



# Danish method for landscape character planning

Introduction, premises and experiences



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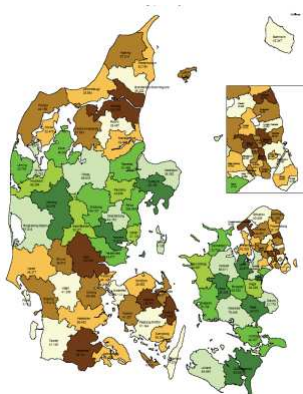


PECSRL 04.09.2008



# Danish planning reform 2007

New: Countryside planning by the Municipalities



98 new municipalities: countryside authority instead of former counties

## The Municipal plan:

Planning themes and their coordination

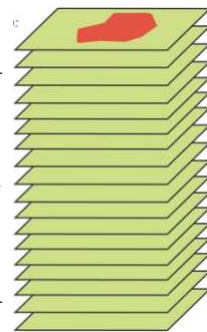
**Examples:**

Urban zones \_\_\_\_\_  
Infrastructure \_\_\_\_\_

Afforestation \_\_\_\_\_  
Agriculture \_\_\_\_\_

**Protection of landscape value**

Protection of wildlife \_\_\_\_\_  
Protection of cultural heritage \_\_\_\_\_





### New Danish Planning Act:

§ Municipal plan contain guidelines on protection of landscape values, areas of landscape value and large landscape entities

### ELC and Nordic Council of Ministers:

Focus on landscape planning & management for sustainability

***Need for new danish method for municipalities'  
landscape assessment and planning!***



Development of new Danish method for countryside planning based on Landscape Character:

### Landskabskaraktermetoden - LKM

The group:

- Forest & Landscape DK
- Danish Nature Agency
- Counties
- Municipality

with inspiration and support from LCA England and Scotland



Testing in counties, NP's and municipality *The group visiting Staffordshire County*

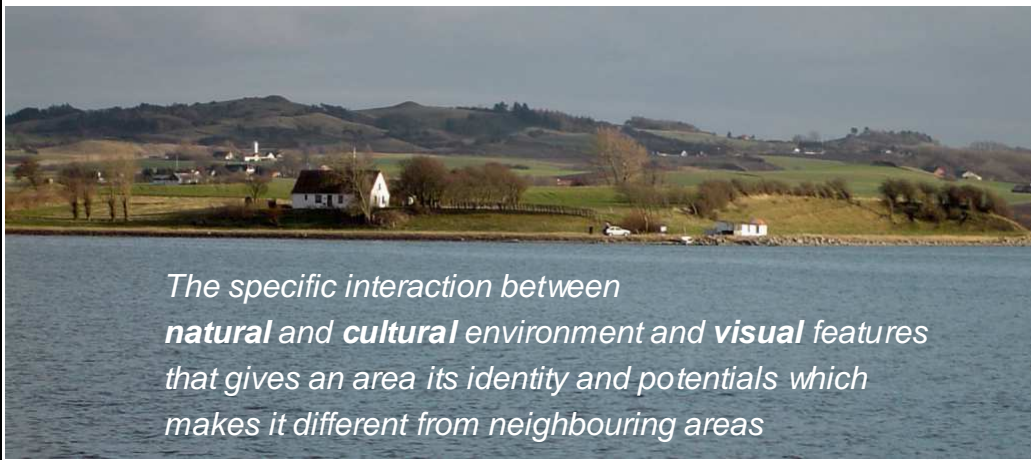


## Objectives for the new LKM planning tool

1. A commonly recognized method to understand and define **landscape character and perceptual qualities**
2. **An action-oriented method to assess and prioritize** in municipalities' landscape planning and management
3. Focus on **landscape as a whole** and not only on selected areas of high value. Full cover LCA at municipal level
4. Coping with countryside **development and change**
5. **Systematic**, efficient, well-documented and "transparent"



## Landscape Character definition in LKM





## Danish Landscape Character method - LKM

Step 1	Phase 1: Characterisation	
Step 2	Defining scope	
Step 3	Natural environment	
Step 4	Cultural environment	field work
Step 5	Visual features	
	Mapping of landscape character areas	
	Phase 2: Making judgements	field work
Step 6	Landscape character: strenght	
Step 7	Visual qualities	
Step 8	Condition	
Step 9	Sensitivity	
	Phase 3: Strategy	
Step 10	Zoning and policy objectives	
Step 11	Guidelines for actions and initiatives	
	Phase 4: Implementation	
Step 12	The municipal plan	
	Main structure	
	Guidelines and framework	



**Phase 1: Characterisation**  
Defining scope  
Natural environment  
Cultural environment  
Visual features  
Mapping of landscape character areas





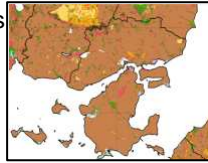
# Phase 1 Characterisation: Natural environment

