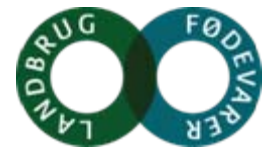




Agriculture in Denmark

Susie Stærk Ekstrand, Executive Director, Danish Agriculture & Food Council
29th of May 2013



Background

DAFC established in June 2009 through a merger of:

The Danish Agricultural Council

The Danish Bacon & Meat Council

Danish Pig Production

Danish Agriculture (including Media Service)

The Danish Agricultural Advisory Service

The Danish Dairy Federation (part)



Danske Slagterier



MEJERIFORENINGEN

Dansk Svineproduktion



The role of the Danish Agriculture and Food Council



Location of personnel (1,100)

Knowledge Centre for
Agriculture

AgroTech

Kjellerup

Vejen

Koldkærgård

Kolle Kolle

Axelborg

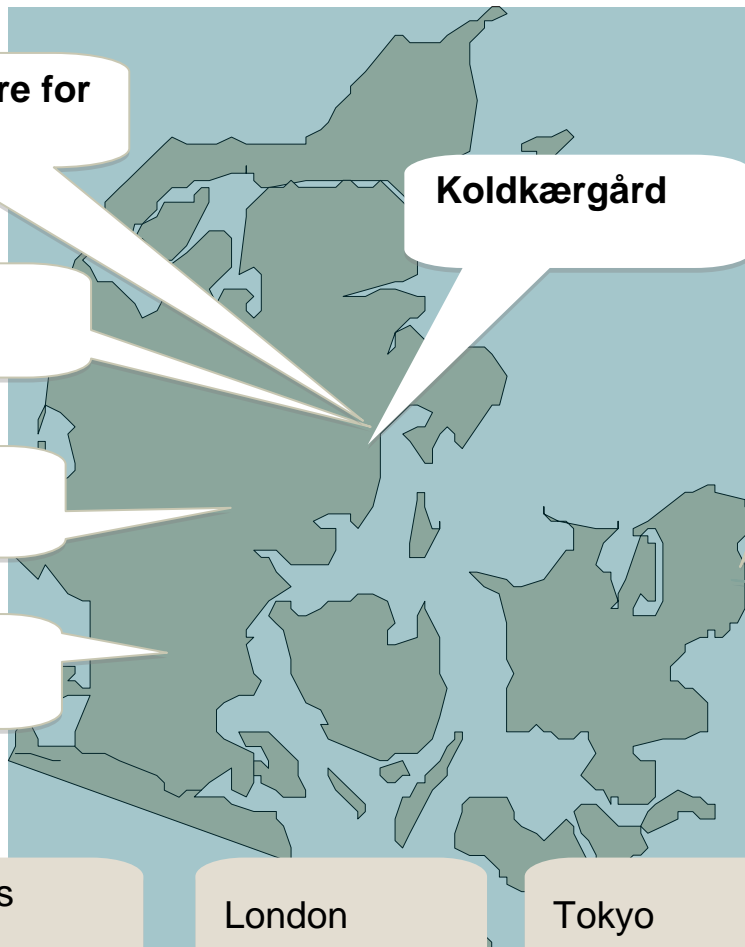
Media

Bruxelles

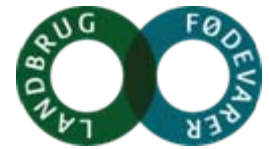
London

Tokyo

Beijing



An industry grouping equipped to meet the global challenges



(2011 turn overs)

Danish Crown: EUR 7,5 b
Arla: EUR 8,5 b
(cooperatives)

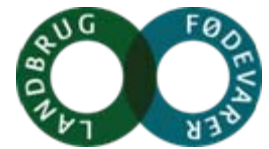
Cimbria, Kongskilde
and many other SME

Chr. Hansen: EUR 0,7 b
Novozymes: EUR 1,5 b



DLG: EUR 5,5 b
Danish Agro: EUR 2 b

The Danish Agriculture and Food Industry



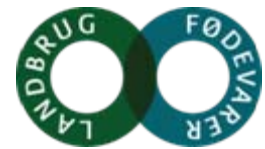
Denmark's largest industry grouping, with 183,000 employed in agriculture and related industries

The industry's production accounted for 3% of GDP

Two-thirds of production is exported, with an annual value of DKK 148 billion (= 20b euro)

