

# BASEMAP

Technical documentation of a model for elaboration of a land-use and land-cover map for Denmark

Technical Report from DCE – Danish Centre for Environment and Energy

No. 11

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# Data Sheet

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Abstract: Although detailed geographical data are increasingly available, for Denmark, no current nationwide map for land cover and land use exists. Therefore the main aim of the Basemap is to combine existing thematic geographic information to establish a map for land cover and land use in Denmark. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes description of input data, pre-processing of input data and spatial modelling. In a future perspective, this will ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.

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## Preface

The main aim of the Basemap is to establish a nationwide map for land cover and land use in Denmark. The map, which is created by the Department of Environmental Science at Aarhus University and the Department of Geography and Geology at the University of Copenhagen, combines existing thematic information for land use and land cover. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes description of input data, pre-processing of input data and spatial modelling. All data-processing and spatial modelling is embedded in ArcGIS 10 model builder. In a future perspective, this will ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.

This report contains descriptions of:

- applied input data
- pre-processing of input data
- model for combination of input data
- post-processing of model-output

An aggregated version of the Basemap with 36 land-use/land-cover classes can be assessed at: <http://gis.au.dk/Basemap>

## Summary

Although detailed geographical data are increasingly available, for Denmark, no current nationwide map for land cover and land use exists. Therefore the main aim of the Basemap is to combine existing thematic information for land use and land cover to establish a map for land cover and land use in Denmark. Applied input data include topographic data, data from nature management and nature monitoring and field parcel maps for agricultural land use. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes detailed descriptions of input data, of the applied pre-processing of input data and of the applied spatial modelling. Existing applications of the Basemap include the development of a land use/land cover map for estimations of effects of climate change; estimations of superior land use and land cover classes and calculations of connectivity between semi-natural habitats and extensive agricultural land use. The transparency of the applied methodology will, in a future perspective, ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.



## Sammenfatning

Selv om detaljeret geografisk information i stigende grad er tilgængelig, findes der intet aktuelt nationalt kort over arealanvendelse og arealdække for Danmark. Formålet med Basemap er derfor at kombinere eksisterende geografisk information til et samlet kort over arealanvendelse og arealdække for Danmark. Anvendte data omfatter topografiske data, data fra naturforvaltning og monitoring samt markkort for landbrugets arealanvendelse. Et yderligere formål med Basemap er at sikre fuld gennemsigtighed af den anvendte metode. Dette omfatter beskrivelse af anvendte data, dokumentation af oparbejdning af anvendte data samt af den udviklede rumlige modellering. Basemap bliver allerede anvendt til en række formål. Eksisterende anvendelser omfatter udvikling af et arealanvendelses og arealdækkkort til vurdering af effekter af klimaændringer; estimering af overordnede arealanvendelses- og arealdækkklasser samt analyser af rumlig sammenhæng mellem halvkulturarealer og ekstensive landbrugsarealer. Gennemsigtigheden af den anvendte metode vil gøre det lettere i fremtiden at udarbejde nye versioner af kortet baseret på opdaterede data. Derudover muliggør det, at anvendte data og den rumlige modellering kan varieres og tilpasses alternative anvendelser og forskningsbehov.

# 1 Input datasets

In the following section all input datasets, which are applied to the Basemap are presented. The term dataset refers to collections of data, originating from one source and produced and supplied by one institutional body. The term object type refers to individual land-cover/land-use classes. One dataset can contain multiple object types. The applied datasets and object types, which are selected for the Basemap, are listed in Appendix 1. The terms geometric precision refers to the precision of demarcation of object types, while the term thematic precision refers to the precision and detail of assignment of objects to land-use and land-cover types.

## 1.1 Topographical database

The national topographic database (KORT10) is supplied by the National Survey and Cadastre of Denmark. KORT10 is based on orthophotos and in-situ observations, which have been manually digitized into pre-defined classes. KORT10 contains 8 superior classes (buildings, build-up, traffic, technical, nature, hydrology, administrative and other), covering a total of 60 object types. Thorough technical documentation of the classes is provided, specifying geometric and mapping properties (FOT 2012). Geometric precision of KORT10 is very high, exceeding precision of the other applied datasets. Thematic precision is high for object types related to urban land uses and infrastructure, but generally low for object types related to habitat types. For the Basemap 33 object types are selected. While most selected classes originate from the 2011 version of KORT10 (National Survey and Cadastre 2011), some classes, which in the 2011 version were not available nationwide, originate from the 2009 version of KORT10 (National Survey and Cadastre 2009). Since KORT10 is updated with a five years' rotation, the oldest applied object types from the 2009 version do in fact represent the year 2004.

## 1.2 Management plans for state forests

Approximately 4.5 % of the Danish terrestrial area is composed of state forests, which are managed by the Danish Nature Agency. These areas consist primarily of forested land and other habitat types. For these areas a census mapping has been conducted (Danish Nature Agency 2012). The map, which is based on in situ observations, covers 85 object types. Both geometric and thematic precision is high. The most current dataset from May 2012 is applied.

## 1.3 Management plans for defence holdings

Approximately 0.6 % of the Danish terrestrial area is composed of defence holdings, owned and managed by the Danish Defence. These areas consist primarily of a mixture of forest and other habitat types. As for state forests a census mapping has been conducted for these areas (Danish Defence 2011). The map covers 74 object types. As for management plans for state forests, geometric and thematic precision is high. The most current dataset from November 2011 is applied.

## 1.4 Map of protected habitat types

The map of protected habitats is a national registration of habitats, which, according to the § 3 in the Danish Nature Protection Act (Danish Ministry of the Environment 2009), are protected against direct physical changes. The

map contains six habitat types: freshwater meadows, dry meadows, coastal meadows, heather, bogs/mires and lakes/ponds. Habitats are registered if they fulfil specific biophysical criteria (mainly soil conditions and vegetation composition) and if single habitat patches or patches that are spatially connected have a total area of at least 2,500 m<sup>2</sup> (100 m<sup>2</sup> for ponds) (Danish Agency for Spatial and Environmental Planning 2009). The Danish municipalities are responsible for the maintenance of the mapping. The methods used to identify and categorize habitat types vary across the country, but are generally a combination of in situ observation and air-photo interpretation. For the Basemap the most current dataset from May 2012 is applied (Arealinformation 2012).

### **1.5 Natura2000 habitat types**

This dataset (also called DEVANO-map) is mapped by the Danish municipalities and covers all habitat types included in the EU-habitat directive (Directive 1992/43/EC) and located within Natura2000 designated areas, which comprise approximately 7.5 % of the Danish land area. The data set, which is based on in-situ observations combined with air-photo interpretation, includes 23 habitat types represented as 23 object types. For the Basemap, the 2007 version of the map is applied (Arealinformation 2007).

### **1.6 Field-parcel map**

The agricultural information applied to the Basemap is based on data from the Integrated Administration and Control System (IACS), which is derived from the Danish agricultural register for 2010 (Ministry of Food, Agriculture and Fisheries 2011a). The register is updated annually and since 1998 Danish farmers have been obliged to provide detailed georeferenced information on area and type of land use for each agricultural field. Data are reported with reference to the specific field parcel for which agricultural subsidy applications are made. The register contains a total of 266 land-use classes represented as 266 object types in the Basemap. The field parcel map represents approx. 95 % of all agricultural land in Denmark.

### **1.7 Field-block map**

The field block map (Ministry of Food, Agriculture and Fisheries 2011b) is used for administration of EU-subsidies. The field block map demarcates land within which farmers can apply for EU-subsidies. One field block can contain up to 10 individual field parcels. For the Basemap, the field block map is applied as an addition to the field-parcel map to represent agricultural land, where no field parcels are registered.

## 2 Data processing

### 2.1 Re-classification of input data

In the original input datasets, codes for object types are diverse and range from text strings to numbers. In order to keep the original object types, for the Basemap each object type from each input dataset is assigned an individual object code. The code consists of a string with six numbers. The first number refers to the data source (e.g. five for KORT10) the next four numbers to the object type (e.g. 2312 for railway) and the last number to an eventual sub-classification (e.g. two for railway with one or more parallel railway tracks). The application of this code means that, for instance lakes from KORT10 have a different code than lakes from the map of protected habitats or lakes from management plans for state forests. In total, 488 object types are applied to the Basemap. Original object codes, assigned object codes and object names appear from the table in Appendix 1.

### 2.2 Elimination of topology errors

Apart from object types extracted from KORT10, all input data are vitiated by topology errors, such as spatial overlap between individual object types within one dataset. For example in the map of protected habitat types, lakes are often registered on top of other habitat types. These topology errors are eliminated applying the method, which is described in Figure 2.1.

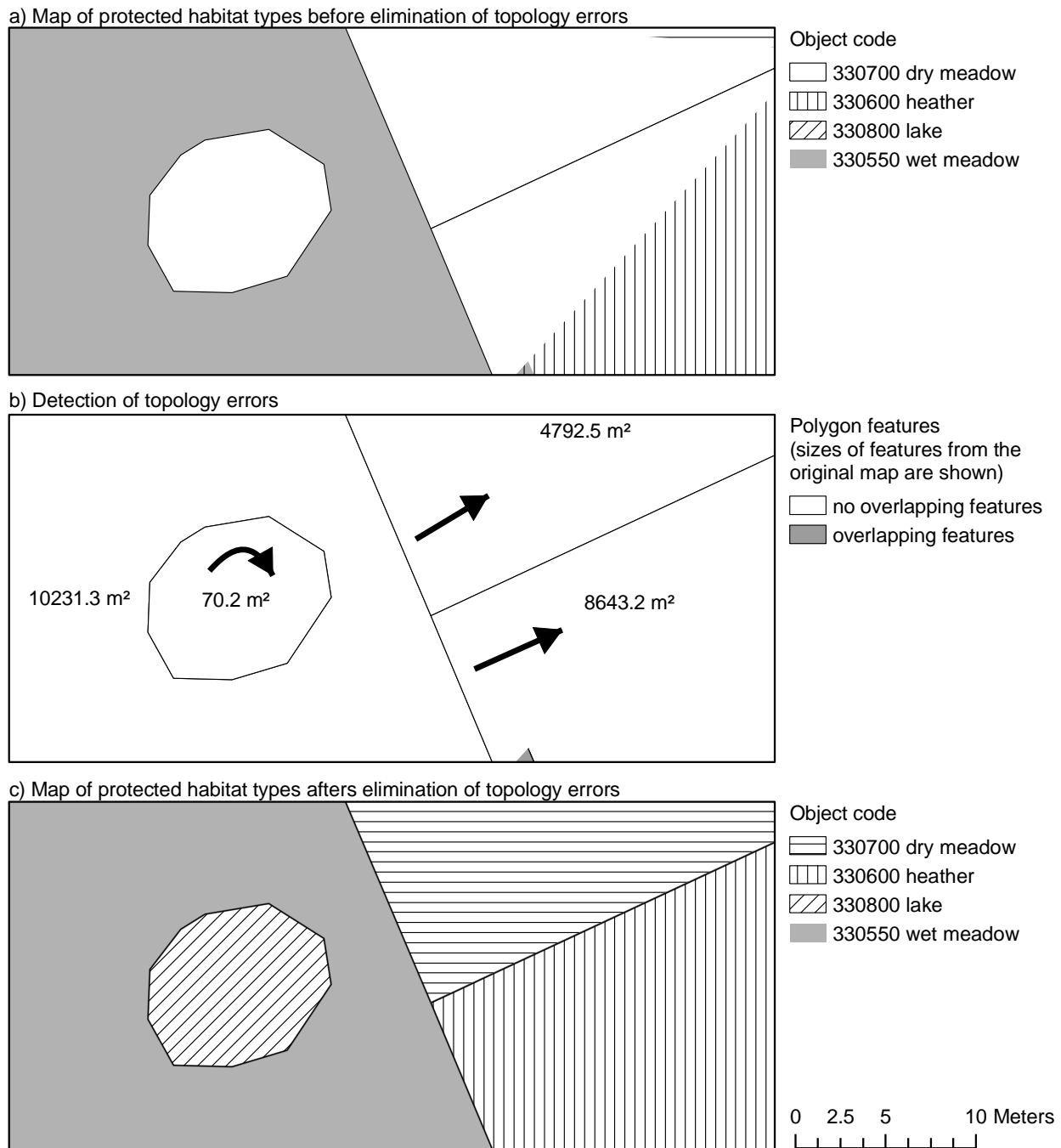


Figure 2.1 Method for elimination of topology errors illustrated for a segment of the map of protected habitats. Through conversion of the original polygon features (Figure 2.1a) to line features, and subsequently again to polygon features, all overlaps between features are transformed to individual features (Figure 2.1b). Overlapping features (topology errors) are assigned to the neighbouring, not overlapping feature with the smallest size (illustrated with arrows). In the output map (Figure 2.1c), topology errors are eliminated.

## 2.3 Pre-processing

### 2.3.1 Selection of lakes from KORT10

Both KORT10 and the map of protected habitats include a national registration of the object type lake. Some 60 % of lakes from KORT10 overlap with lakes from the map of protected habitats and are thus registered in both datasets. To prevent inclusion of overlapping lakes, only lakes from KORT10,

which are not registered in the map of protected habitats (i.e. do not intersect), are included in the Basemap. The selection is illustrated in Figure 2.2.

