



Ministry of Environment  
and Food of Denmark  
The Danish  
Agricultural Agency

# Developing and executing the Remedial Action Plan in Denmark

LPIS QA Workshop, Varese  
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Mette Holst Nielsen,  
Denmark

## Agenda

- **Developing the Remedial Action Plan**
  - Analysing the QE scores
  - Identifying actions that would eliminate errors found and improve quality of the LPIS
- **Executing the Remedial Action Plan**
  - Communicating the results to the executive level
  - Obtaining support and resources for the actions



## Remedial Action Plan – New template



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### New template

#### Part A – Detailed description of:

- **The ETS analysis**
  - **DK: Overall conclusions and remedial actions we will continue with (3 year update cycle)**
- **LPIS weaknesses**
  - **DK: Specific issues**
- **Planned remedial actions**
  - **DK: Specific issues in more detail -> our focus**
- **Risk of not completing planned actions**
  - **DK: Evaluation of risk: Specific issues and 3 year update cycle**



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## New template

### Part A – Detailed description of: Where applicable

- **Additional resources required**
  - **DK: None**
- **Review of previous remedial actions**
  - **DK: Previous actions help quality, but some actions foreseen to take time**

### Part B

- **Summary table of remedial actions**



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## New template

### “Part C” – MTS

- **DK: MTS not changed – this we indicated here**

### According to “TG MTS Delivery – MTS package”:

*“In case no system redesign or substantial system upgrade are made on the SUT, there is no need to repeat the MTS for the annual quality assessment. It is sufficient to refer to the latest MTS report. The annual data ETS report shall indicate which year the last MTS was done and what the result of conformance statement was.”*

### Question to JRC: Where do we indicate this?



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## Developing the Remedial Action Plan – analyzing the QE scores



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### Analysing the QE scores

- Our focus is mainly QE2a, QE2c (QE3) and consequently QE4
- Any QE's fairly close to the threshold is a risk -> need for remedial actions
- Small fluctuations in QE scores from year to year, can be expected when well below the threshold  
-> a small increase does not necessarily mean that the QE is worse. We need to see this over time and different test zones



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## Identifying actions that would eliminate errors found and improve quality of the LPIS

### Actions

- Analysing QE2a – quality of the reference parcels
- Analysing QE2c – quality of the classification

### No actions

- QE3 – critical defect. This issue was solved in previous years
- QE4 – Close to threshold, but issue has to be solved by looking at QE2c



## QE2a - Specific codes for ineligible elements

Non-agricultural land cover – specified by JRC	Example of more specific codes in Denmark
Artificial sealed surface and associated areas	<ul style="list-style-type: none"> <li>- House</li> <li>- Building</li> <li>- Gravel pit</li> <li>- Golf course</li> <li>- Riding ground</li> <li>- Garden</li> </ul>
Forest and Woodland	<ul style="list-style-type: none"> <li>- Actual forest</li> <li>- Christmas trees</li> </ul>
Scrubland	<ul style="list-style-type: none"> <li>- Group of trees</li> <li>- Row of trees</li> </ul>
Water Bodies	<ul style="list-style-type: none"> <li>- Pond</li> <li>- Ditch</li> </ul>
Natural Bare areas	
Waterlogged Vegetation	



## QE2a - Specific codes for ineligible elements

### Aim

- To see if we have any particular issues over the years
- To make sure our operators use the 5 overall codes for ineligible elements consistently (among operators and years)

### Conclusions

- Some elements can be linked to specific zones e.g. many farms with horses in a particular area -> many riding paddocks
- Some elements are seen in most zones



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## QE2c – Area classification

QE2c is the main issue for Denmark in the LPIS QA

All non-conforming RP's under QE2c are analysed for the specific cause

- Divided into some overall categories of errors for the classification
- Every category is summed up to find main issues -> check if there is a specific trend over the years



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## Executing the Remedial Action Plan



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## Executing the Remedial Action Plan

### Before the Remedial Action Plan is sent

- Approved by head of the unit
- Meeting with the CEO to show the results

### More specific

- List of possible solutions – big and small
- Prioritise depending on importance and low hanging fruits



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## Executing the Remedial Action Plan

### Obtaining support and resources for the actions

### Passing QE2a and QEc2 is a precondition for monitoring

- Denmark is implementing monitoring gradually from 2019
- Important not to be close to the threshold -> more risk of not passing the specific QE
- Issues related to LPIS QA therefore has to be solved



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## Executing the Remedial Action Plan

### Challenges

- Many actions take time to develop and implement  
-> will not have an impact on the next LPIS QA,  
but results are seen in later LPIS QA's  
e.g. changes to our validations or validation  
layers for e.g. grassland status (starts 1  
February in Denmark)



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## Executing the Remedial Action Plan

### General issue related to classification

- Going back many years for proof can be time consuming and difficult

*Annex II, table 8.3: "Code HV shall be used only where proper classification and attribution to either AL or PG is impossible."*

*If you do not check for proof for grass in rotation, how do you know it is actually in rotation?*



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