Method: Identification – classification **by GIS desk study**

Geo-  
morphology



Soil types



Land form

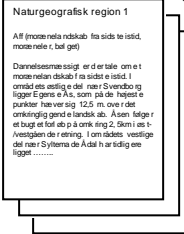


Product

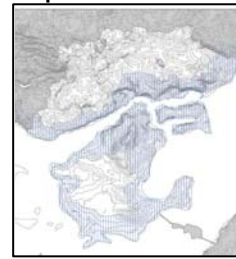
**Map of Natural regions**



**Description of natural environment of regions**



**Map of coastal foreland**



# Phase 1 Characterisation: Cultural environment

Method: Identification – classification **by GIS desk study**

Land  
cover  
1:25.000



Land  
cover  
Orthofotos



Historic  
patterns



Product

**Map of preliminary  
landscape character areas**



**Description of characteristics in land cover/use**

- Vegetation
- Settlement patterns - buildings
- Roads and technical installations
- Heritage – historical patterns/elements

**Origin + time depth of landscape character  
Key functions**



# Phase 1 Characterisation: Visual features

Method: Visual analysis - Field survey



Digital Survey sheets



Product



Egense Farming Plain

Character area and its visual aspects:

- Final definition of landscape character area
- Characteristic features: elements, spatial structure and visual aspects
- Areas of special visual importance
- Disturbing elements



# Phase 1 Characterisation: Map and description of landscape character areas

Method/product : Final mapping + description of character areas

Map of Svendborg Municipality:  
7 Character areas



Landscape character description of 7 character areas





## Phase 2: Making judgements

Landscape character: strenght

Visual qualities

Condition

Sensitivity



## Phase 2: Making judgements

Within character area: judgement of character / mapping of sub-areas as to:

**Character strength:**  
Existance/appearance of key characteristics

**Visual qualities:**  
+ other perceptional qual

**Condition of charact.:**  
- authenticity  
- maintenance  
- disturbances

**Sensitivity of character:**  
to development & change

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




## Phase 3: Landscape strategy

Zoning and policy objectives  
Guidelines for actions and initiatives

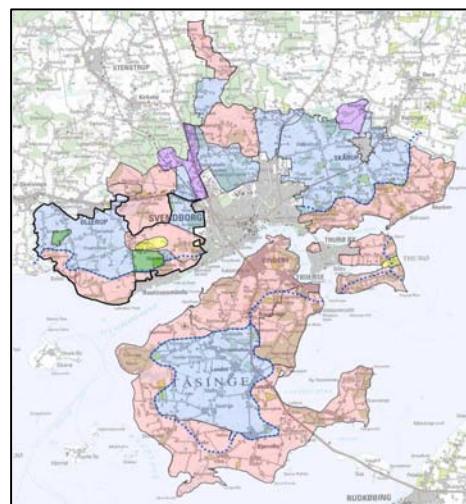


## Phase 3: Landscape strategy

For the municipality's landscapes:  
**Zoning and policy objective:**

-  **Protect**
-  **Protect/enhance**
-  **Maintain**
-  **Maintain/enhance**
-  **Change**
-  **Character area**
-  **Coastal foreland boundary**

For each character area:  
**Proposed actions for protection and development of landscape character and quality**







## Phase 4: Implementation of strategy

The municipal plan  
Main structure  
Guidelines and framework



## Phase 4: Implementation

Coordination of landscape strategy with other planning themes - and inclusion in municipal plan



### Landscape

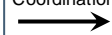
Mapping  
Judgement  
Strategy

+

### Other themes

Urban development  
Afforestation  
Nature protection  
Etc.

Coordination

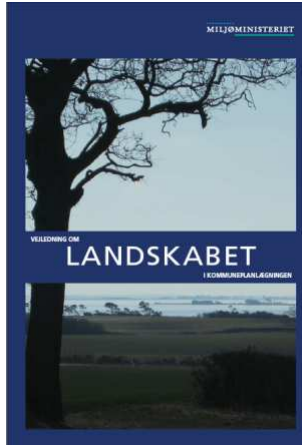


### Municipal plan

Main structure  
Guidelines, *e.g.*  
*Valuable landscapes*  
Framework for local planning



## The Danish LKM guidance 2007 for municipal planning



### National Planning Report for Municipal plan 2009:

- LKM recommended to municipalities  
but not compulsory



## The Danish LKM – very first experiences

So far only LKM-action in a few municipalities!

### Hindrances?

- No demand for replacement/renewal of Counties' 2005 planning until landscape designations threatened/alterd
- No national LKM-mapping, no further action from the state
- Many new compulsory planning tasks in municipalities
- An "expert method" – but few LKM-trained practitioners



## The Danish LKM

– Conclusion for a successful implementation?

### Need for:

- **Training:** Professional courses on LKM
- **Network,** organised gathering of LKM experiences...
- **LKM coordination** with other planning themes
- Development/use of **LKM at other levels/planning tasks**
- **Support from national agencies**
- **Participation in LKM**
- **Time & resources!**



Thanks for your attention !

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