The industry accounts for 24% of exports from Denmark when agribusiness is included

61 percent of Denmark's total area is cultivated



Danish Cattle Industry

Around 4,000 family owned dairy farms

Total milk production (quota) 4,705 million kg /year

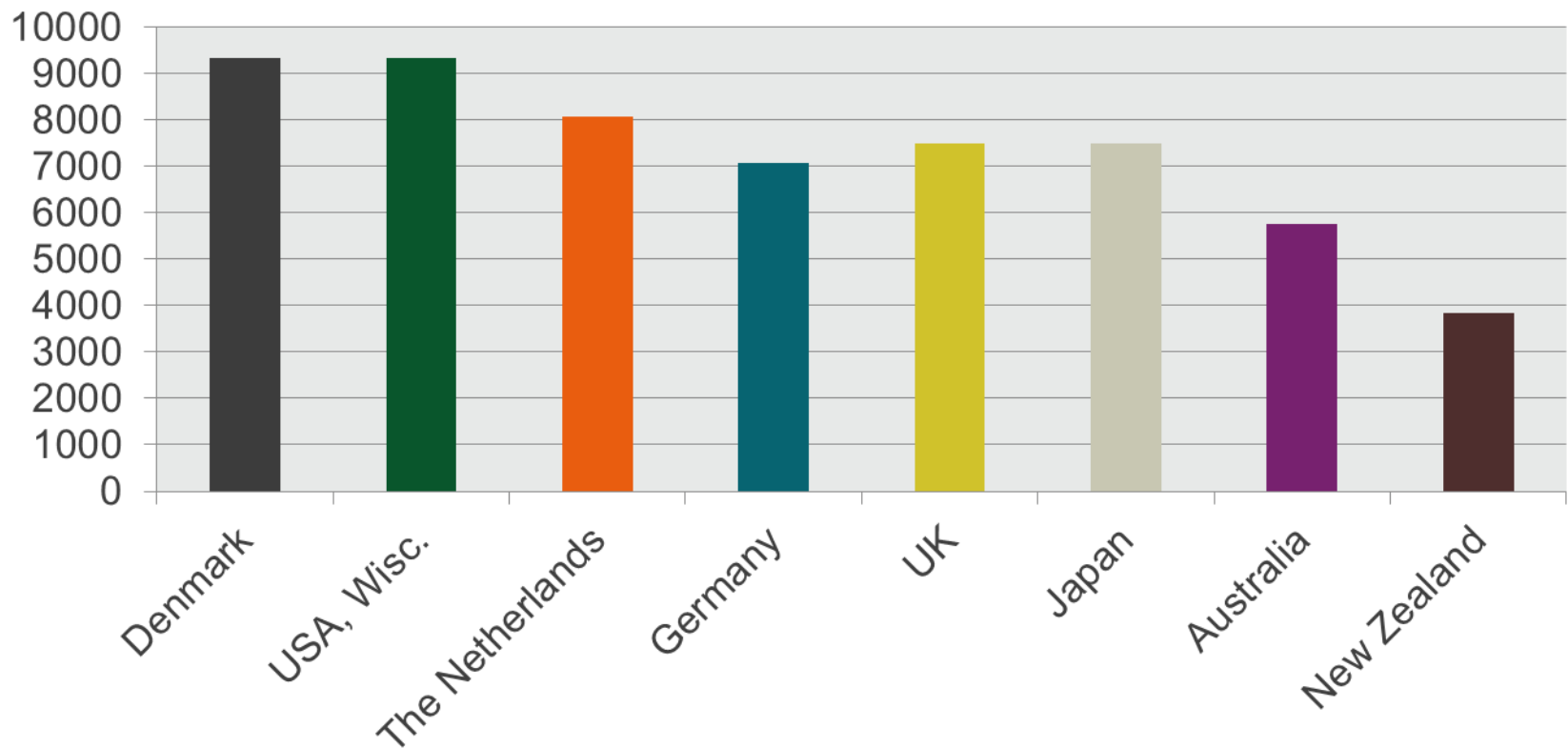
50 – 2,000 cows per farm (mostly Holstein, some Jersey and a few VikingRed)

Exports (2012):

