresee in the first work-programme of the HE?