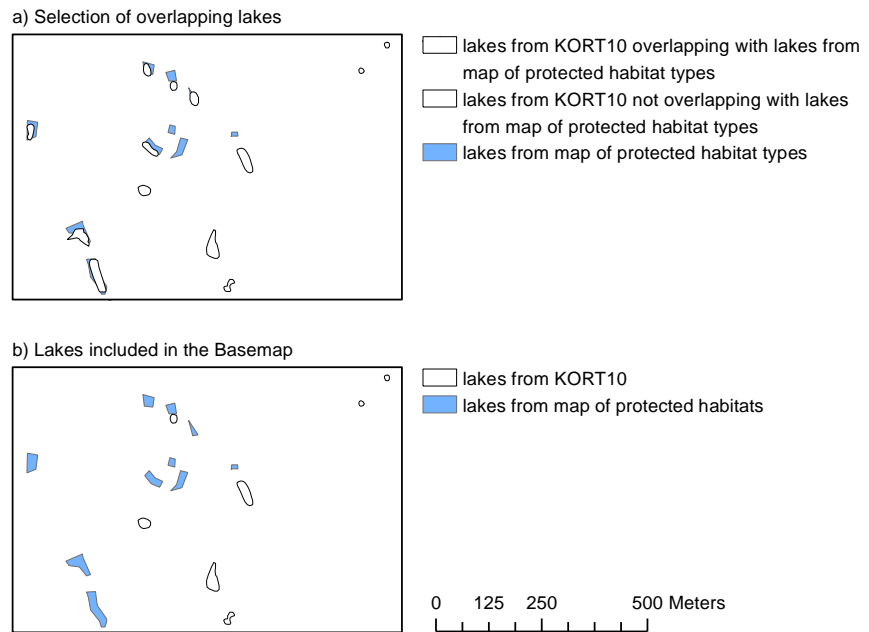


Figure 2.2 Illustration of selection of lakes for the Basemap. Lakes from KORT10, which overlap with lakes from the map of protected habitats are selected (Figure 2.2a) and subsequently excluded from the dataset (Figure 2.2b).

### 2.3.2 Sub-classification of railways

The object type railway is in KORT10 represented as one line feature for each railway track. For analyses of e.g. habitat connectivity it is relevant to include information about whether a railway line represents one track or two or more parallel tracks, which can be assumed to a higher degree to form barriers for species' movement. All railway lines are therefore sub-classified into lines with one track and lines with two or more parallel tracks. The methodology for sub-classification is illustrated in Figure 2.3.

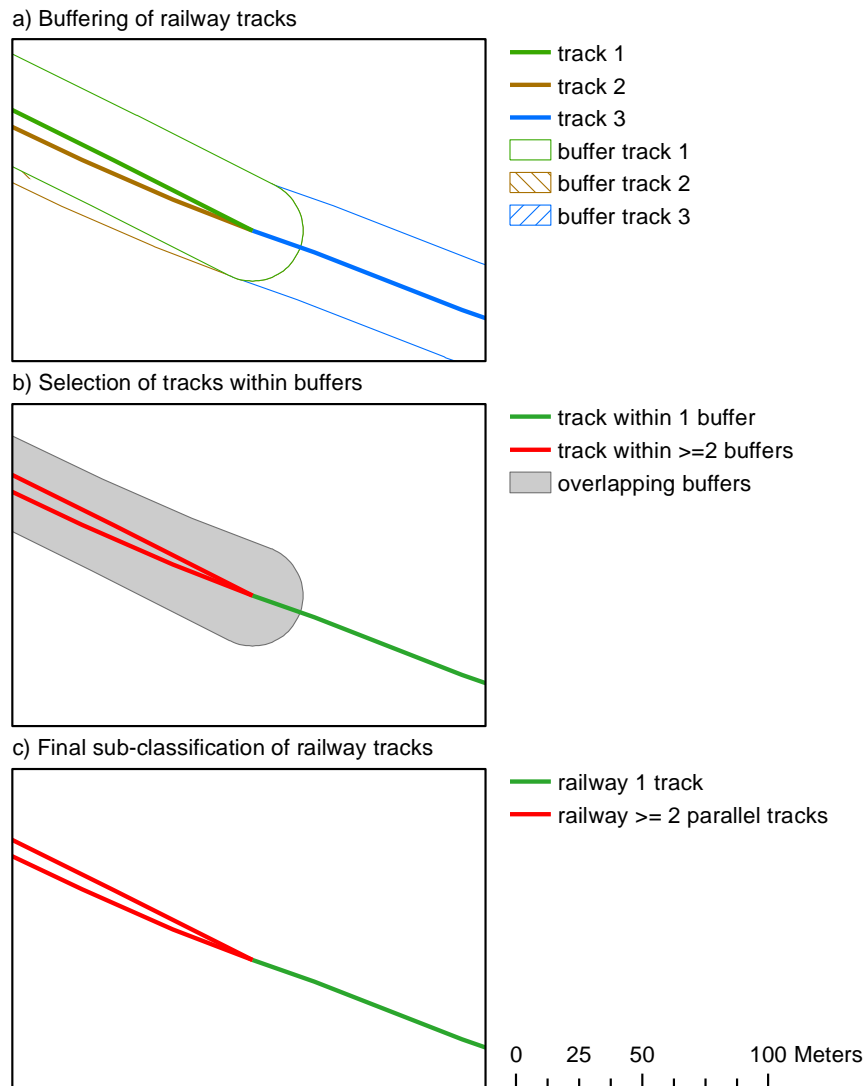


Figure 2.3 Illustration of method for sub-classification of railway tracks. All railway features are individually buffered with a width of 20 meters (Figure 2.3a). Buffers are overlaid and tracks, located within areas, where  $\geq 2$  buffers overlap, are selected (Figure 2.3b). Figure 2.3c shows the final sub-classification of railway tracks.

## 2.4 Conversion from vector- to raster-format

All input datasets are converted to raster format with a cell-size of 10x10 meters. The “feature to raster” tool is applied. In case of datasets, which contain more than one object type, the tool always uses the cell centre to decide the value of a raster pixel. For KORT10, each of the 33 included object types are converted into individual raster datasets. Figure 2.4 illustrates conversion from vector to raster format for the field parcel map. Subsequently, all pixels with no value, i.e. pixels where input vector datasets do not contain information, are converted to 0.



Figure 2.4 Conversion from vector to raster format, exemplified for the field parcel map.

## 2.5 Overlay

All 34 input raster datasets are combined (overlaid) into one Basemap. For the combination, rules are set up for how the single datasets (for KORT10 one dataset for each object type) should dominate each other. Dominance rules are based on an evaluation of the single dataset's geometric and thematic precision and on its relevance for the Basemap. How the single datasets dominate each other appears from Table 2.1. In principle, management plans for state forests and for defence holdings are given the highest dominance, followed by infrastructure and build-up types from KORT10 and subsequently by habitat types originating from different source. Lowest priority is given to the field parcel map and finally to the object types "land" and "sea" from KORT10. The combination of the different datasets is also schematically illustrated in Figure 2.5.



Table 2.1 Prioritisation of datasets for combination into one Basemap.

Priority	Datasets (for KORT10 object types)	Source
1	Management plans for state forests	Danish Nature Agency
2	Management plans for defence holdings	Danish Defence
3	Runway	KORT10
4	Highway	KORT10
5	Secondary highway	KORT10
6	Railway	KORT10
7	Road > 6 meters width	KORT10
8	Road 3-6 meters width	KORT10
9	Other road	KORT10
10	Trail	KORT10
11	Lake	KORT10
12	Basin	KORT10
13	Stream	KORT10
15	Stream bank	KORT10
16	Parking lot	KORT10
17	City centre	KORT10
18	Low built up	KORT10
19	High built up	KORT10
20	Building	KORT10
21	Technical area	KORT10
22	Industry	KORT10
23	Harbour	KORT10
24	Recreation area	KORT10
25	Sports ground	KORT10
26	Cemetery	KORT10
27	Resource extraction	KORT10
28	Map of protected habitats	Municipalities
29	Natura2000 habitat types	Municipalities
30	Forest	KORT10
31	Wetland	KORT10
32	Heather	KORT10
33	Sand / dune	KORT10
34	Field parcel map	Ministry of Food, Agriculture and Fisheries
35	Land	KORT10
36	Sea	KORT10

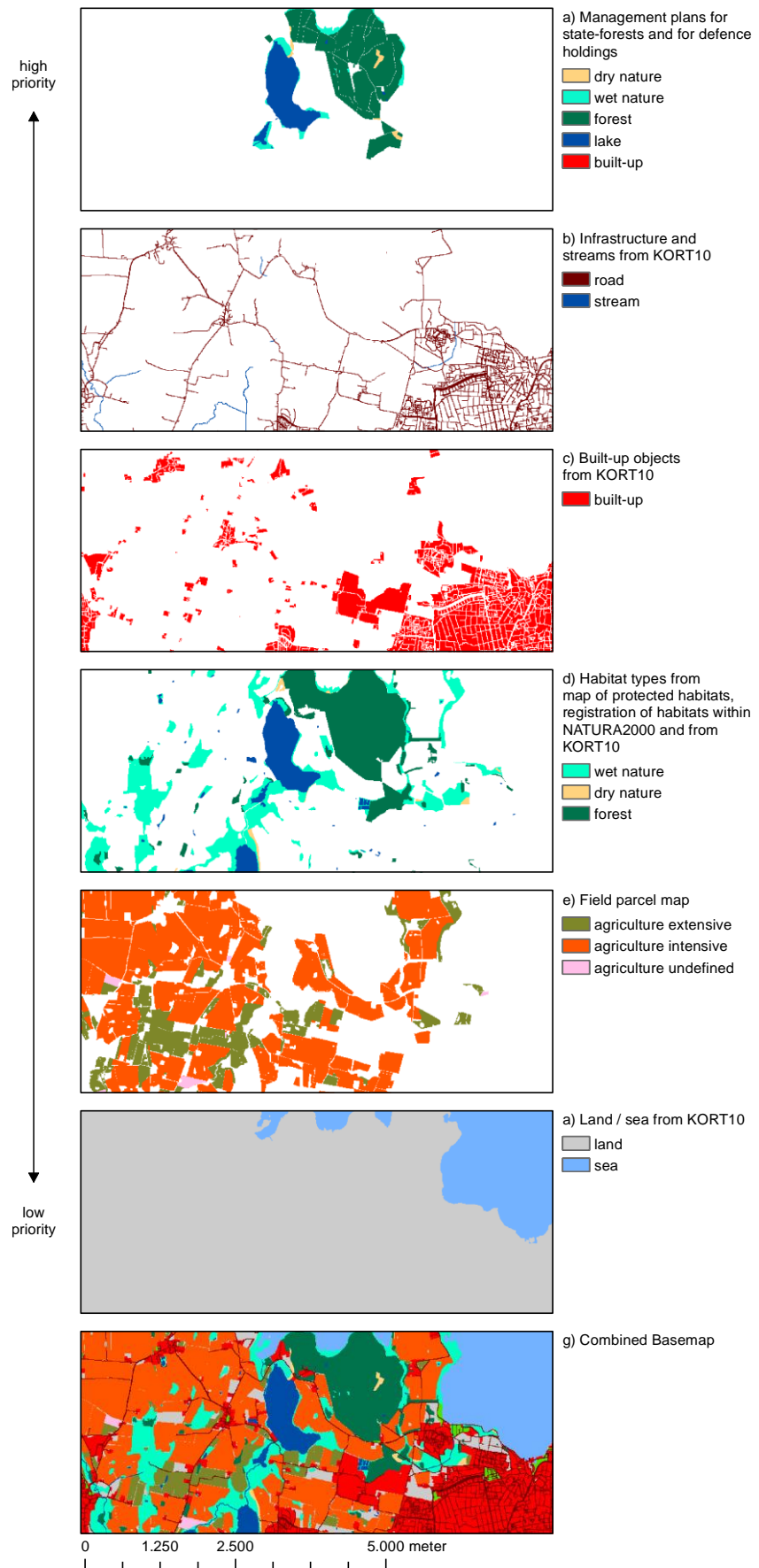


Figure 2.5 Illustration of how input datasets are combined into one Basemap.

## **2.6 Post-processing**

The combined Basemap contains a total of 464 individual object types. As a consequence of the generalisation introduced by conversion from vector to raster format and due to differences in demarcation of object types between the different input datasets, some inappropriate topological situations appear. Furthermore, approximately 5.9 % of the terrestrial area is assigned to the object type land (object code 560,000) from KORT10. In fact, these areas remain unclassified, since none of the applied input-datasets contain any information about land use or land cover for these areas. In order to reduce biases from inappropriate topological situations and to reduce the proportion of unclassified areas, a post-processing of the Basemap is applied. The post-processing steps are described in the following sections.

### **2.6.1 Elimination of roads, streams and buildings from management plans**

The “feature to raster” tool, which is applied for conversion from vector format to raster format, poses a problem for the object types: roads (object codes 121000 and 221000), trail (object code 122010) and stream (object codes 112000 and 212000) from the management plans for state forests and for defence holdings. As the tool always uses the cell centre to decide the value of a raster cell, roads and streams, which in the input datasets are represented as polygon features, are in the produced raster often interrupted. Therefore, roads, trails and streams originating from management plans are eliminated and subsequently replaced with the corresponding object classes from KORT10.

Elimination is done using the focal statistics tool. The tool calculates for each input cell location a statistic of the values within a specified neighbourhood around it. All cells, which are selected for elimination, are assigned the value 0. Subsequently, for all cells with value = 0, the maximum value of neighbouring cells is calculated using a rectangular search radius of 3x3 cells. The maximum value is then assigned to the input cell. This method, which is generally applied for elimination of cells in the other post-processing steps, is illustrated in Figure 2.6. Figure 2.7 illustrates how roads originating from management plans are eliminated and subsequently overlaid with roads from KORT10.