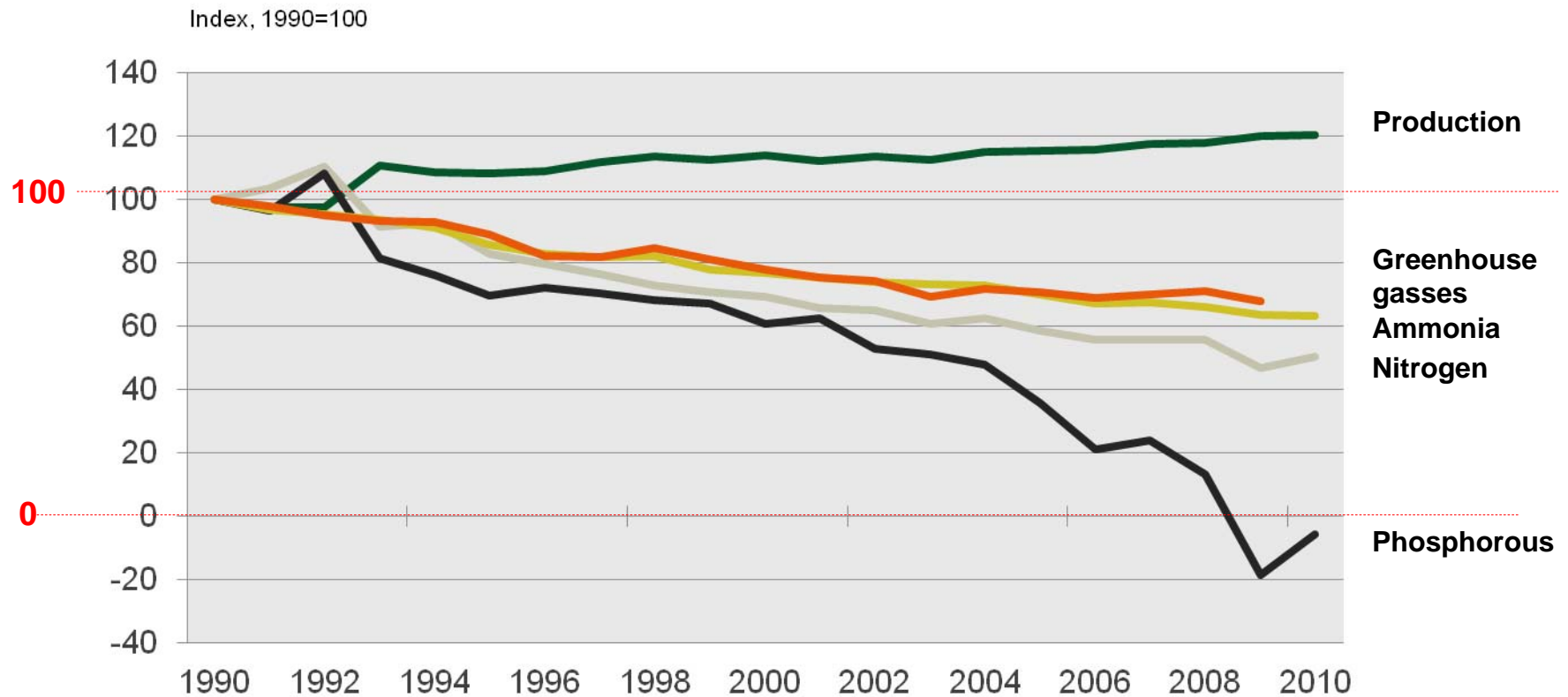
- 2/3 of the production (cooperatives, e.g. Arla)**
- 2b euro in milk products**
- 0,5b euro in cattle meat and live animals**

Danish cattle farmers among the most efficient in the world

Milk yield per cow (kg ECM/yearcow)



More for less – Danish agricultural production increases while the environmental impact decreases

