



**Ministry of Environment
and Food of Denmark**
The Danish
Agricultural Agency

Linking Climate Change Mitigation and Bioeconomy in the post-2020 CAP Strategic Plan

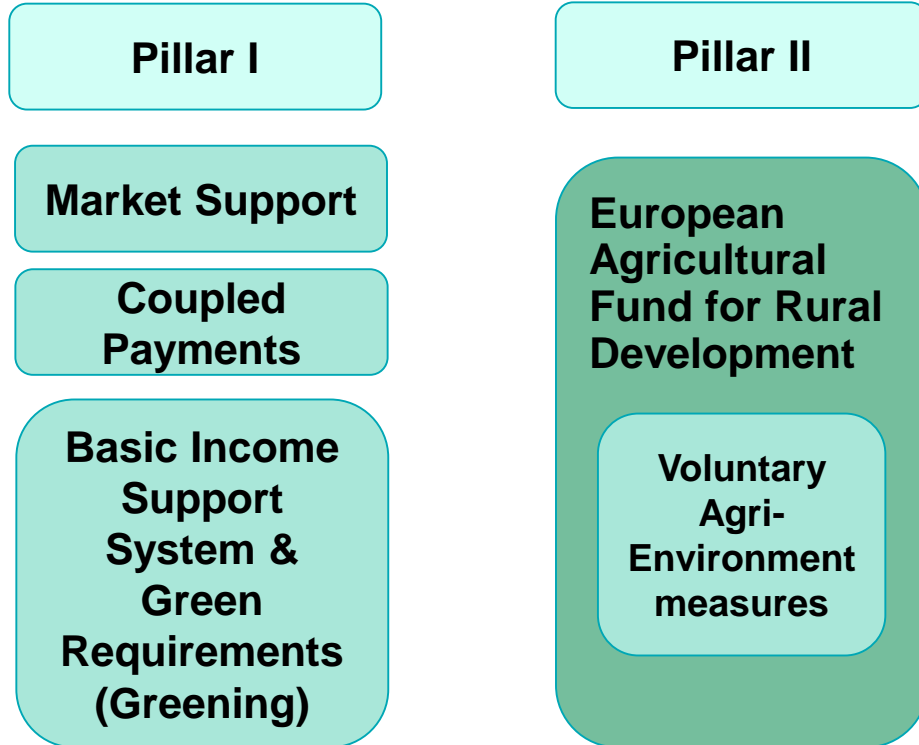
- An Example from Denmark

ENRD Thematic Group Meeting –
Bioeconomy & Climate Action in Rural Areas
12 December 2019