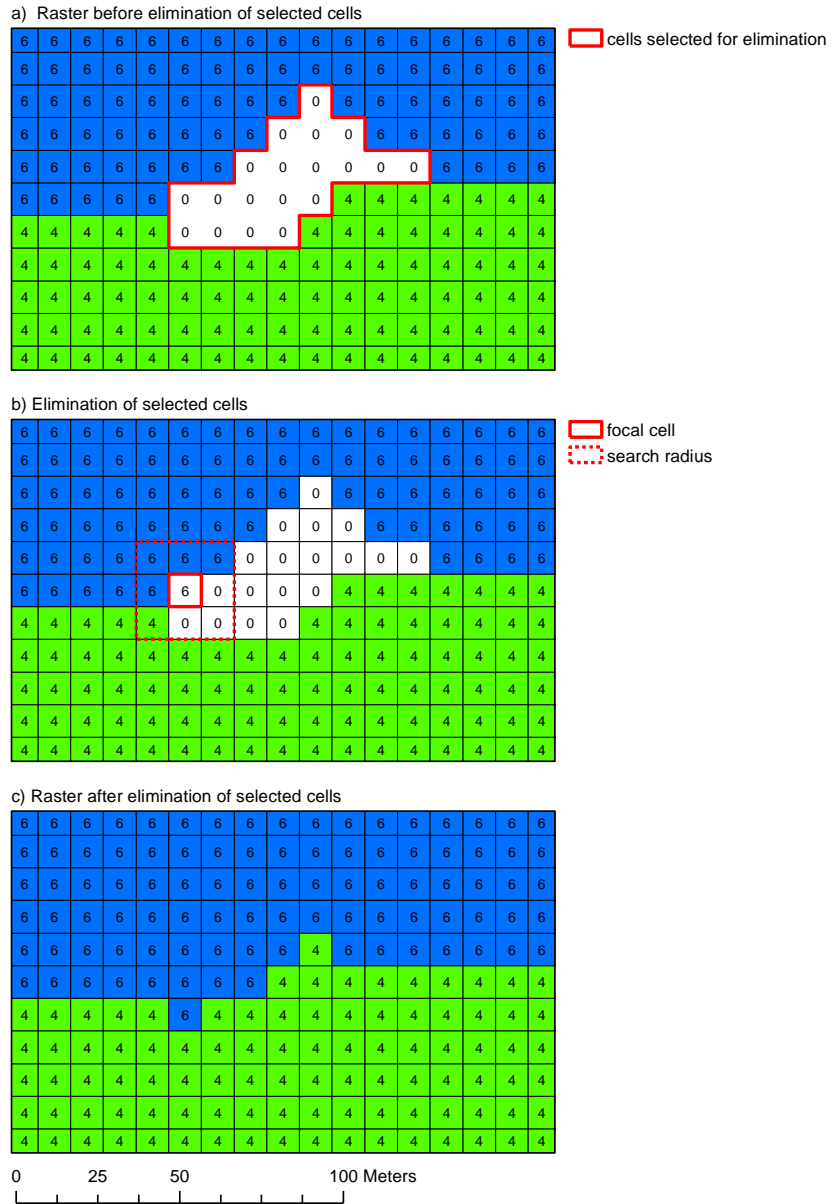


Figure 2. 6 Illustration of method for elimination of selected cells. Figure 2.6a: Cells for elimination are selected and given value = 0. Figure 2.6b: For cells with value = 0, the maximum value within a rectangular search radius of 3x3 cells is calculated and assigned to the cell. Figure 2.6c: Final raster where all cells for elimination are assigned new values.

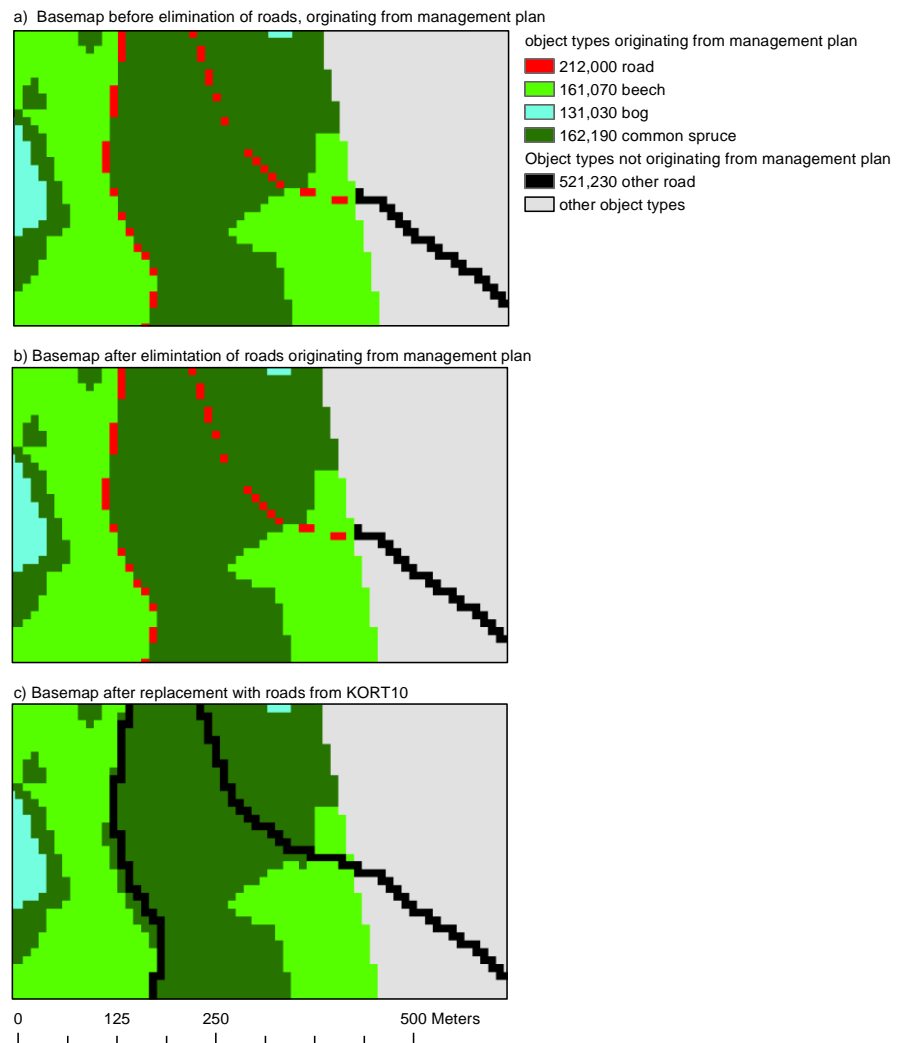
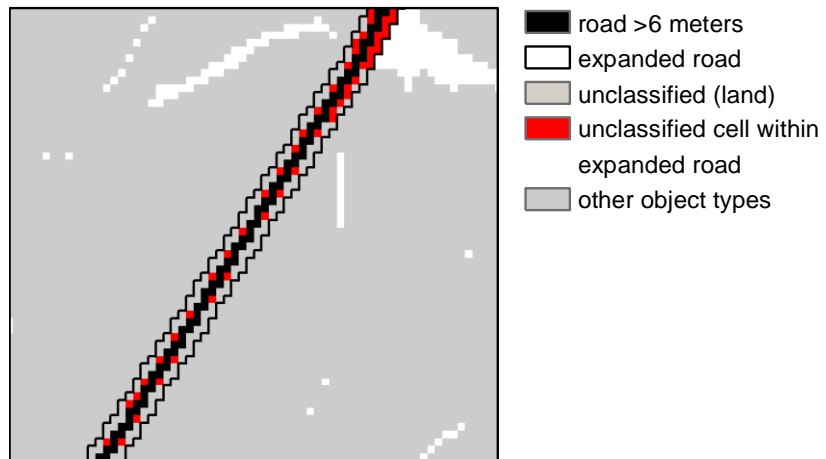


Figure 2.7 Illustration of elimination of roads from management plans for state forests. Roads originating from management plans are selected (Figure 2.7a) and assigned to neighbouring object types from management plans (Figure 2.7b). Subsequently, management plans are overlaid with roads from KORT10 (Figure 2.7c).

### 2.6.2 Elimination of unclassified cells adjacent to roads

In KORT10, the object type road is represented as a line feature. As a consequence, in the raster format, which has a cell size of 10x10 meters, roads with a width > 6 meters, are typically underrepresented. Therefore, all roads with a width > 6 meters (object types: 521110 highway, 521120 secondary highway and 521150 road > 6 meters) are expanded by 10 meters (1 cell) to each side. Unclassified cells, which are located within this expansion, are assigned the value for the expanded object type. The methodology is illustrated in Figure 2.8. After this processing, the proportion of unclassified cells is reduced to 5.7 %.

a) Basemap before elimination of unclassified cells within 10 meters from roads > 6 meters width



b) Basemap after elimination of unclassified cells within 10 meters from roads > 6 meters width

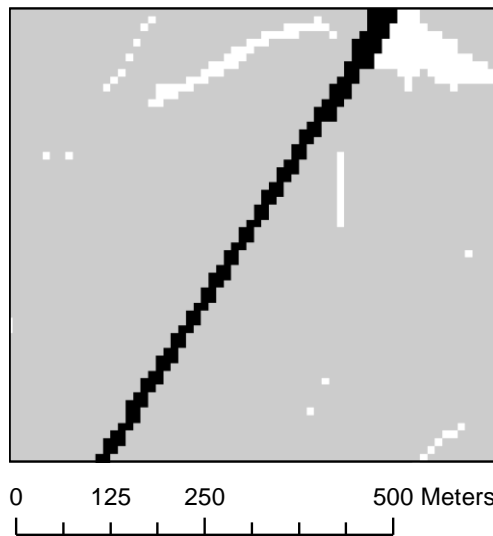


Figure 2.8 Illustration of method for elimination of unclassified cells adjacent to roads. All roads with a width > 6 meters are expanded by 1 cell (10 meters). Unclassified located within the expanded roads are selected (Figure 2.8a) and subsequently assigned the value of the road (Figure 2.8b).

### 2.6.3 Elimination of unclassified cells at coastline

Many of the remaining areas with unclassified cells are characterised by an organically narrow shape (i.e. have a width of maximum two cells). These unclassified areas are the consequence of uncoordinated demarcation of the original input-datasets, rather than being actually unclassified. Therefore these unclassified areas are detected and subsequently eliminated. For detection, all areas with unclassified cells are first shrunk by one cell, and subsequently expanded by one cell. Areas, which disappeared, have a width of less than two cells (20 meters) and are selected for subsequent elimination. Detection of narrow unclassified areas is illustrated in Figure 2.9.

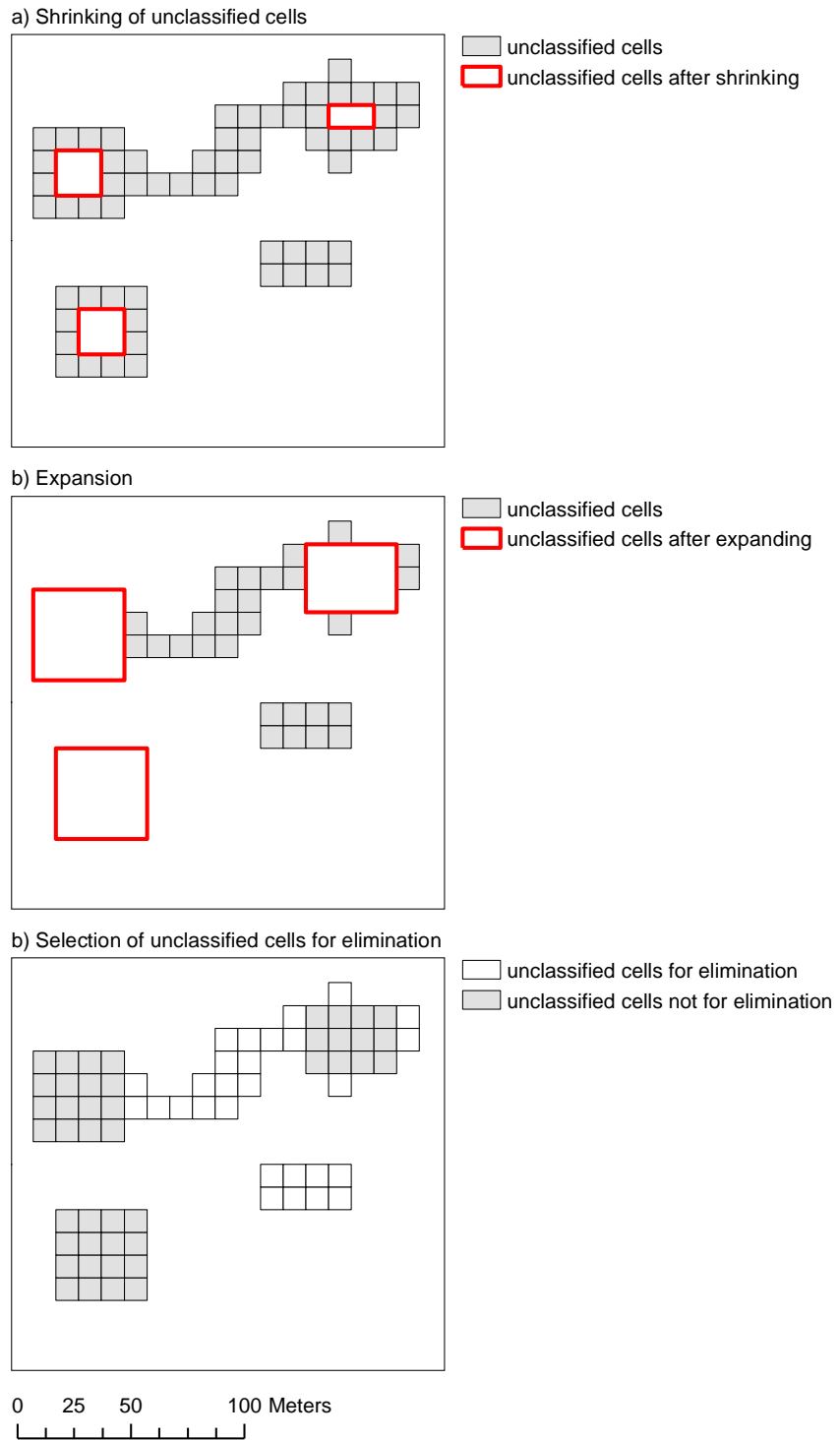


Figure 2.9 Illustration of method for detection of narrow areas with unclassified cells. All areas with unclassified cells are shrunk by one cell (Figure 2.9a) and subsequently expanded by one cell (Figure 2.9b). Cells, which are outside the expanded areas have a maximum width of two cells (20 meters) and are selected for elimination.

Many of the selected narrow areas with unclassified cells are located along the coast, and are presumably characterised by sand- or gravel- and stone-dominated beaches. Apart from larger sandy beaches, which are included in the object type 561,420 sand/dune from KORT10 and from object type 132,080 beach from the management plans for state forests, beaches are not included in the applied input datasets. In order to have a better representation of beaches, the object type 571,100 coast is assigned to all narrow un-

classified areas, which intersect with the object type coastline from KORT10. After elimination of narrow areas with unclassified cells along the coastline, the total proportion of unclassified cells is reduced to 5.6 %. The methodology is illustrated in Figure 2.10.