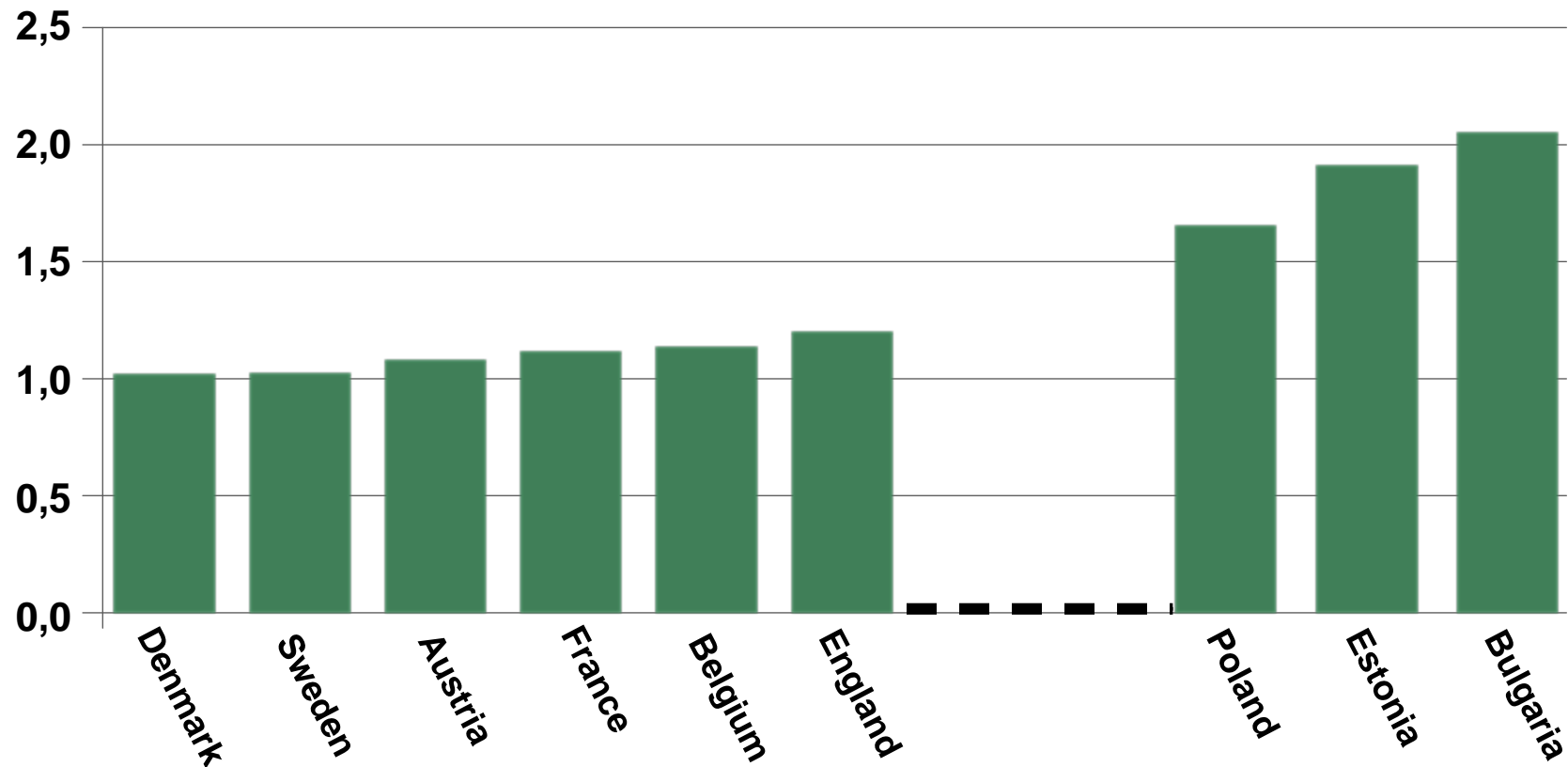


Sources: DCE: "Landovervågningsoplande 2010" and Danish Emission Inventory for Agriculture. NERI Technical Report no. 810. 2011. Statistics Denmark: Agriculture 2010 and Survey of the National Economy. EEA: Central Data Repository Submission March 15 2011, for 1990-2009 and cdr.eionet.europa.eu/dk.

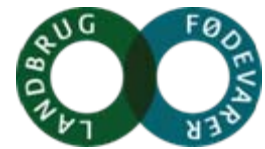
Danish produced milk has the lowest CO₂ load in the EU

- due to high efficiency and high utilization of N in the fields

GHG emission per kg milk, kg CO₂-eq



Source: Animal Feed Science and Technology p. 166–167 (2011)