Katja Christensen Wolfhechel

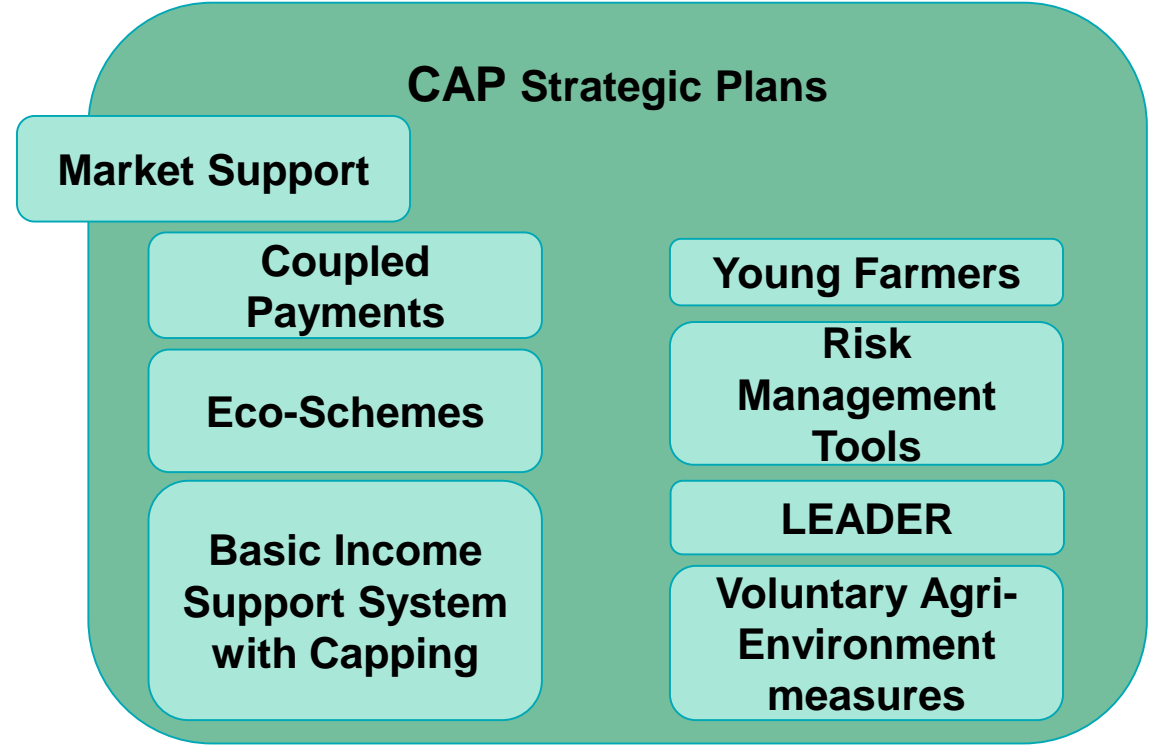
Current Agricultural policy and the new Proposal