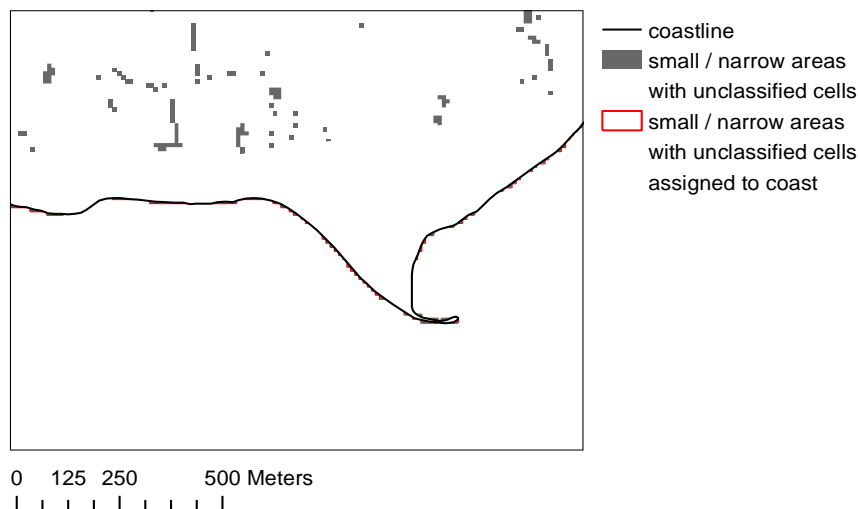


Figure 2.10 Illustration of elimination of unclassified areas at the coastline. Narrow areas with unclassified cells are assigned to the object type coast, if they intersect with the coastline.

#### 2.6.4 Elimination of remaining unclassified cells

In order to further reduce the influence of unclassified cells, detection of narrow areas with unclassified cells, as described in Section 2.6.3 and in Figure 2.9, is repeated. Subsequently, detected cells are assigned to surrounding object types applying the focal statistics tool as described in Section 2.6.1 and in Figure 2.7. However, those object types representing infrastructure, buildings and streams, which are evaluated to have a high geometric precision, were excluded. I.e. unclassified cells adjacent to e.g. a building cannot be assigned to this object class. Excluded object types are listed in Table 2.2. Elimination of remaining unclassified cells is illustrated in Figure 2.11. After application of this process, the proportion of unclassified cells is reduced to approximately 3.7%.

Table 2.2 Object types, which are excluded for elimination of unclassified cells.

Source	object code	object type (Danish)	object type (English)
KORT10	521110	Motorvej	Highway
KORT10	521120	Motortrafikvej	Secondary highway
KORT10	521150	Vej > 6 m	Road > 6 m
KORT10	521220	Vej 3 - 6 m	Road 3-6 m
KORT10	521230	Anden vej	Other road
KORT10	521300	Sti	Trail
KORT10	523121	Jernbane 1 spor	Railway 1 track
KORT10	523122	Jernbane >=2 spor	Railway >=2 tracks
KORT10	525430	Landbane	Runway
KORT10	532100	Bygning	Building
KORT10	571100	Kyst	Coast
KORT10	573180	Vandløb	Stream
KORT10	573190	Vandløbsbred	Stream bank



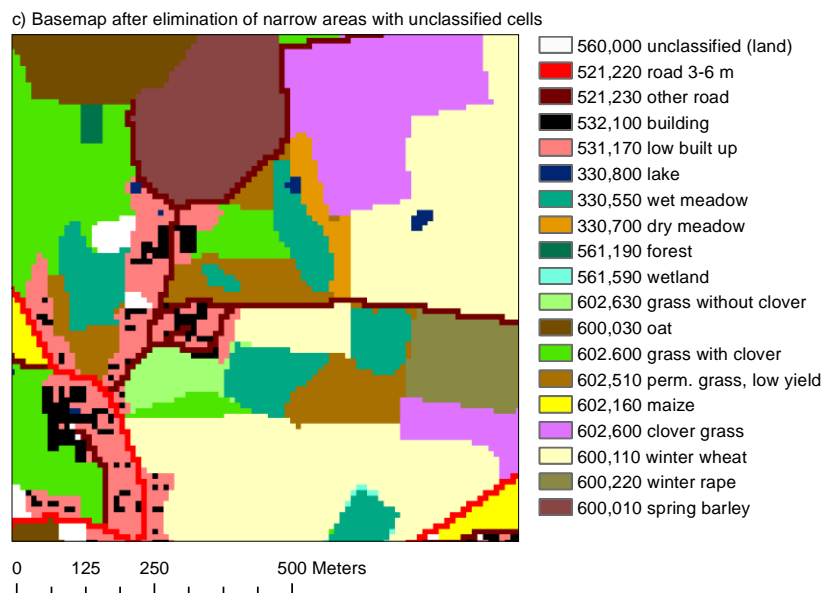
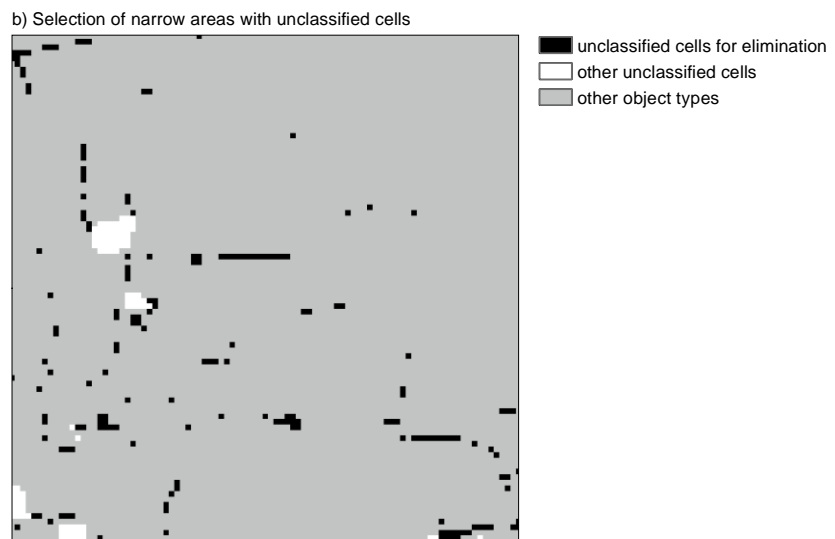
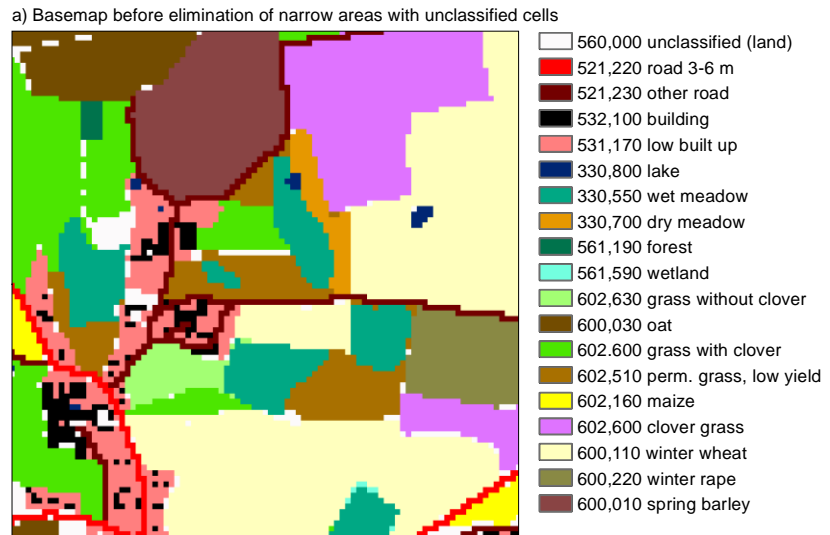


Figure 2.11 Illustration of method for elimination of narrow areas with unclassified cells. From the Basemap (Figure 2.11 a) narrow areas with unclassified cells are selected (Figure 2.11 b). Based on focal statistics, object types from adjacent cells are assigned to selected cells (Figure 2.11 c).

## 2.7 Combination with field block map

At this stage in the processing, information from the field block map is added to the Basemap. The field block map is principally a demarcation of areas within which farmers can apply for EU-subsidies. A large proportion of unclassified cells is located within the field block map and can be assumed to be characterised by agricultural land use, for which no subsidies have been applied. Therefore, the field block map is added to the Basemap. If unclassified cells are located within the field block map, these cells are assigned the object type 800,000 unknown agricultural land use. After adding the field block map, detection of narrow areas with unclassified cells, as described in Section 2.6.3 and in Figure 2.9 is repeated. Additionally, applying the same method, narrow areas with field blocks are detected. These narrow areas are assigned to surrounding object types, applying the method described in Figure 2.7. However, cells are only assigned to object types originating from the field parcel map. The methodology for adding the field block map is illustrated in Figure 2.12. After adding the field block map, the proportion of unclassified cells is reduced to 1.9% of the terrestrial area.

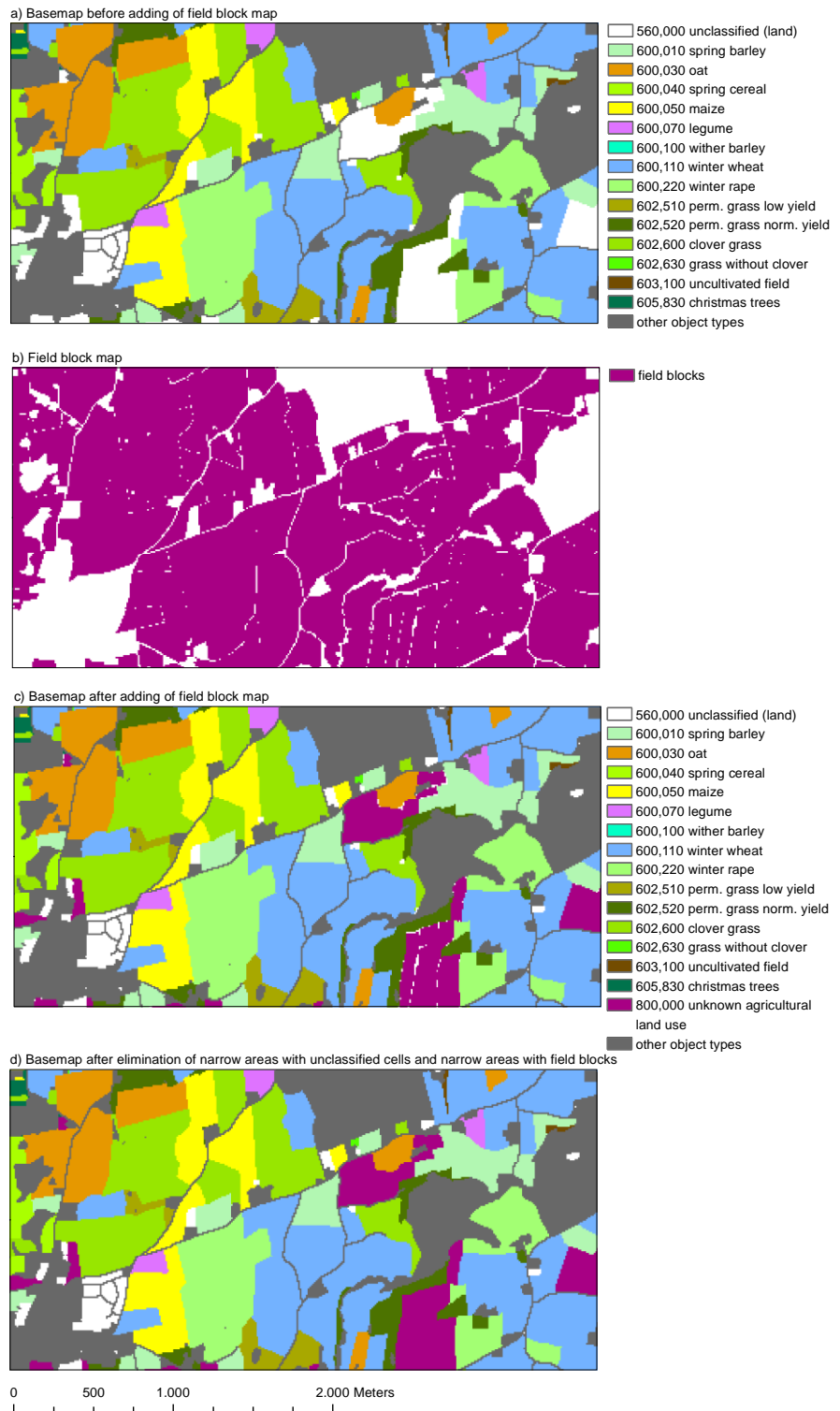


Figure 2.12 Illustration of method for combination of Basemap with field block map. Where unclassified cell in the Basemap (Figure 2.12a) are located within the field block map (Figure 2.12b), these cells are assigned to the object type 800,000 from the field block map (Figure 2.12c). Subsequently, using focal statistics, narrow areas ( $\leq 20$  meters width) with unclassified cells or with field blocks are detected and assigned to surrounding agricultural land use (Figure 2.12d).

## 2.8 Re-classification of output raster

At this stage, the Basemap still contains 460 individual object types. For further analyses and visualisations, the number of object types can be aggregated. The choice of aggregation depends of the aim and scientific purpose, to

which the map is applied. Here, an aggregation into 36 object types is presented. This aggregation aims at giving a meaningful immediate presentation of general land-use/land-cover types. How individual object types are aggregated into the 36 classes appears from the table in Appendix 1. The aggregation is also illustrated in Figure 2.13.