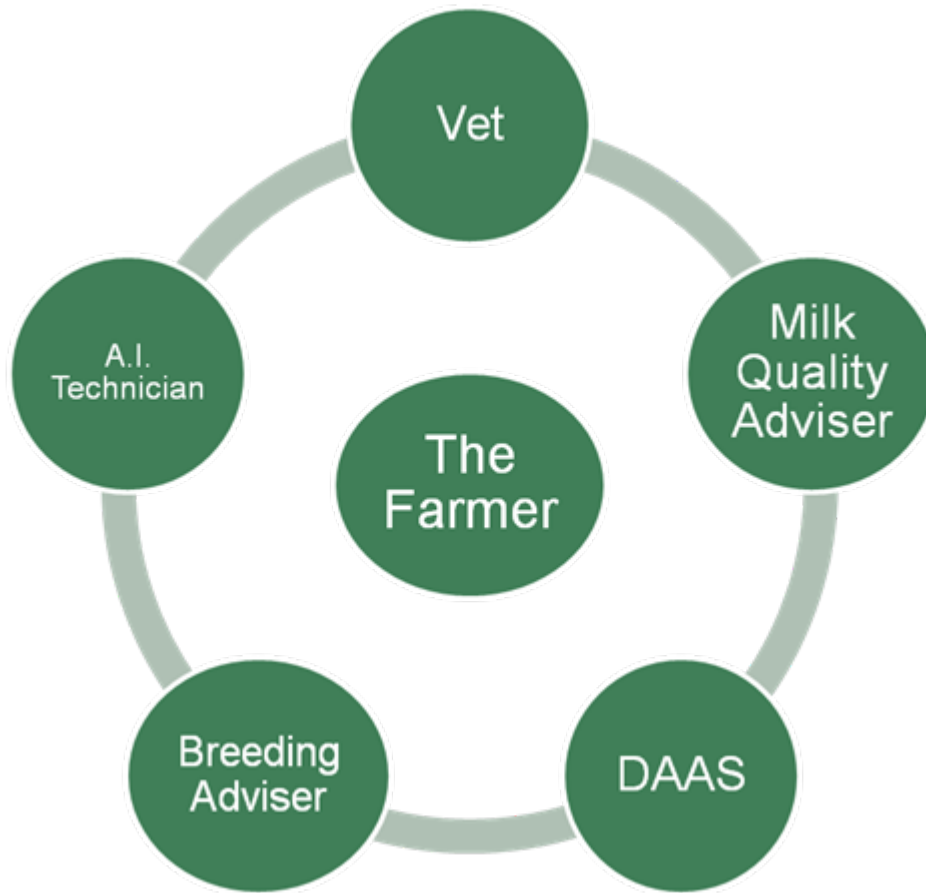
Unique Results Obtained by:

High level of know-how in the cattle farming cluster

Unique cooperation among research, development, advisory service and farmers

A unique value chain due to farmer owned companies such as Arla Foods

The Danish Counselling system



Implementation of

-Management

-Know how

-Etc.

Danish Agricultural Advisory Service

Knowledge Centre for Agriculture
App. 550 employees

30 Advisory
Centres
(app. 2000
employees)

Milk
Quality
Adviser

Breeding
Adviser



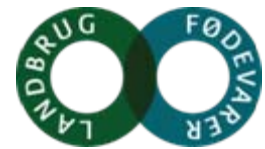
Growth potentials

There is a paradox

Long term possibilities,
but tough short term challenges:

- Constant pressure from new business taxes, levies and extra regulations on fx. animal welfare and environment
- Credit crunch still hinders many new investments

