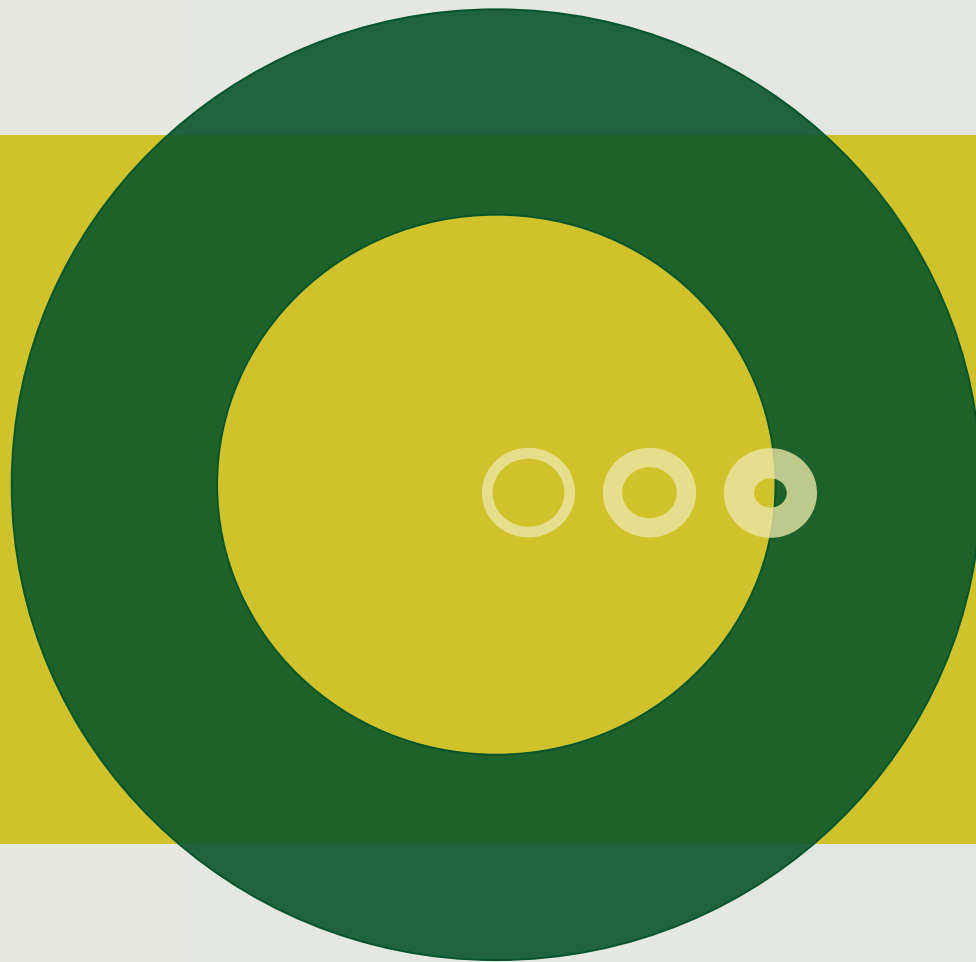


KNOWLEDGE CENTRE FOR AGRICULTURE

Progress of the EIP IMPLEMENTATION in Denmark

Leif Raun,
Knowledge Centre
for Agriculture



Issues to be discussed

1. Main bottlenecks in the uptake of the interactive innovation model with operational groups.
2. Will there be a national/regional EIP network?
3. Are Advisory Services involved in RD to promote innovation?
4. Interaction with Research

Knowledge Centre for agriculture

Main characteristics relating EIP

- Owned by the Danish farmers. Bottom-up
- Participates in applied research and innovation and identifies new needs
- Knowledge dissemination and implementation to Danish farmers
- Extensive network and cooperation with research institutions, public authorities and the food industry

1. Main bottlenecks in the uptake of OG

- Financing of the establishment; support and operation of OG.
 - Not yet national / regional RD means for transnational formation (networks or OG).
 - Funding programs for different actors / sectors with different aims and deadlines hard to combine. (non-simultaneity of funding).