Current Agricultural Policy Set-Up



Cross-Compliance

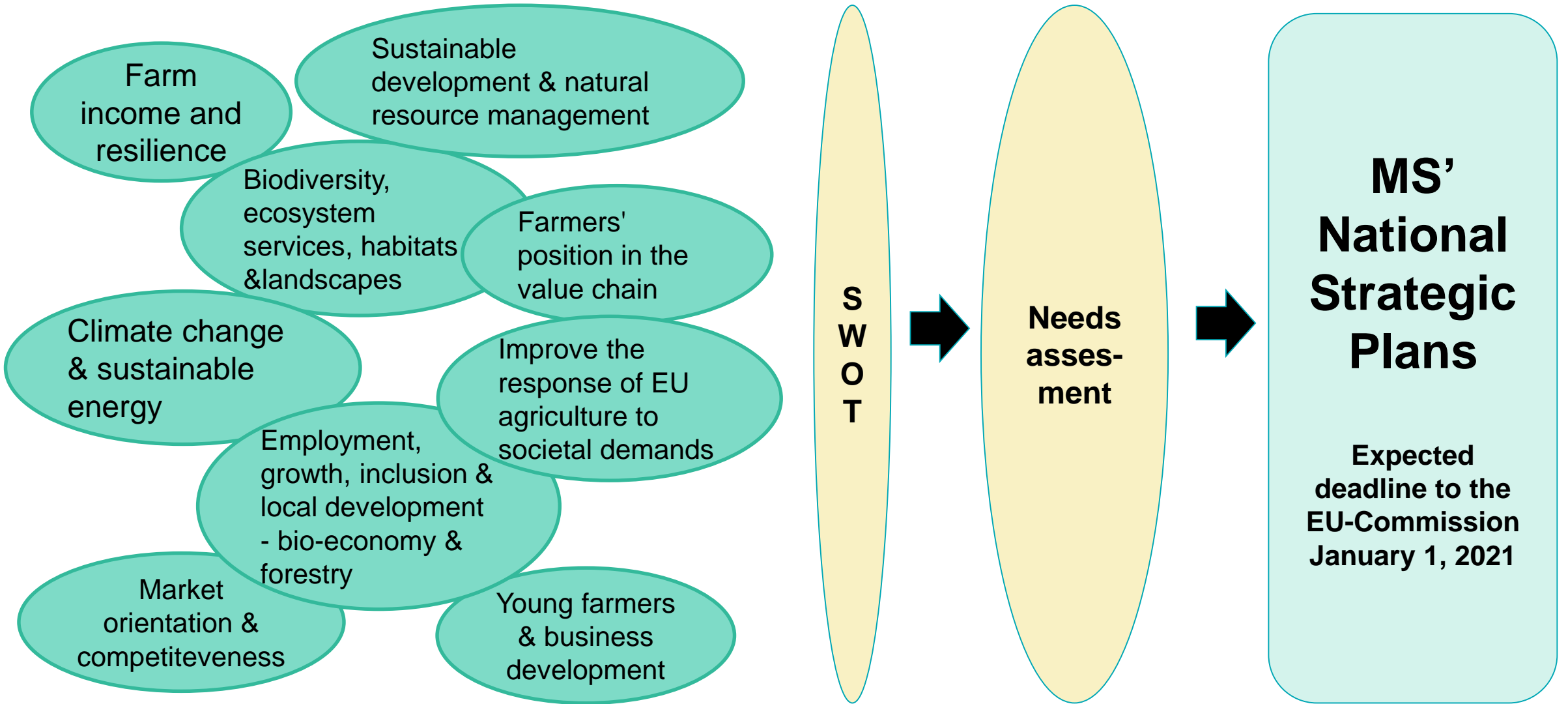
EU-Commission Proposal for the new CAP



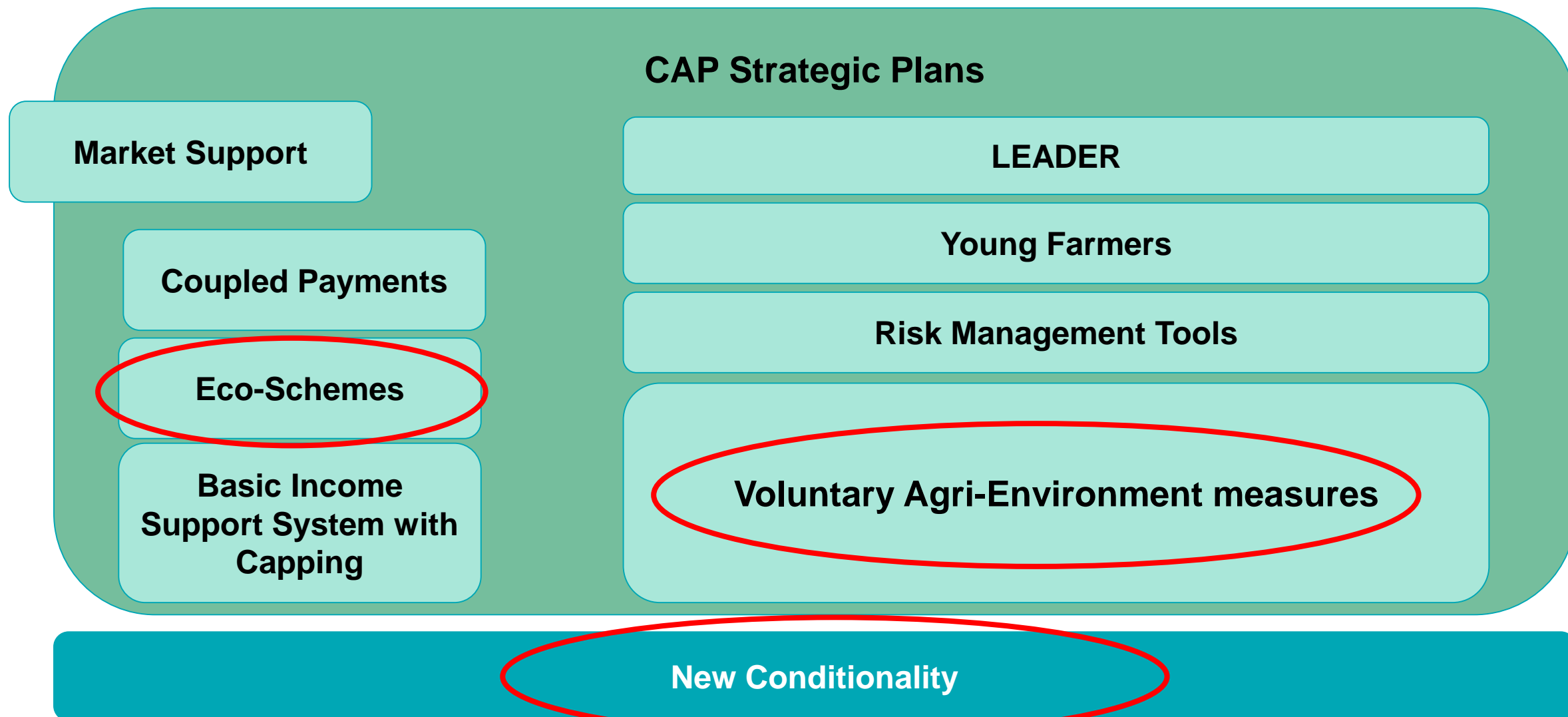
New Conditionality



Post-2020 CAP Strategic Plans

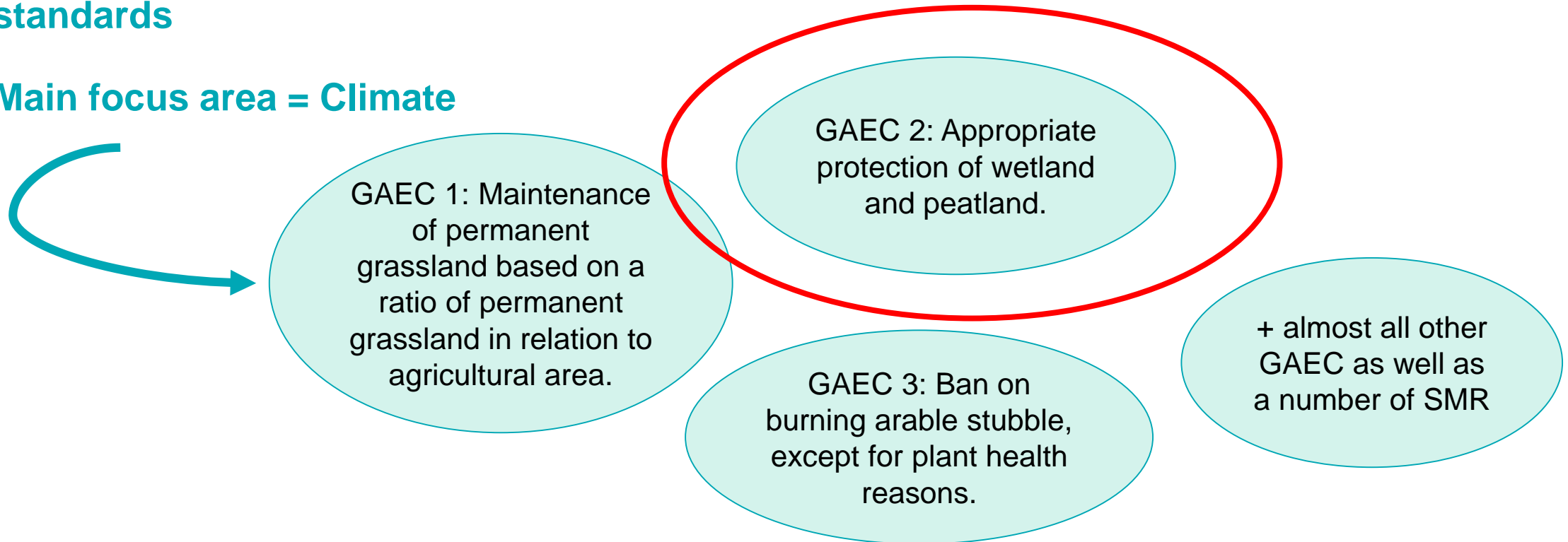


Opportunities for Climate Change Mitigation and Bioeconomy in the New CAP



Rules on Conditionality

- The new conditionality = a set of standards to be implemented in national demands
- SMR: Statutory Management Requirement - 16 requirements
- GAEC: Standards for good agricultural and environmental condition of land – 10 standards
- Main focus area = Climate