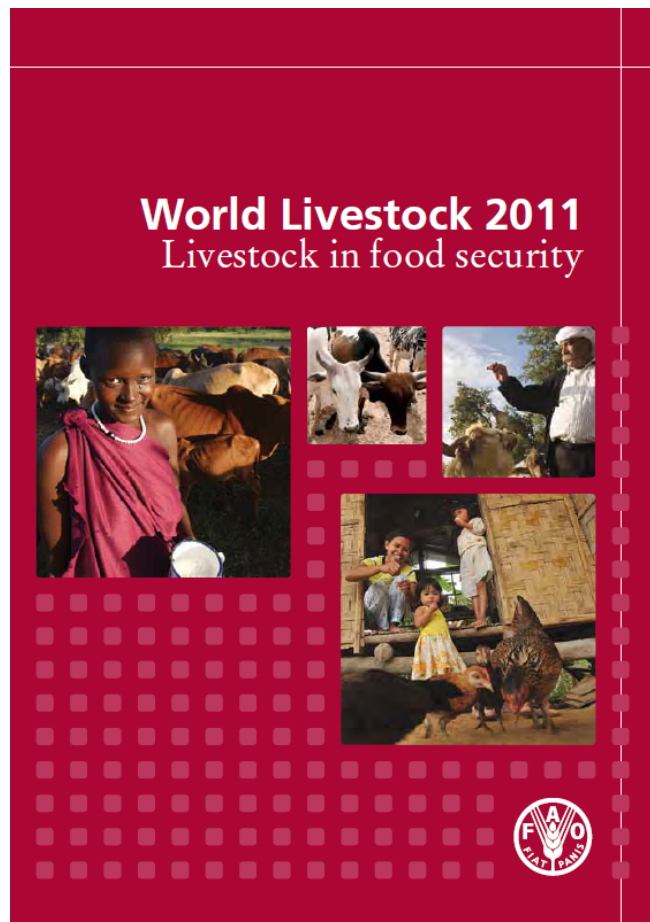




The Danish economy has stopped growing

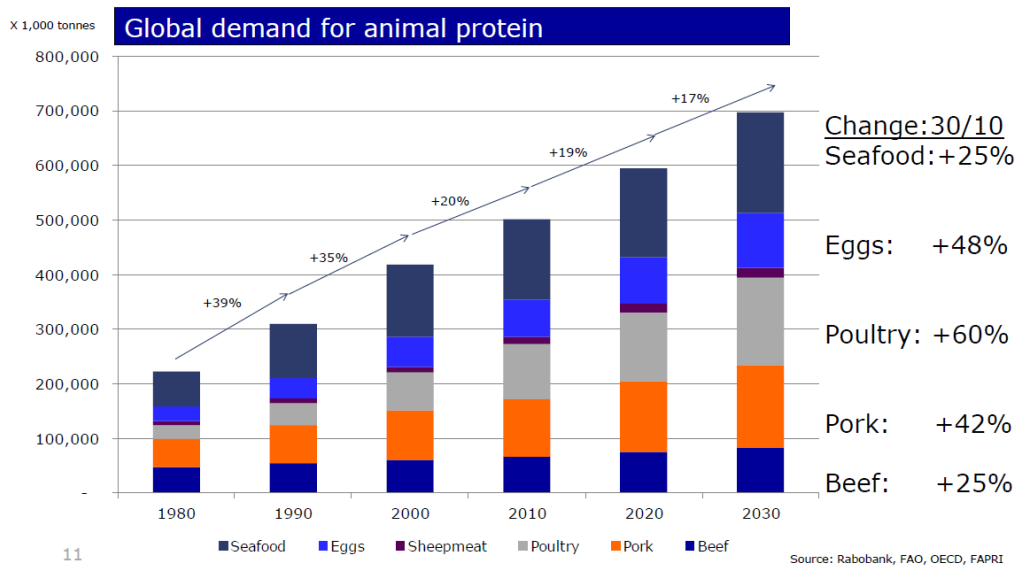
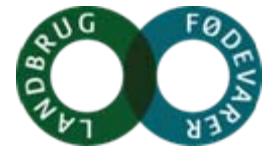
- **Productivity in general is not increasing**
- **Wages are high**
- **Minimal growth perspectives for the big markets in the EU**
- **Global insecurity is difficult for such a small open economy as ours**

Intensive sustainable food production is part of the solution



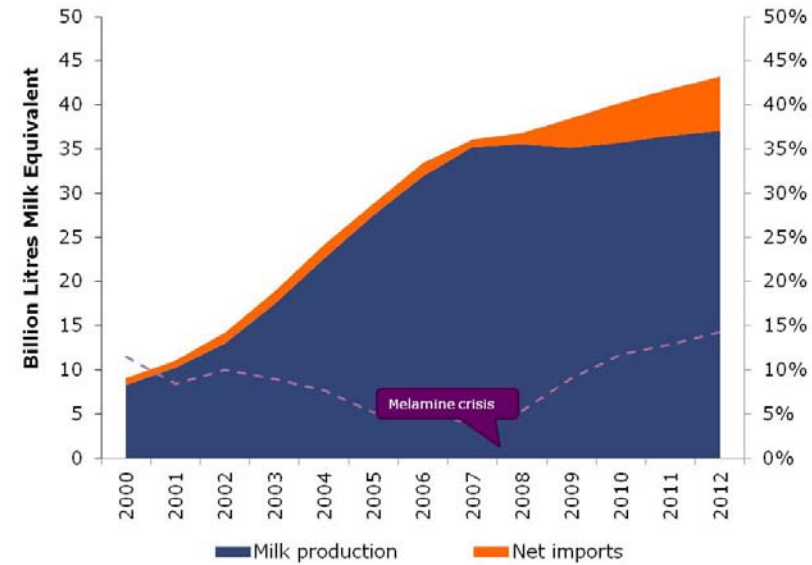
FAO: “Intensive production holds key to feeding growing cities, but improvements in natural resource use and environmental performance are crucial”