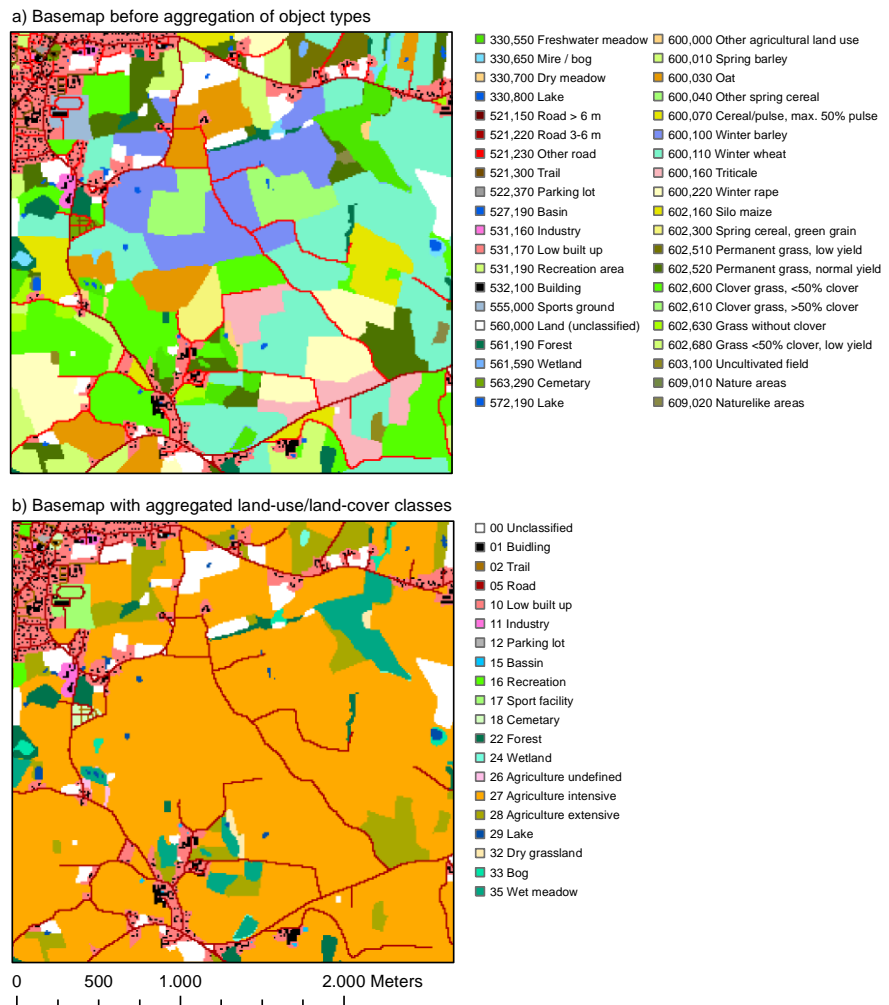


Figure 2.13 Illustration of aggregation of object types into land-use/land-cover classes. Individual object types from the Basemap (Figure 2.13a) are aggregated into meaningful land-use/land cover classes (Figure 2.13b).

### 3 Conclusion and discussion

This report aims at documenting the methodology developed to elaborate the Basemap, which is a nationwide map of land use / land cover for Denmark. The map combines existing thematic information of land use and land cover. Data processing and spatial modelling applied in this work of course imply several decisions, which affect the final output. Different data processing and spatial modelling would thus have resulted in a different output. Particularly the way how input-datasets are prioritised in the combination into one map, i.e. how datasets with high priority exclude datasets with lower priority, can be subject for discussion. However, since the methodology is kept fully transparent, the final output can always be evaluated according to the applied methodology. Furthermore, all data processing and spatial modelling steps are imbedded in ArcGIS model-builder. Therefore, alternative processing and modelling can be applied relatively easily.

Variations of the Basemap have already been applied in different contexts, such as development of a land use/land cover map for estimations of effect of climate change; estimations of superior land use and land cover classes; and calculations of connectivity between semi-natural habitats and extensive agricultural land use. Possible alternative applications of the Basemap are numerous. Furthermore, in a future perspective, other data, e.g. administrative data, such as cadastre maps or specific land use designations but also biophysical data, such as soil maps or climate data, could be included in the map.

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## Appendix 1

Dataset	Extraction year	original object code	original sub-code	Basemap object code	Basemap object name Danish	Basemap object name English	Aggregated lulc-class	Aggregated lulc-class name
Management plans for state forests	2012	AAN		100000	Anden anvendelse	Other use	0	Unclassified
Management plans for state forests	2012	SØ		111020	Sø	Lake	29	Lake
Management plans for state forests	2012	VLB		112000	Vandløb	Stream	20	Stream
Management plans for state forests	2012	HUS		120010	Hus etc.	Building	1	Building
Management plans for state forests	2012	SOM		120030	Sommerhus	Summer house/cottage	10	Low built up
Management plans for state forests	2012	CAM		120040	Campingplads	Camping site	16	Recreation
Management plans for state forests	2012	PPL		120050	Parkeringsplads	Parking lot	12	Parking lot
Management plans for state forests	2012	GOL		120060	Golfbane	Golf course	17	Sport facility
Management plans for state forests	2012	SKB		120080	Militære anlæg	Military installation	1	Recreation
Management plans for state forests	2012	PAR		120100	Park	Park / recreation ground	16	Recreation
Management plans for state forests	2012	PUB		120110	Publikumsareal	Public area	16	Recreation
Management plans for state forests	2012	RUI		120120	Ruin, gravhøj	Ruin / barrow	16	Recreation
Management plans for state forests	2012	RÅG		120130	Råstofgrav	Resource extraction	19	Resource extraction
Management plans for state forests	2012	BRP		120150	Brændeplads	Wood storage	22	Forest
Management plans for state forests	2012	GRG		120160	Grusgrav	Gravel pit	19	Resource extraction
Management plans for state forests	2012	VEJ		121000	Vej	Road	5	Road
Management plans for state forests	2012	STI		122010	Sti	Trail	2	Trail
Management plans for state forests	2012	BÆL		122020	Bæltevej	Tank track	3	Tank track
Management plans for state forests	2012	BRL		123000	Brandbælte	Fire break	4	Fire break
Management plans for state forests	2012	ENG		131010	Eng	Wet meadow	35	Wet meadow
Management plans for state forests	2012	STS		131020	Strandsump	Coastal swamp	34	Coastal meadow
Management plans for state forests	2012	MOS		131030	Mose	Mire / bog	33	Bog
Management plans for state forests	2012	STG		131040	Strandeng	Coastal meadow	34	Coastal meadow
Management plans for state forests	2012	MAR		131050	Marsk	Coastal marsh	34	Coastal meadow

<i>Continued</i>								
Management plans for state forests	2012	HED	132010	Hede	Heather	31	Heather	
Management plans for state forests	2012	KLP	132030	Klippe	Rock	23	Rock	
Management plans for state forests	2012	SLE	132040	Slette, Overdrev (Slette)	Plain	32	Dry grassland	
Management plans for state forests	2012	ORE	132050	Slette, Overdrev (overdrev)	Dry meadow	32	Dry grassland	
Management plans for state forests	2012	KLI	132060	Klit	Dune	30	Dune sand	
Management plans for state forests	2012	STB	132080	Strandbred	Beach	25	Coast	
Management plans for state forests	2012	UKU	160020	Ukultiveret areal	Uncultivated area	22	Forest	
Management plans for state forests	2012	SKR	160030	Skrænt	Hillside	22	Forest	
Management plans for state forests	2012	HEL	161010	Hvidel	Grey alder	22	Forest	
Management plans for state forests	2012	ALØ	161020	Løvtræ uden særlig kode	Not specified deciduous tree	22	Forest	
Management plans for state forests	2012	ASK	161030	Ask	Ash	22	Forest	
Management plans for state forests	2012	ASP	161040	Bævreasp	Aspen	22	Forest	
Management plans for state forests	2012	AVN	161050	Avnbøg	Hornbeam	22	Forest	
Management plans for state forests	2012	BIR	161060	Birk	Birch	22	Forest	
Management plans for state forests	2012	BØG	161070	Bøg	Beach	22	Forest	
Management plans for state forests	2012	CAS	161080	Ægte kastanie	Sweet	22	Forest	
Management plans for state forests	2012	COF	161090	Contorta	Contorta	22	Forest	
Management plans for state forests	2012	EG	161100	Eg	Oak	22	Forest	
Management plans for state forests	2012	EL	161110	El	Alder	22	Forest	
Management plans for state forests	2012	ELM	161120	Elm	Elm	22	Forest	
Management plans for state forests	2012	ÆR	161130	Ær	Great maple	22	Forest	
Management plans for state forests	2012	HAS	161140	Hassel	Hazel	22	Forest	
Management plans for state forests	2012	KAS	161160	Hestekastanie	Horse Chestnut	22	Forest	
Management plans for state forests	2012	KIR	161170	Kirsebær	Cherry	22	Forest	
Management plans for state forests	2012	KRI	161190	Kristtorn	Holly	22	Forest	
Management plans for state forests	2012	LIN	161200	Lind	Lime	22	Forest	
Management plans for state forests	2012	LØN	161210	Spidsløn	Norway maple	22	Forest	
Management plans for state forests	2012	PIL	161220	Pil	Willow	22	Forest	
Management plans for state forests	2012	POP	161230	Poppel	Poplar	22	Forest	



<i>Continued</i>							
Management plans for state forests	2012	REG	161240	Rødeg	Red oak	22	Forest
Management plans for state forests	2012	REL	161250	Rødel	Common alder	22	Forest
Management plans for state forests	2012	RØN	161260	Røn	Mountain ash	22	Forest
Management plans for state forests	2012	KRT	161280	Krat	Scrub	22	Forest
Management plans for state forests	2012	JAL	162010	Japansk lærk	Japanese larch	22	Forest
Management plans for state forests	2012	AGR	162020	Grandis	Grandis	22	Forest
Management plans for state forests	2012	ANÅ	162030	Nåletræ uden særlig kode	Not specified coniferous tree	22	Forest
Management plans for state forests	2012	AVE	162040	Veitchii	Veitchii	22	Forest
Management plans for state forests	2012	BJF	162050	Bjergfyr	Mountain pine	22	Forest
Management plans for state forests	2012	CRY	162060	Cryptomeria	Cryptomeria	22	Forest
Management plans for state forests	2012	CYP	162070	Cypres	Cypress	22	Forest
Management plans for state forests	2012	DGR	162080	Douglas	Douglas fir	22	Forest
Management plans for state forests	2012	EUL	162090	Europæisk lærk	European larch	22	Forest
Management plans for state forests	2012	FBF	162100	Fransk bjergfyr	French mountain pine	22	Forest
Management plans for state forests	2012	ÆGR	162110	Almindelig ædelgran	Common silver fir	22	Forest
Management plans for state forests	2012	HYL	162120	Hybridlærk	Hybrid larch	22	Forest
Management plans for state forests	2012	WEY	162130	Weymouthsfyr	Weymouth pine	22	Forest
Management plans for state forests	2012	LÆR	162140	Lærk	Larch	22	Forest
Management plans for state forests	2012	NGR	162150	Nordmannsgran	Norman spruce	22	Forest
Management plans for state forests	2012	NOB	162160	Nobilis	Nobilis	22	Forest
Management plans for state forests	2012	OMO	162170	Omorika	Omorika	22	Forest
Management plans for state forests	2012	ØSF	162180	Østrigsk fyr	Austrian pine	22	Forest
Management plans for state forests	2012	RGR	162190	Rødgran	Common spruce	22	Forest
Management plans for state forests	2012	SGR	162200	Sitagrån	Sita spruce	22	Forest
Management plans for state forests	2012	SKF	162210	Skovfyr	Scottish pine	22	Forest
Management plans for state forests	2012	THU	162220	Tuja	Thuja	22	Forest
Management plans for state forests	2012	TSU	162230	Tsuga	Hemlock	22	Forest
Management plans for state forests	2012	HGR	162240	Hvidgran	White spruce	22	Forest
Management plans for state forests	2012	AGE	170010	Ager	Field	27	Agriculture intensive

<i>Continued</i>								
Management plans for state forests	2012	PSK		170020	Planteskole	Forest nursery	27	Agriculture intensive
Management plans for state forests	2012	GRÆ		171010	Slette, Overdrev (græsset)	Grazed plain	32	Dry grassland
Management plans for state forests	2012	VAG		171020	Vildtager	Gaming area	28	Agriculture extensive
Management plans for defence holdings	2011	AAN		200000	Anden anvendelse	Other use	0	Unclassified
Management plans for defence holdings	2011	BRD		211010	Branddam	Static water tank	15	Basin
Management plans for defence holdings	2011	SØ		211020	Sø	Lake	29	Lake
Management plans for defence holdings	2011	VLB		212000	Vandløb	Stream	20	Stream
Management plans for defence holdings	2011	HUS		220010	Hus etc.	Building	1	Building
Management plans for defence holdings	2011	KLK		220020	Areal omkring bebyggelse	Area surrounding buildings	1	Building
Management plans for defence holdings	2011	FUT		220070	Øvelsesareal	Practice ground	1	Building
Management plans for defence holdings	2011	SKB		220080	Militære anlæg	Military installation	1	Building
Management plans for defence holdings	2011	LUØ		220090	Øvelsesareal (ubevokset bar)	Practice ground (bare)	1	Building
Management plans for defence holdings	2011	PUB		220110	Publikumsareal	Public area	16	Recreation
Management plans for defence holdings	2011	BAN		220140	Skydebane	shooting range	1	Building
Management plans for defence holdings	2011	GRU		220170	Grusgrav	Gravel pit	19	Resource extraction
Management plans for defence holdings	2011	VEJ		221000	Vej	Road	5	Road
Management plans for defence holdings	2011	BÆL		222020	Bæltevej	Tank track	3	Tank track
Management plans for defence holdings	2011	BRL		223000	Brandbælte	Fire break	4	Fire break
Management plans for defence holdings	2011	ENG		231010	Eng	Wet meadow	35	Wet meadow
Management plans for defence holdings	2011	STS		231020	Strandsump	Coastal swamp	34	Coastal meadow
Management plans for defence holdings	2011	MOS		231030	Mose	Mire / bog	33	Bog
Management plans for defence holdings	2011	STG		231040	Strandeng	Coastal meadow	34	Coastal meadow
Management plans for defence holdings	2011	MAR		231050	Marsk	Coastal marsh	34	Coastal meadow
Management plans for defence holdings	2011	HED		232010	Hede	Heather	31	Heather
Management plans for defence holdings	2011	FRI		232020	Frit areal (overdrev)	Open area	32	Dry grassland
Management plans for defence holdings	2011	SLE		232040	Slette, Overdrev (Slette)	Plain	32	Dry grassland
Management plans for defence holdings	2011	ORE		232050	Slette, Overdrev (overdrev)	Dry meadow	32	Dry grassland