Climate Change Mitigation and Bioeconomy in the Danish CAP Strategic Plan

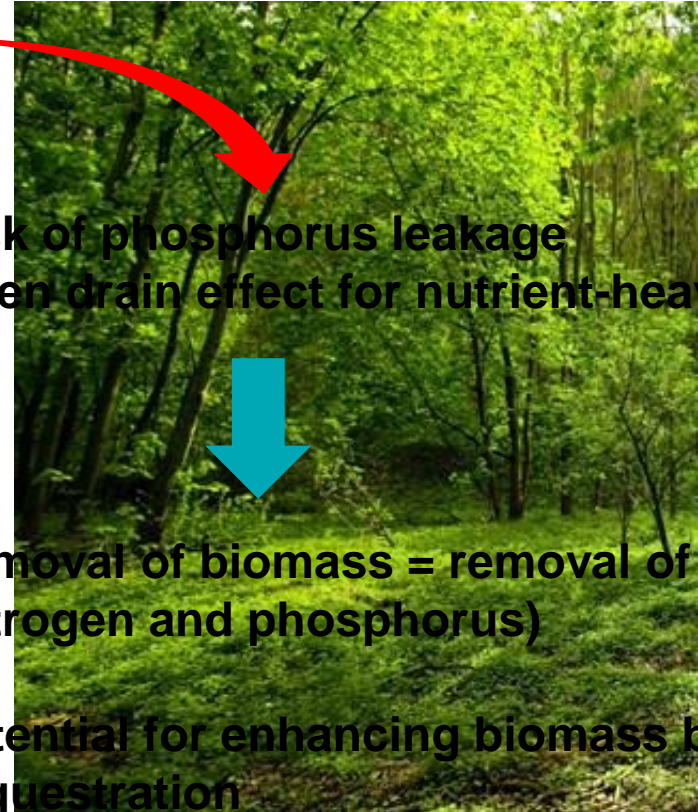
- **Building on top of baseline - rules of conditionality and national law**
- **Based on the results of SWOT and assessment of needs**
- **Interacting with the ambitious Danish climate objective of a 70 % reduction of GHG emissions in 2030 compared to 1990-levels, and the goal of a climate neutral Denmark in 2050 latest**
- **Voluntary Agri-Environment Measures and Eco-Schemes**



Measures for Climate Change Mitigation on Agricultural Land



Halting carbon burn-off through
extensivation and rewetting of peatlands



Risk of phosphorus leakage
Often drain effect for nutrient-heavy adjacent areas

Removal of biomass = removal of nutrients
(nitrogen and phosphorus)

Potential for enhancing biomass build-up and carbon
sequestration

Enhancing carbon sequestration
through afforestation

Supporting climate change mitigation and
bioeconomy



Biomass from Rewetted Peatlands

- For an nutrient effect and to support peatland projects, the biomass must be removed
- Wetland harvesting requires special machinery
- Estimates of effect on nutrient are not yet certain – more studies are needed
- Preliminary studies point towards an effect in the range of 80 kg N/ha samt 11 kg P/ha.



Grass and Eco-Schemes

- **Eco-schemes focusing on grass**

- **Permanent grass areas**
- **Protein grass**
- **Machinery for wet harvest**

- **Biomass harvested from natural areas for preserving open landscapes/habitats**



From Biomass to Bioeconomy

- **Uses of biomass are many: Bio-refining, fodder, green fertilizer and energy production**
- **Revised Directive on Sustainable Energy opens up for use of biomass from natural areas in energy production**
- **Proposal for new CAP opens up for support for use of a broader range of biomass**
- **Requires logistic framework for effective usage**
- **For an intervention targeting climate mitigation it is imperative that the effect can be measured for national GHG inventories**



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Thank You

In case of questions you are welcome to contact me at kawoch@lbst.dk

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