2. Will there be a national/regional EIP network?

- *Large number of networks past, present and future in Denmark.*
 - *The different production systems involving farmers, researchers and advisors.*
 - *European Cattle Innovation Partnership*
 - *European Pig Network (under formation)*
 - *IPM – PURE project*
 - Innovation Network for Biomasse – INBIOM
 - Danish Food Cluster
 - FoodNetwork
 - Future Food Innovation (Regional funded)
 - VIFU – Knowledge Centre for Food Development. (Regional funded)

2. Will there be a national/regional EIP network?

Partnership for innovative solutions for societal challenges. Inno+

Priority: Intelligent, sustainable and effective plant production.
Budget 13,5 mio. euro.

Approved project: Future Cropping about precision farming technologies.

- KCA coordinator of the 10 partner project consortium
 - AGCO (Massey Ferguson, Fendt, Valtra); Kongskilde Industries A/S, Orbicon A/S, Ejlskov A/S, Novozymes A/S, Yara Danish Fertiliser A/S, Aarhus University, Science & Technology, Copenhagen University, SCIENCE, AgroTech.
 - Agro Business Park, FOSS, CLAAS-Agrosystems, Rambøl og GEUS also participate.

Agricultural research and innovation in Denmark

- sharing of knowledge

Basic research

Universities

Strategic research

GTS*

Applied research

Advisory service

Farmers and other end-users

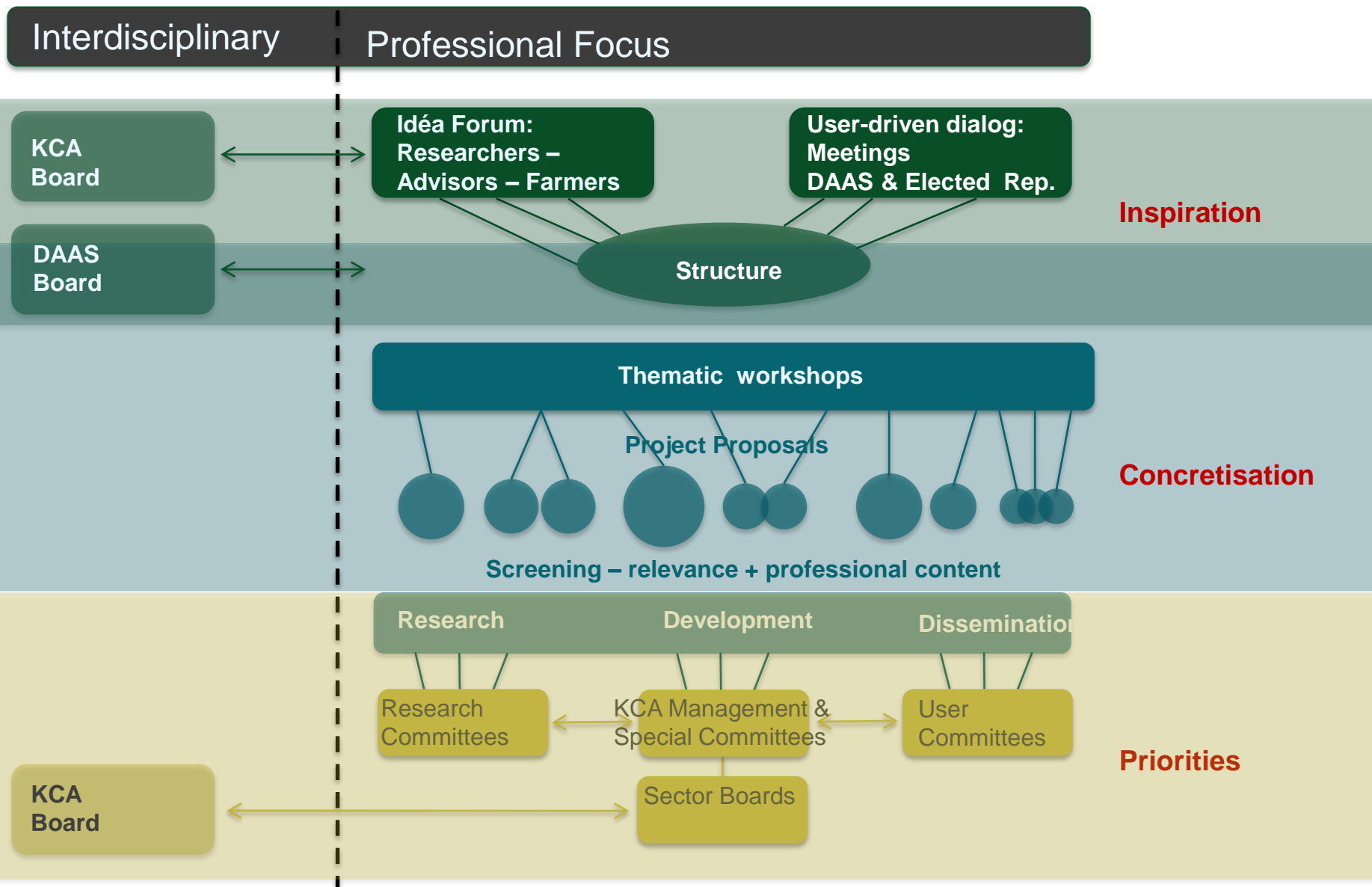
* Advanced Technology Group (9)