Demand is rising

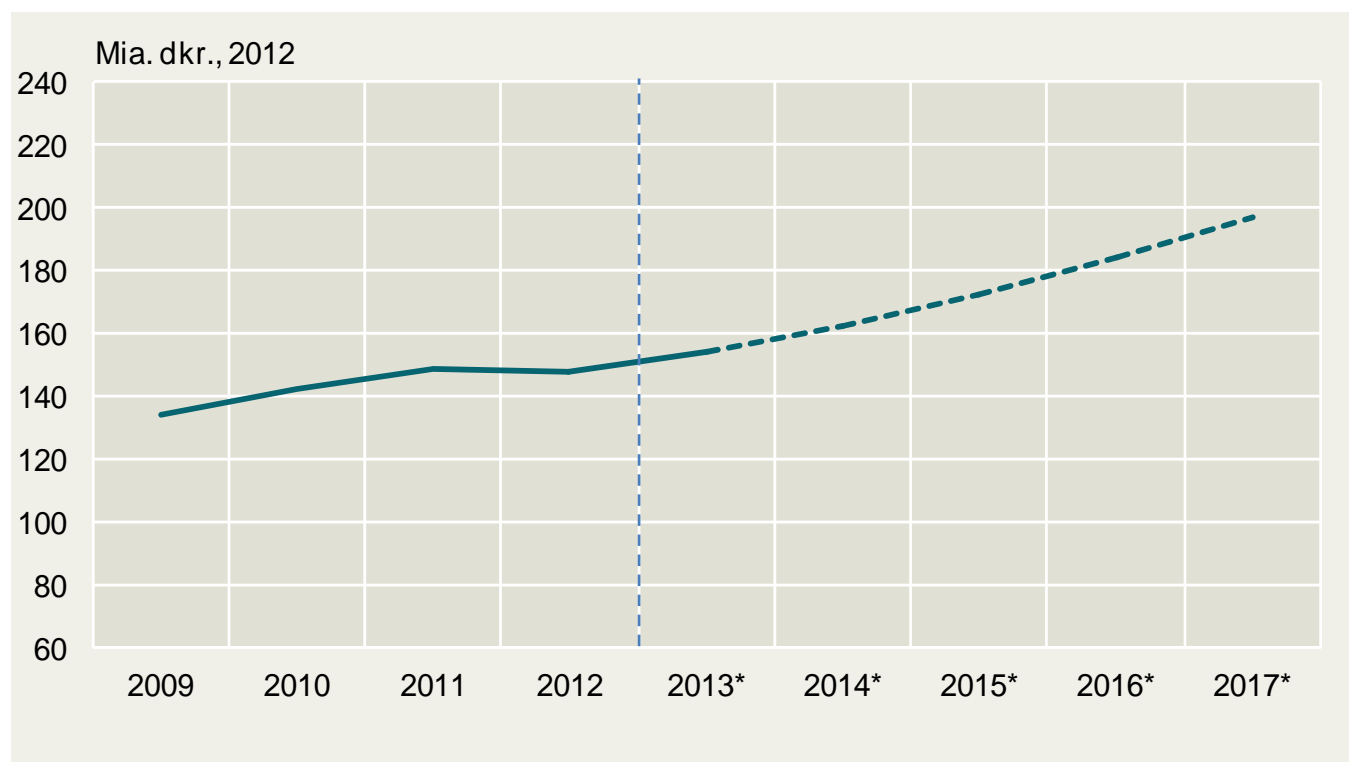


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Chinese dairy consumption: by product origin



Large potential for growth in the entire Danish sector



Kilde: Danmarks Statistik og OECD. 2013.