<i>Continued</i>							
Management plans for defence holdings	2011	KLI	232060	Klit	Dune	30	Dune sand
Management plans for defence holdings	2011	STO	232070	Hede	Heather	31	Heather
Management plans for defence holdings	2011	STB	232080	Strandbred	Beach	25	Coast
Management plans for defence holdings	2011	MLU	260010	Skovrydning	Forest clearing	22	Forest
Management plans for defence holdings	2011	UKU	260020	Ukultiveret areal	Uncultivated area	22	Forest
Management plans for defence holdings	2011	SKR	260030	Skrænt	Hillside	22	Forest
Management plans for defence holdings	2011	UBV	260040	Ubevokset	Bare	22	Forest
Management plans for defence holdings	2011	HEL	261010	Hvidel	Grey alder	22	Forest
Management plans for defence holdings	2011	ALØ	261020	Løvtræ uden særlig kode	Not specified deciduous tree	22	Forest
Management plans for defence holdings	2011	ASK	261030	Ask	Ash	22	Forest
Management plans for defence holdings	2011	ASP	261040	Bævreasp	Aspen	22	Forest
Management plans for defence holdings	2011	BIR	261060	Birk	Birch	22	Forest
Management plans for defence holdings	2011	BØG	261070	Bøg	Beach	22	Forest
Management plans for defence holdings	2011	COF	261090	Contorta	Contorta	22	Forest
Management plans for defence holdings	2011	EG	261100	Eg	Oak	22	Forest
Management plans for defence holdings	2011	EL	261110	El	Alder	22	Forest
Management plans for defence holdings	2011	ELM	261120	Elm	Elm	22	Forest
Management plans for defence holdings	2011	ÆR	261130	Ær	Great maple	22	Forest
Management plans for defence holdings	2011	VÆR	261150	Bevokset (skov)	Covered (forest)	22	Forest
Management plans for defence holdings	2011	KIR	261170	Kirsebær	Cherry	22	Forest
Management plans for defence holdings	2011	KRA	261180	Krat (skov)	Scrub	22	Forest
Management plans for defence holdings	2011	LIN	261200	Lind	Lime	22	Forest
Management plans for defence holdings	2011	PIL	261220	Pil	Willow	22	Forest
Management plans for defence holdings	2011	POP	261230	Poppel	Poplar	22	Forest
Management plans for defence holdings	2011	REG	261240	Rødeg	Red oak	22	Forest
Management plans for defence holdings	2011	REL	261250	Rødel	Common alder	22	Forest
Management plans for defence holdings	2011	RØN	261260	Røn	Mountain ash	22	Forest
Management plans for defence holdings	2011	GRA	261270	Bevokset (skov)	Covered (forest)	22	Forest
Management plans for defence holdings	2011	KRT	261280	Krat	Scrub	22	Forest

<i>Continued</i>							
Management plans for defence holdings	2011	JAL	262010	Japansk lærk	Japanese larch	22	Forest
Management plans for defence holdings	2011	AGR	262020	Grandis	Grandis	22	Forest
Management plans for defence holdings	2011	ANÅ	262030	Nåletræ uden særlig kode	Not specified coniferous tree	22	Forest
Management plans for defence holdings	2011	BJF	262050	Bjergfyr	Mountain pine	22	Forest
Management plans for defence holdings	2011	CYP	262070	Cypres	Cypress	22	Forest
Management plans for defence holdings	2011	DGR	262080	Douglas	Douglas fir	22	Forest
Management plans for defence holdings	2011	EUL	262090	Europæisk lærk	European larch	22	Forest
Management plans for defence holdings	2011	FBF	262100	Frans bjergfyr	French mountain pine	22	Forest
Management plans for defence holdings	2011	ÆGR	262110	Almindelig ædelgran	Common silver fir	22	Forest
Management plans for defence holdings	2011	LÆR	262140	Lærk	Larch	22	Forest
Management plans for defence holdings	2011	NGR	262150	Nordmannsgran	Norman spruce	22	Forest
Management plans for defence holdings	2011	NOB	262160	Nobilis	Nobilis	22	Forest
Management plans for defence holdings	2011	OMO	262170	Omorika	Omorika	22	Forest
Management plans for defence holdings	2011	ØSF	262180	Østrigsk fyr	Austrian pine	22	Forest
Management plans for defence holdings	2011	RGR	262190	Rødgran	Common spruce	22	Forest
Management plans for defence holdings	2011	SGR	262200	Sitagran	Sita spruce	22	Forest
Management plans for defence holdings	2011	SKF	262210	Skovfyr	Scottish pine	22	Forest
Management plans for defence holdings	2011	HGR	262240	Hvidgran	White spruce	22	Forest
Management plans for defence holdings	2011	AGE	270010	Ager	Field	27	Agriculture intensive
Management plans for defence holdings	2011	GRÆ	271010	Slette, Overdrev (græsset)	Grazed plain	32	Dry grassland
Management plans for defence holdings	2011	VAG	271020	Vildtager	Gaming area	28	Agriculture extensive
Map of protected habitat types	2012	3055	330550	Fersk eng	Freshwater meadow	35	Wet meadow
Map of protected habitat types	2012	3060	330600	Hede	Heather	31	Heather
Map of protected habitat types	2012	3065	330650	Mose	Mire / bog	33	Bog
Map of protected habitat types	2012	3070	330700	Overdrev	Dry meadow	32	Dry grassland
Map of protected habitat types	2012	3075	330750	Strandeng	Coastal meadow	34	Coastal meadow
Map of protected habitat types	2012	3080	330800	Sø	Lake	29	Lake
Natura2000 habitat types	2007	1330	413300	Strandeng	Coastal meadow	34	Coastal meadow

<i>Continued</i>								
Natura2000 habitat types	2007	1340		413400	Indlandssalteng	Inland salt marsh	35	Wet meadow
Natura2000 habitat types	2007	2130		421300	Grå/grøn klit	Grey / green dune	30	Dune sand
Natura2000 habitat types	2007	2140		421400	Klithede	Dune heather	31	Heather
Natura2000 habitat types	2007	2190		421900	Klitlavning	Dune dip	30	Dune sand
Natura2000 habitat types	2007	2250		422500	Enebærklit	Dune with juniper	30	Dune sand
Natura2000 habitat types	2007	2310		423100	Visse-indlandsklit	Dune with needle furze	30	Dune sand
Natura2000 habitat types	2007	2320		423200	Revling-indlandsklit	Dune with crowberry	30	Dune sand
Natura2000 habitat types	2007	2330		423300	Græs-indlandsklit	Inland dune with grass	30	Dune sand
Natura2000 habitat types	2007	4010		440100	Våd hede	Wet dune	31	Heather
Natura2000 habitat types	2007	4030		440300	Tør hede	Dry dune	31	Heather
Natura2000 habitat types	2007	5130		451300	Enekrat	Dune with juniper	31	Heather
Natura2000 habitat types	2007	6120		461200	Tør overdrev på kalkholdigt sand	Dry meadow on limestone	32	Dry grassland
Natura2000 habitat types	2007	6210		462100	Kalkoverdrev	Dry meadow on limestone	32	Dry grassland
Natura2000 habitat types	2007	6230		462300	Surt overdrev	Acid dry meadow	32	Dry grassland
Natura2000 habitat types	2007	6410		464100	Tidvis våd eng	Periodically wet meadow	35	Wet meadow
Natura2000 habitat types	2007	7110		471100	Højmose	Raised bog	33	Bog
Natura2000 habitat types	2007	7120		471200	Nedbrudt højmose	Degraded raised bog	33	Bog
Natura2000 habitat types	2007	7140		471400	Hængesæk	Bog	33	Bog
Natura2000 habitat types	2007	7150		471500	Tørvelavning	Peat dip	33	Bog
Natura2000 habitat types	2007	7210		472100	Avneknippemose	Bog with twig rush	33	Bog
Natura2000 habitat types	2007	7220		472200	Kildevæld	Spring	33	Bog
Natura2000 habitat types	2007	7230		472300	Rigkær	Rich pond	33	Bog
Topographical database (KORT10)	2011	2100	1	521110	Motorvej	Highway	5	Road
Topographical database (KORT10)	2011	2100	2	521120	Motortrafikvej	Secondary highway	5	Road
Topographical database (KORT10)	2011	2100	3	521150	Vej over 6 m	Road > 6 m	5	Road
Topographical database (KORT10)	2011	2100	4	521220	Vej 3 - 6 m	Road 3-6 m	5	Road
Topographical database (KORT10)	2011	2100	5	521230	Anden vej	Other road	5	Road
Topographical database (KORT10)	2011	2100	7	521300	Sti	Trail	2	Trail
Topographical database (KORT10)	2009	2237		522370	Parkering	Parking lot	12	Parking lot

<i>Continued</i>							
Topographical database (KORT10)	2009	2312	523121	Jernbane 1 spor	Railway 1 track	6	Rail
Topographical database (KORT10)	2009	2312	523122	Jernbane >=2 spor	Railway >=2 tracks	6	Rail
Topographical database (KORT10)	2011	2543	525430	Landingsbane	Runway	7	Runway
Topographical database (KORT10)	2011	2700	527000	Teknisk areal	Technical area	13	Technical area
Topographical database (KORT10)	2009	2719	527190	Bassin	Basin	15	Basin
Topographical database (KORT10)	2011	3113	531130	Bykerne	City centre	8	City centre
Topographical database (KORT10)	2011	3116	531160	Industri	Industry	11	Industry
Topographical database (KORT10)	2011	3117	531170	Lav bebyggelse	Low built up	10	Low built up
Topographical database (KORT10)	2011	3118	531180	Høj bebyggelse	High built up	9	High built up
Topographical database (KORT10)	2009	3119	531190	Rekreativt omr	Recreation area	16	Recreation
Topographical database (KORT10)	2011	3210	532100	Bygning	Building	1	Building
Topographical database (KORT10)	2011	5130	551300	Raastof	Resource extraction	19	Resource extraction
Topographical database (KORT10)	2011	5500	555000	Sportsanlæg	Sports ground	17	Sport facility
Topographical database (KORT10)	2011	6000	560000	Land	Land	0	Unclassified
Topographical database (KORT10)	2011	6119	561190	Skov	Forest	22	Forest
Topographical database (KORT10)	2009	6134	561340	Gartneri	Horticulture	27	Agriculture intensive
Topographical database (KORT10)	2011	6139	561390	Hede	Heather	31	Heather
Topographical database (KORT10)	2011	6142	561420	Sand Klit	Sand / dune	30	Dune sand
Topographical database (KORT10)	2011	6159	561590	Våd område	Wetland	24	Wetland
Topographical database (KORT10)	2011	6329	563290	Kirkegård	Cemetery	18	Cemetery
Topographical database (KORT10)	2011	7000	570000	Hav	Sea	21	Sea
Topographical database (KORT10)	2011	7219	572190	Sø	Lake	29	Lake
Topographical database (KORT10)	2009	7318	573180	vandløb	Stream	20	Stream
Topographical database (KORT10)	2009	7319	573190	Vandløbsbred	Stream bank	20	Stream
Topographical database (KORT10)	2011	7110	571100	Kyst	Coast	25	Coast
Topographical database (KORT10)	2011	2439	524390	Havn	Harbour	14	Harbour
Field parcel map	2011	0	600000	anden afgrøde	Other agricultural land use	26	Agriculture undefined
Field parcel map	2011	1	600010	Vårbyg	Spring barley	27	Agriculture intensive
Field parcel map	2011	2	600020	Vårhvede	Spring wheat	27	Agriculture intensive
Field parcel map	2011	3	600030	Havre	Oat	27	Agriculture intensive

<i>Continued</i>							
Field parcel map	2011	4	600040	Andre kornarter, vårsået	Other spring cereal	27	Agriculture intensive
Field parcel map	2011	5	600050	Majs til modenhed	Maize to maturity	27	Agriculture intensive
Field parcel map	2011	6	600060	Vårhvede, brødhvede	Spring wheat, near cereal	27	Agriculture intensive
Field parcel map	2011	7	600070	Korn/bælgsæd max. 50% bælgsæd	Cereal/pulse, max. 50% pulse	27	Agriculture intensive
Field parcel map	2011	10	600100	Vinterbyg	Winter barley	27	Agriculture intensive
Field parcel map	2011	11	600110	Vinterhvede	Winter wheat	27	Agriculture intensive
Field parcel map	2011	13	600130	Vinterhvede, brødhv.	Wither wheat, near cereal	27	Agriculture intensive
Field parcel map	2011	14	600140	Vinterrug	Winter rye	27	Agriculture intensive
Field parcel map	2011	15	600150	Hybridrug	Hybrid rye	27	Agriculture intensive
Field parcel map	2011	16	600160	Triticale	Triticale	27	Agriculture intensive
Field parcel map	2011	17	600170	Andre kornarter, efterårssået	Other winter cereals	27	Agriculture intensive
Field parcel map	2011	21	600210	Vårraps	Spring rape	27	Agriculture intensive
Field parcel map	2011	22	600220	Vinterraps	Winter rape	27	Agriculture intensive
Field parcel map	2011	23	600230	Raps	Rape	27	Agriculture intensive
Field parcel map	2011	24	600240	Solsikke	Sunflower	27	Agriculture intensive
Field parcel map	2011	25	600250	Sojabønner	Soya bean	27	Agriculture intensive
Field parcel map	2011	30	600300	Ærter	Pea	27	Agriculture intensive
Field parcel map	2011	31	600310	Hestebønner	Broad bean	27	Agriculture intensive
Field parcel map	2011	32	600320	Sødlupin	Lupine	27	Agriculture intensive
Field parcel map	2011	35	600350	Flerårig bælgsæd	Perennial pulses	27	Agriculture intensive
Field parcel map	2011	36	600360	Anden bælgsæd til modenhed	Other pulses to maturity	27	Agriculture intensive
Field parcel map	2011	40	600400	Oliehør	Flax grown as an oilseed crop	27	Agriculture intensive
Field parcel map	2011	41	600410	Spindhør	Fibre flax	27	Agriculture intensive
Field parcel map	2011	42	600420	Hamp	Hemp	27	Agriculture intensive
Field parcel map	2011	44	600440	Andet	Other	26	Agriculture undefined
Field parcel map	2011	50	600500	Andet	Other	26	Agriculture undefined
Field parcel map	2011	52	600520	Andet	Other	26	Agriculture undefined