3. Advisory Services involved in RD to promote innovation?

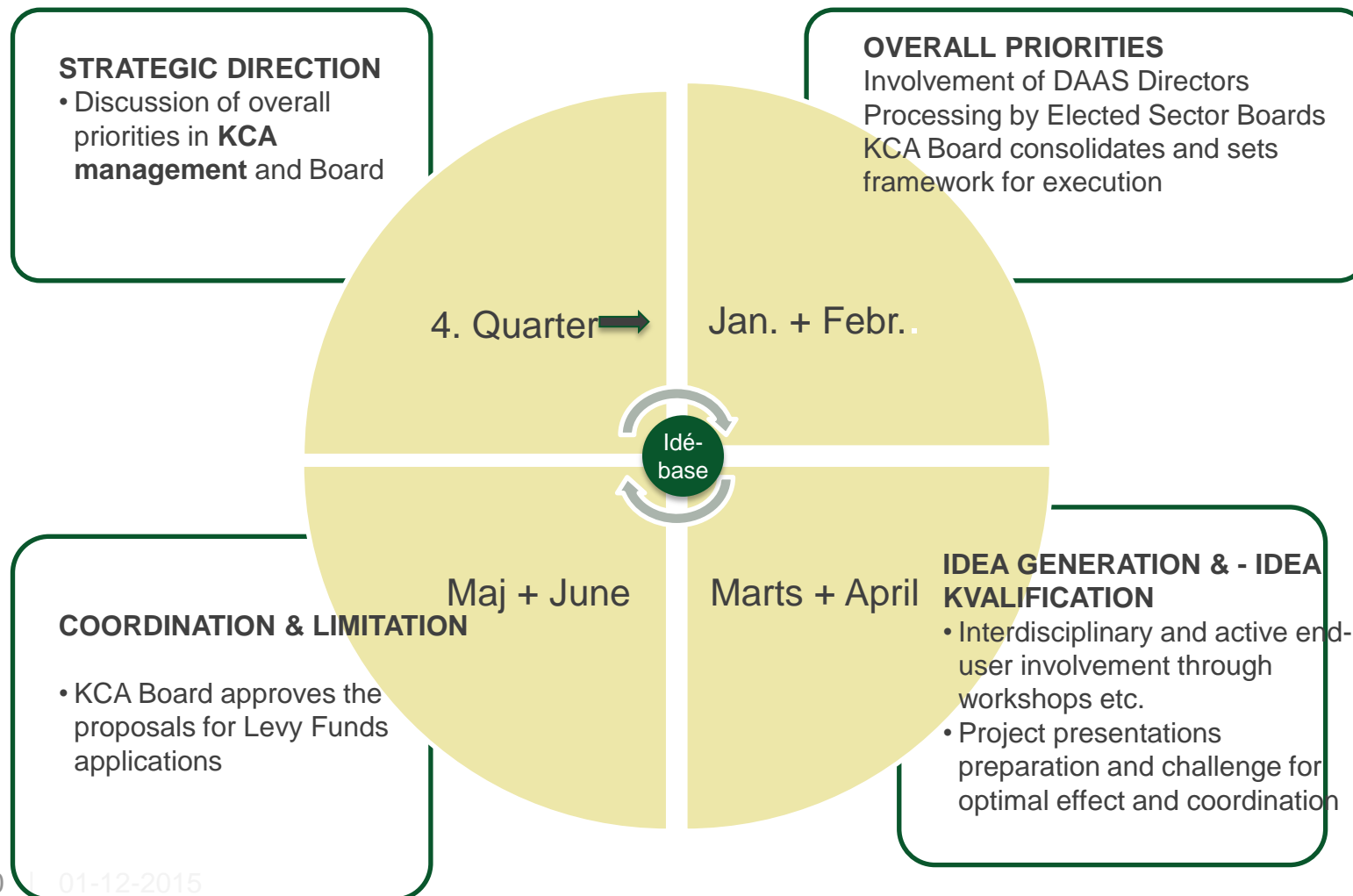
The Danish situation is special in several ways.