<i>Continued</i>							
Field parcel map	2011	58	600580	Andet	Other	26	Agriculture undefined
Field parcel map	2011	101	601010	Rajgræsfrø, alm.	Rye grass seed	27	Agriculture intensive
Field parcel map	2011	102	601020	Rajgræsfrø, alm. 1. år, efterårsudlagt	Rye grass seed, fall planted	27	Agriculture intensive
Field parcel map	2011	103	601030	Rajgræsfrø, ital.	Italian rye grass seed	27	Agriculture intensive
Field parcel map	2011	104	601040	Rajgr.frø ital. 1. år efter- slæt	Italian rye grass seed, fall planted	27	Agriculture intensive
Field parcel map	2011	105	601050	Timotheefrø	Timothy seed	27	Agriculture intensive
Field parcel map	2011	106	601060	Hundegræsfrø	Orchard grass seed	27	Agriculture intensive
Field parcel map	2011	107	601070	Engsvingelfrø	Fescue grass seed	27	Agriculture intensive
Field parcel map	2011	108	601080	Rødsvingelfrø	Red fescue seed	27	Agriculture intensive
Field parcel map	2011	109	601090	Rajsvingel	Festulolium	27	Agriculture intensive
Field parcel map	2011	110	601100	Stivbladet svingelfrø	Stiff-leaved fescue seed	27	Agriculture intensive
Field parcel map	2011	111	601110	Strandsvingelfrø	Festuca littorea seed	27	Agriculture intensive
Field parcel map	2011	112	601120	Engrapgræsfrø (mark- type)	Smooth meadow grass seed (field type)	27	Agriculture intensive
Field parcel map	2011	113	601130	Engrapsgæsfrø (plæn- type)	Smooth meadow grass seed (lawn type)	27	Agriculture intensive
Field parcel map	2011	114	601140	Alm. rapgræsfrø	Meadow grass seed	27	Agriculture intensive
Field parcel map	2011	115	601150	Hvenefrø, alm. og krybende	Browntop/bent grass seed	27	Agriculture intensive
Field parcel map	2011	116	601160	Rajgræs, hybrid	Rye grass, hybrid	27	Agriculture intensive
Field parcel map	2011	117	601170	Rajgræs efterårsudl. hybrid	Rye grass seed, fall planted, hybrid	27	Agriculture intensive
Field parcel map	2011	120	601200	Kløverfrø	Clover seed	27	Agriculture intensive
Field parcel map	2011	121	601210	Græsmarksbælgplanter	Grass field pulses	27	Agriculture intensive
Field parcel map	2011	122	601220	Kommenfrø	Caraway seed	27	Agriculture intensive
Field parcel map	2011	123	601230	Valmuefrø	Poppy seed	27	Agriculture intensive
Field parcel map	2011	124	601240	Spinatfrø	Spinach seed	27	Agriculture intensive
Field parcel map	2011	125	601250	Bederoefrø	Beet seed	27	Agriculture intensive
Field parcel map	2011	126	601260	Andet markfrø til udsæd	Other seed for sowing	27	Agriculture intensive



<i>Continued</i>								
Field parcel map	2011	130		601300	Andet	Other	27	Agriculture intensive
Field parcel map	2011	150		601500	Læggekartofler	Seed potato	27	Agriculture intensive
Field parcel map	2011	151		601510	Stivelseskartofler	Starch potato	27	Agriculture intensive
Field parcel map	2011	152		601520	Spisekartofler	Potato for consumption	27	Agriculture intensive
Field parcel map	2011	153		601530	Kartofler, andre	Potato other	27	Agriculture intensive
Field parcel map	2011	160		601600	Roer til fabrik	Beet for industry	27	Agriculture intensive
Field parcel map	2011	161		601610	Cikorierødder	Chicory root	27	Agriculture intensive
Field parcel map	2011	162		601620	Andre industriafgr./rodfr.	Other crop/root crop for industry	27	Agriculture intensive
Field parcel map	2011	170		601700	Græs/kløvergr. til fabrik (omdrift)	Grass/clover for industry	27	Agriculture intensive
Field parcel map	2011	171		601710	Lucerne slæt + eget foder	Lucerne for harvest and own fodder	27	Agriculture intensive
Field parcel map	2011	172		601720	Lucerne m/min 25% græs slet(+eget foder)	Lucerne for harvest and own fodder, min. 25% grass	27	Agriculture intensive
Field parcel map	2011	173		601730	Kløver til slæt.	Clover for harvest	27	Agriculture intensive
Field parcel map	2011	174		601740	Kløvergræs til fabrik	Clover for industry	27	Agriculture intensive
Field parcel map	2011	180		601800	Gul sennep	White mustard	27	Agriculture intensive
Field parcel map	2011	181		601810	Anden oliefrøart	Other oil seed	27	Agriculture intensive
Field parcel map	2011	200		602000	Fragået mark	Ceased field	28	Agriculture extensive
Field parcel map	2011	201		602010	Sammenlagt mark	Merged field	27	Agriculture intensive
Field parcel map	2011	202		602020	Fragået mark, prod.skifte	Ceased field, production change	28	Agriculture extensive
Field parcel map	2011	210		602100	Vårbyg, helsæd	Spring barley, wholecrop	27	Agriculture intensive
Field parcel map	2011	211		602110	Vårhvede, helsæd	Spring wheat, wholecrop	27	Agriculture intensive
Field parcel map	2011	212		602120	Havre, helsæd	Oat, wholecrop	27	Agriculture intensive
Field parcel map	2011	213		602130	Blandkorn, vårsået, helsæd	Dredge corn, wholecrop	27	Agriculture intensive
Field parcel map	2011	214		602140	Korn/bælgsæd, helsæd, maks. 50% bælgsæd	Cereal, pulse, wholecrop max. 50% pulse	27	Agriculture intensive
Field parcel map	2011	215		602150	Ærtehelsæd	Pea, wholecrop	27	Agriculture intensive
Field parcel map	2011	216		602160	Silomajs	Silo maize	27	Agriculture intensive

<i>Continued</i>								
Field parcel map	2011	218		602180	Andet	Other	26	Agriculture undefined
Field parcel map	2011	220		602200	Vinterbyg, helsæd	Winter barley, wholecrop	27	Agriculture intensive
Field parcel map	2011	221		602210	Vinterhvede, helsæd	Winter wheat, wholecrop	27	Agriculture intensive
Field parcel map	2011	222		602220	Vinterrug, helsæd	Winter rye, wholecrop	27	Agriculture intensive
Field parcel map	2011	223		602230	Vintertertricale, helsæd	Winter triticale, wholecrop	27	Agriculture intensive
Field parcel map	2011	224		602240	Blandkorn, efterårs-sået helsæd	Dredge corn, fall planted, wholecrop	27	Agriculture intensive
Field parcel map	2011	225		602250	andet	Other	26	Agriculture undefined
Field parcel map	2011	230		602300	Vårkorn, grønkorn	Spring cereal, green grain	27	Agriculture intensive
Field parcel map	2011	234		602340	Korn/bælgsæd, grønkorn, maks. 50% bælg-sæd	Cereal/pulse, green grain. Max. 50% pulse	27	Agriculture intensive
Field parcel map	2011	235		602350	Vinterkorn, grønkorn	Winter cereal, green grain	27	Agriculture intensive
Field parcel map	2011	250		602500	Permanent græs meget lavt udbytte	Permanent grass, very low yield	28	Agriculture extensive
Field parcel map	2011	251		602510	Permanent græs lavt udbytte	Permanent grass, low yield	28	Agriculture extensive
Field parcel map	2011	252		602520	Permanent græs normalt udbytte	Permanent grass, normal yield	28	Agriculture extensive
Field parcel map	2011	253		602530	Miljøgræs MVJ-ordn. 1 (80 N)	Environmental grass (max 80 tonnes N)	28	Agriculture extensive
Field parcel map	2011	254		602540	Miljøgræs MVJ-ordn. 2 (0 N)	Environmental grass (0 N)	28	Agriculture extensive
Field parcel map	2011	255		602550	Permanent græs under 50. pct. kløver	Permanent grass, <50% clover	28	Agriculture extensive
Field parcel map	2011	256		602560	Perm.græs over 50 pct. kløver	Permanent grass, >50% clover	28	Agriculture extensive
Field parcel map	2011	257		602570	Permanent græs uden kløver	Permanent grass, no clover	28	Agriculture extensive
Field parcel map	2011	258		602580	Perm. græs, ø-støtte	Permanent grass, subsidy for organic farming	28	Agriculture extensive
Field parcel map	2011	259		602590	Perm. græs, fabrik, min. 6 t. udbytte	Permanent grass for industry, min. 6 tonnes yield	28	Agriculture extensive

<i>Continued</i>								
Field parcel map	2011	260		602600	Kløvergræs under 50 pct. kløver (omdrift)	Clover grass, <50% clover	27	Agriculture intensive
Field parcel map	2011	261		602610	Kl.græs >50% kl. (omdrift)	Clover grass, >50% clover	27	Agriculture intensive
Field parcel map	2011	262		602620	Lucerne, lucernegræs >50% lucerne omdr.	Lucerne, lucerne grass >50% lucerne	27	Agriculture intensive
Field parcel map	2011	263		602630	Græs uden kl. (omdrift)	Grass without clover	27	Agriculture intensive
Field parcel map	2011	264		602640	Græs og kl.græs uden norm	Grass and clover grass without N-norm	27	Agriculture intensive
Field parcel map	2011	265		602650	Græs og kl. græs slået før vårsåede afg.	Grass en clover grass before spring planted crop	27	Agriculture intensive
Field parcel map	2011	266		602660	Græs < 50% kløver ekstr. lavt udbytte	Grass <50% clover, extremely low yield	27	Agriculture intensive
Field parcel map	2011	267		602670	Græs <50% kløver meget lavt udbytte	Grass <50% clover, very low yield	27	Agriculture intensive
Field parcel map	2011	268		602680	Græs < 50% kløver lavt udbytte	Grass <50% clover, low yield	27	Agriculture intensive
Field parcel map	2011	269		602690	Rullegræs, omdrift.	Turf in rotations	27	Agriculture intensive
Field parcel map	2011	270		602700	Græs til udegrise.	Grass for pigs	27	Agriculture intensive
Field parcel map	2011	271		602710	Rekreative formål, arealer til	Areas for recreational purposes	28	Agriculture extensive
Field parcel map	2011	272		602720	Perm. græs fabrik, kløvergræs	Permanent grass for industry	27	Agriculture intensive
Field parcel map	2011	273		602730	Perm. lucerne til fabrik	Permanent lucerne for industry	27	Agriculture intensive
Field parcel map	2011	274		602740	Perm. lucerne min. 25% græs til fabrik	Permanent lucerne, min 25% for industry	27	Agriculture intensive
Field parcel map	2011	275		602750	Rullegræs, perm. græs	Turf permanent grass	27	Agriculture intensive
Field parcel map	2011	276		602760	Perm. græs/kløvergræs uden norm	Permanent grass/ clover grass without N-norm	27	Agriculture intensive
Field parcel map	2011	277		602770	Perm. kløver til fabrik	Permanent clover for industry	27	Agriculture intensive
Field parcel map	2011	278		602780	Perm.græs og lucerne-græs >50% lucerne	Permanent grass and Lucerne grass >50% lucerne	27	Agriculture intensive
Field parcel map	2011	279		602790	Permanent græs til fabrik	Permanent grass for industry	27	Agriculture intensive

<i>Continued</i>								
Field parcel map	2011	280		602800	Fodersukkerroer	Sugar cane, fodder	27	Agriculture intensive
Field parcel map	2011	281		602810	Kålroer	Swede	27	Agriculture intensive
Field parcel map	2011	282		602820	Fodermarkvål	Marrow-stem kale	27	Agriculture intensive
Field parcel map	2011	283		602830	Fodergulerødder	Carrot, fodder	27	Agriculture intensive
Field parcel map	2011	300		603000	andet	Other	26	Agriculture undefined
Field parcel map	2011	310		603100	Udyrket mark	Uncultivated field	28	Agriculture extensive
Field parcel map	2011	311		603110	Skovrejsning på tidl. landbrugsjord 1	Afforestation on former agricultural land	22	Forest
Field parcel map	2011	312		603120	20-årig udtagning	20 year set-aside	28	Agriculture extensive
Field parcel map	2011	313		603130	20-årig udtagning med skov	20 year set-aside with forest	28	Agriculture extensive
Field parcel map	2011	315		603150	Miljøgræs brugt som udtagning	Environmental grass for set-aside	28	Agriculture extensive
Field parcel map	2011	317		603170	Vådområder brugt som udtagning	Wetland for set-aside	28	Agriculture extensive
Field parcel map	2011	318		603180	MVJ- <i>ej</i> udtag. <i>ej</i> landbrugsjord	Not agri-environmental scheme, not agricultural land	28	Agriculture extensive
Field parcel map	2011	319		603190	MVJ-udtag. <i>ej</i> landbrugsjord	Agri-environmental scheme, not agricultural land	28	Agriculture extensive
Field parcel map	2011	320		603200	Braklagte randzoner	Fallow in marginal zones	28	Agriculture extensive
Field parcel map	2011	321		603210	Miljøtiltag, <i>ej</i> landbrugsarealer	Environmental initiative, not agricultural land	28	Agriculture extensive
Field parcel map	2011	340		603400	Randzoneordningen	Marginal zone	28	Agriculture extensive
Field parcel map	2011	341		603410	Randzoneordningen 2	Marginal zone 2	28	Agriculture extensive
Field parcel map	2011	350		603500	Miljøgræs med N-kvot	Environmental grass with N-quota	28	Agriculture extensive
Field parcel map	2011	400		604000	Asier	Gherkins	27	Agriculture intensive
Field parcel map	2011	401		604010	Asparges	Asparagus	27	Agriculture intensive
Field parcel map	2011	402		604020	Bladselleri	Celery	27	Agriculture intensive
Field parcel map	2011	403		604030	Blomkål	Cauliflower	27	Agriculture intensive
Field parcel map	2011	404		604040	Broccoli	Broccoli	27	Agriculture intensive
Field parcel map	2011	405		604050	Courgette, squash	Courgette, squash	27	Agriculture intensive