1. Generally agriculture is not considered partner in RD by state or regions. (considered a production sector with own finding).
2. Specific RDF sum allocated by the state to innovation within agriculture. (app. 4 million euro).
3. Levy Funds finance yearly 11 million euro for agricultural innovation and research (14% of KCA turnover)

Public funds; bottom-up planned; managed by private / state/public board with agricultural majority.



Procedures for project ownership and quality assurance



Strategic framework priorities 2013

Determinants for environmental conditions and optimisation of production.

- Instruments for the maritime environment
 - Stone reefs
 - Significance of fishery
 - Breeding of muscles
 - Reestablishment of eel grass
- Increased understanding of nutrient transportation from field to the water environment.

EIP and Denmark

- We participate in 6 Focus Groups
- Have applied another two groups
- Active in European Cattle Network
- Trying to establish a European Pig Network
- All our applied research and innovation is generally carried out with universities; local advisory service and farmers. (OG's 😊)

New welfare pen - more welfare for the pigs and the sow

- Joint project between the Knowledge Centre for Agriculture, Copenhagen University, a farm equipment company and pig producers
- Development of a pen for loose housing of sows without compromising the welfare of the piglets. The SWAP- pen (Sow welfare and piglet protection pen)
- Presented at Agromek and Eurotier 2012



Compact feed increases milk supply and improves health for dairy cows

- Joint project between the Knowledge Centre for Agriculture, the local advisory service and 13 dairy farms
- Develop different mix of feed and new feed management strategies which improves milk production by 5 percent on average

Field trials

- Joint project between the Knowledge Centre for Agriculture, the local advisory service and farmers
- Around 1100 field trials a year carried out on 200 farmefields
- Test of new grain species in terms of yield, pesticides, requirements for fertilisers ect.
- Results published and available for all farmers

Interaction with Research

- Has the organisation or programming of research in your country been influenced by the EIP? Perhaps, inviting relevant consortium to solve main challenges. Sust plant production or next big-data.
- Do the Operational Groups have access to the research system in your country? Yes if they bring money.
- Are there incentives for researchers to participate in Operational Groups? NO.

Interaction with Research

- Were research organisations from your country active in proposals for Thematic Networks and Multi-actor projects in H2020?
- If yes: did they experience difficulties due to the character of such projects?
NOT KNOWN YET- EVALUATION NOT FINISHED.

EIP and Denmark

- The EIP is an important tool for Danish agriculture to promote innovation and transnational cooperation
- Networks and formation of OG is the method we have been using during the years.
- International networks and cooperation has high priority for agriculture in Denmark
 - Small sum allocated this year for networks.
 - Proposal to include support of EIP in next RD.



VIDENCENTRET FOR LANDBRUG
Økonomi & Virksomhedsledelse

Thank you very
much.

Folders presenting
the Danish Food
Cluster available on
desk