<i>Continued</i>								
Field parcel map	2011	406		604060	Grønkål	Kale, borecole	27	Agriculture intensive
Field parcel map	2011	407		604070	Gulerod	Carrot	27	Agriculture intensive
Field parcel map	2011	408		604080	Hvidkål	Cabbage	27	Agriculture intensive
Field parcel map	2011	409		604090	Kinakål	Chinese cabbage	27	Agriculture intensive
Field parcel map	2011	410		604100	Knoldselleri	Celeriac, turnip-rooted celery	27	Agriculture intensive
Field parcel map	2011	411		604110	Løg	Onion	27	Agriculture intensive
Field parcel map	2011	412		604120	Pastinak	Parsnip	27	Agriculture intensive
Field parcel map	2011	413		604130	Rodpersille	Hamburg parsley	27	Agriculture intensive
Field parcel map	2011	415		604150	Porre	Leek	27	Agriculture intensive
Field parcel map	2011	416		604160	Rosenkål	Sprouts	27	Agriculture intensive
Field parcel map	2011	417		604170	Rødbede	Beetroot	27	Agriculture intensive
Field parcel map	2011	418		604180	Rødkål	Red cabbage	27	Agriculture intensive
Field parcel map	2011	420		604200	Salat	Lettuce	27	Agriculture intensive
Field parcel map	2011	421		604210	Savoykål, spidskål	Savoy cabbage, pointed cabbage	27	Agriculture intensive
Field parcel map	2011	422		604220	Spinat	Spinach	27	Agriculture intensive
Field parcel map	2011	423		604230	Sukkermajs	Sweet corn	27	Agriculture intensive
Field parcel map	2011	424		604240	ærter til konsum	Peas for consumption	27	Agriculture intensive
Field parcel map	2011	429		604290	Jordskokker, konsum	Jerusalem artichoke for consumption	27	Agriculture intensive
Field parcel map	2011	430		604300	Bladpersille	Leaf parsley	27	Agriculture intensive
Field parcel map	2011	431		604310	Purløg	Chive	27	Agriculture intensive
Field parcel map	2011	432		604320	Krydderurter, støtteberet.	Herb, aromatic plant, with subsidy	27	Agriculture intensive
Field parcel map	2011	433		604330	Krydderurter, andre	Herb, aromatic plant, other	27	Agriculture intensive
Field parcel map	2011	448		604480	Medicinpl., en- og toårige.	Medicine plant, annual and biennial	27	Agriculture intensive
Field parcel map	2011	449		604490	Medicinpl., stauder og vedplanter	Medicine plant, perennial	27	Agriculture intensive
Field parcel map	2011	450		604500	Grøntsager, andre	Vegetable, other	27	Agriculture intensive
Field parcel map	2011	452		604520	andet	Other	26	Agriculture undefined

<i>Continued</i>								
Field parcel map	2011	500		605000	Buske og træer	Bushes and trees	27	Agriculture intensive
Field parcel map	2011	501		605010	Stauder	Perennial plants	27	Agriculture intensive
Field parcel map	2011	502		605020	Blomsterløg	Bulb	27	Agriculture intensive
Field parcel map	2011	503		605030	En- og to-årige planter	Annual and biennial plants	27	Agriculture intensive
Field parcel map	2011	510		605100	Melon.	Melon	27	Agriculture intensive
Field parcel map	2011	511		605110	Græskar.	Gourd	27	Agriculture intensive
Field parcel map	2011	512		605120	Rabarber	Rhubarb	27	Agriculture intensive
Field parcel map	2011	513		605130	Jordbær	Strawberry	27	Agriculture intensive
Field parcel map	2011	514		605140	Solbær	Blackcurrant	27	Agriculture intensive
Field parcel map	2011	515		605150	Ribs	Redcurrant	27	Agriculture intensive
Field parcel map	2011	516		605160	Stikkelsbær	Gooseberry	27	Agriculture intensive
Field parcel map	2011	517		605170	Brombær	Blackberry	27	Agriculture intensive
Field parcel map	2011	518		605180	Hindbær	Raspberry	27	Agriculture intensive
Field parcel map	2011	519		605190	Blåbær	Blueberry	27	Agriculture intensive
Field parcel map	2011	520		605200	Kirsebær uden undervækst	Cherry without undergrowth	27	Agriculture intensive
Field parcel map	2011	521		605210	Kirsebær undervækst	Cherry with undergrowth	27	Agriculture intensive
Field parcel map	2011	522		605220	Blomme, uden undervækst	Plum without undergrowth	27	Agriculture intensive
Field parcel map	2011	523		605230	Blomme, undervækst	Plum with undergrowth	27	Agriculture intensive
Field parcel map	2011	526		605260	Hylde	Elder	27	Agriculture intensive
Field parcel map	2011	527		605270	Hassel	Hazel	27	Agriculture intensive
Field parcel map	2011	528		605280	æble	Apple	27	Agriculture intensive
Field parcel map	2011	529		605290	Pærer	Pear	27	Agriculture intensive
Field parcel map	2011	530		605300	Vindruer	Grape	27	Agriculture intensive
Field parcel map	2011	531		605310	Anden træfrugt	Other tree fruit	27	Agriculture intensive
Field parcel map	2011	532		605320	Anden buskfrugt.	Other bush fruit	27	Agriculture intensive
Field parcel map	2011	533		605330	Rønnebær	Rowanberry	27	Agriculture intensive
Field parcel map	2011	534		605340	Hyben	Hip	27	Agriculture intensive
Field parcel map	2011	536		605360	Spisedruer	Grape for consumption	27	Agriculture intensive

<i>Continued</i>							
Field parcel map	2011	539	605390	Blandet støtteberettiget frugt	Mixed fruits with subsidy	27	Agriculture intensive
Field parcel map	2011	540	605400	Tomat	Tomato	27	Agriculture intensive
Field parcel map	2011	541	605410	Agurk	Cucumber	27	Agriculture intensive
Field parcel map	2011	542	605420	Salat	Lettuce	19	Resource extraction
Field parcel map	2011	543	605430	Andre grøntsager	Other vegetable	27	Agriculture intensive
Field parcel map	2011	544	605440	Snitblomster/snitgrønt	Cut flower/sprigs	27	Agriculture intensive
Field parcel map	2011	545	605450	Potteplanter	Pot plant	27	Agriculture intensive
Field parcel map	2011	547	605470	Planteskolekulturer (stauder/vedpl.)	Nursery, perennial/-woody plants	27	Agriculture intensive
Field parcel map	2011	548	605480	Småplanter (et-årige)	Minor plants, annual	27	Agriculture intensive
Field parcel map	2011	549	605490	Lukket system 1 (et-årige)	Closed system, annual	27	Agriculture intensive
Field parcel map	2011	550	605500	Lukket system 2 (stauder og vedpl.)	Closed system, perennial /woody plants	27	Agriculture intensive
Field parcel map	2011	560	605600	Containerplads 1 (frugtbuske)	Container, fruit bush	27	Agriculture intensive
Field parcel map	2011	561	605610	Containerplads 2 (et-årige)	Container, annual	27	Agriculture intensive
Field parcel map	2011	562	605620	Containerplads 3 (stauder og vedpl.)	Container, perennial/woody plants	27	Agriculture intensive
Field parcel map	2011	563	605630	Svampe, champignon	Mushroom	27	Agriculture intensive
Field parcel map	2011	570	605700	Humle	Hop	27	Agriculture intensive
Field parcel map	2011	579	605790	Tagetes, sygdoms-sanerende plante	Tagetes	27	Agriculture intensive
Field parcel map	2011	580	605800	Skovdrift, alm.	Forestry	22	Forest
Field parcel map	2011	581	605810	Nyplantning i skov med træhøjde under 3	Afforestation in forest with tree height <3 m	22	Forest
Field parcel map	2011	582	605820	Pyntegrønt, økologisk	Decorative greenery, organic	27	Agriculture intensive
Field parcel map	2011	583	605830	Juletræer/pyntegrønt	Christmas tree, decorative greenery	27	Agriculture intensive
Field parcel map	2011	584	605840	Juletræer/pyntegrønt i fredskov	Christmas tree, decorative greenery in protected forest	27	Agriculture intensive

<i>Continued</i>								
Field parcel map	2011	585		605850	Andet	Other	26	Agriculture undefined
Field parcel map	2011	586		605860	Skovrejsn. på tidl. landbr. 2, forpagtet	Afforestation on former agricultural land 2, rented	22	Forest
Field parcel map	2011	587		605870	Skovrejsning på tidl. landbrugsjord 3	Afforestation on former agricultural land 3	22	Forest
Field parcel map	2011	588		605880	Statslig skovrejsning	State-afforestation	22	Forest
Field parcel map	2011	589		605890	Bæredygtig skovdrift	Sustainable forestry	22	Forest
Field parcel map	2011	591		605910	Lavskov.	Coppice forest	27	Agriculture intensive
Field parcel map	2011	592		605920	Pil	Willow	27	Agriculture intensive
Field parcel map	2011	593		605930	Poppel	Poplar	27	Agriculture intensive
Field parcel map	2011	594		605940	El	Alder	27	Agriculture intensive
Field parcel map	2011	596		605960	Elefantgræs	Elephant grass	27	Agriculture intensive
Field parcel map	2011	597		605970	Røgræs	Reed grass	27	Agriculture intensive
Field parcel map	2011	598		605980	Sorrel	Sorrel	27	Agriculture intensive
Field parcel map	2011	650		606500	Chrysanthemum Garland.	Chrysanthemum Garland	27	Agriculture intensive
Field parcel map	2011	651		606510	Dildfrø.	Dill seed	27	Agriculture intensive
Field parcel map	2011	652		606520	Kinesisk kålfrø.	Chinese kale seed	27	Agriculture intensive
Field parcel map	2011	653		606530	Karsefrø.	Cress seed	27	Agriculture intensive
Field parcel map	2011	655		606550	Radisfrø.	Radish seed	27	Agriculture intensive
Field parcel map	2011	656		606560	Bladbedefrø, rødbedefrø	Leaf beet seed, beetroot seed	27	Agriculture intensive
Field parcel map	2011	658		606580	Gulerødderfrø	Carrot seed	27	Agriculture intensive
Field parcel map	2011	659		606590	Kålfrø (hvid- og rødkålfrø)	Cabbage seed, red cabbage seed	27	Agriculture intensive
Field parcel map	2011	660		606600	Persillefrø	Parsley seed	27	Agriculture intensive
Field parcel map	2011	661		606610	Kørvelfrø	Chervil seed	27	Agriculture intensive
Field parcel map	2011	662		606620	Majroefrø	Early garden turnip seed	27	Agriculture intensive
Field parcel map	2011	664		606640	Skorzonerodfrø.	Viper's grass seed	27	Agriculture intensive
Field parcel map	2011	665		606650	Havrerodfrø	Salsify seed	27	Agriculture intensive
Field parcel map	2011	666		606660	Purløgfrø	Chive seed	27	Agriculture intensive



<i>Continued</i>								
Field parcel map	2011	667	606670	Timianfrø	Thyme seed	27	Agriculture intensive	
Field parcel map	2011	668	606680	Blomsterfrø	Flower seed	27	Agriculture intensive	
Field parcel map	2011	669	606690	Andet havefrø	Other garden seed	27	Agriculture intensive	
Field parcel map	2011	777	607770	Ex-non-food brak	Non-food fallow	28	Agriculture extensive	
Field parcel map	2011	800	608000	Andre arealer i skovblokke	Other land uses in forest	22	Forest	
Field parcel map	2011	801	608010	Skov i IKKE skovblok	Forest outside forest blocs	22	Forest	
Field parcel map	2011	900	609000	øvrige afgrøder	Other crops	26	Agriculture undefined	
Field parcel map	2011	901	609010	Naturarealer efter driftsloven	Nature areas	28	Agriculture extensive	
Field parcel map	2011	902	609020	Naturlignende arealer	Nature like areas	28	Agriculture extensive	
Field parcel map	2011	903	609030	Lysåbne arealer, fredsskovpligtige	Open nature in protected forest	28	Agriculture extensive	
Field parcel map	2011	904	609040	åbne arealer i skov	Open areas in forest	22	Forest	
Field parcel map	2011	910	609100	Ikke anmeldt mark	Not registered field	26	Agriculture undefined	
Field parcel map	2011	960	609600	Græs, udlæg/eftersl. efter grønkorn o.l	Grass mowed after green grain	27	Agriculture intensive	
Field parcel map	2011	961	609610	Græs, udlæg/eftersl. eft.helsæd/tidl.frø	Grass mowed after whole grain	27	Agriculture intensive	
Field parcel map	2011	962	609620	Græs, udlæg/eftersl. eft.korn/sildig frø	Grass mowed after cereal	27	Agriculture intensive	
Field parcel map	2011	965	609650	Kløvergræs, udlæg/efterslæt efter korn	Clover grass after cereal	27	Agriculture intensive	
Field parcel map	2011	968	609680	Pligtige efterafgrøder	Binding by crop	27	Agriculture intensive	
Field parcel map	2011	998	609980	Ukendt afgrøde	Unknown crop	26	Agriculture undefined	
Field parcel map	2011	999	609990	Ugyldig afgrødekode	Invalid crop code	26	Agriculture undefined	
Field block map	2011	0	800000	Markblok	Field block	26	Agriculture undefined	



## BASEMAP

Technical documentation of a model for elaboration of a land-use and land-cover map for Denmark

Although detailed geographical data are increasingly available, for Denmark, no current nationwide map for land cover and land use exists. Therefore the main aim of the Basemap is to combine existing thematic geographic information to establish a map for land cover and land use in Denmark. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes description of input data, pre-processing of input data and spatial modelling. In a future perspective, this will ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.

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