





**Demo**

**Michael Östling**

**Environmental Satellite Data Centre**

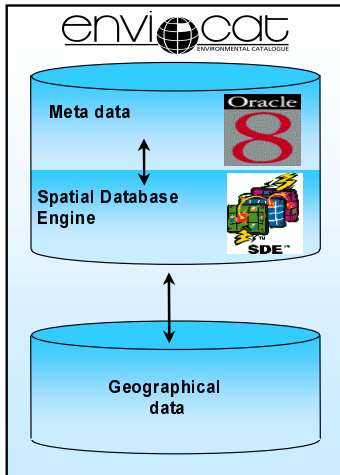
1/12



**...is a catalogue for  
environment related  
geographical data, with a  
user interface that can be  
used via the Internet...**

2/12

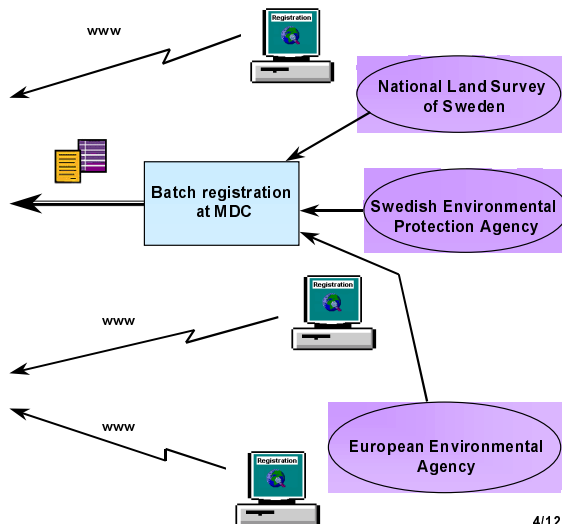
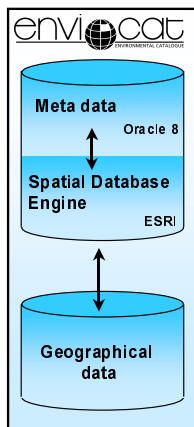
## EnviCat consists of:



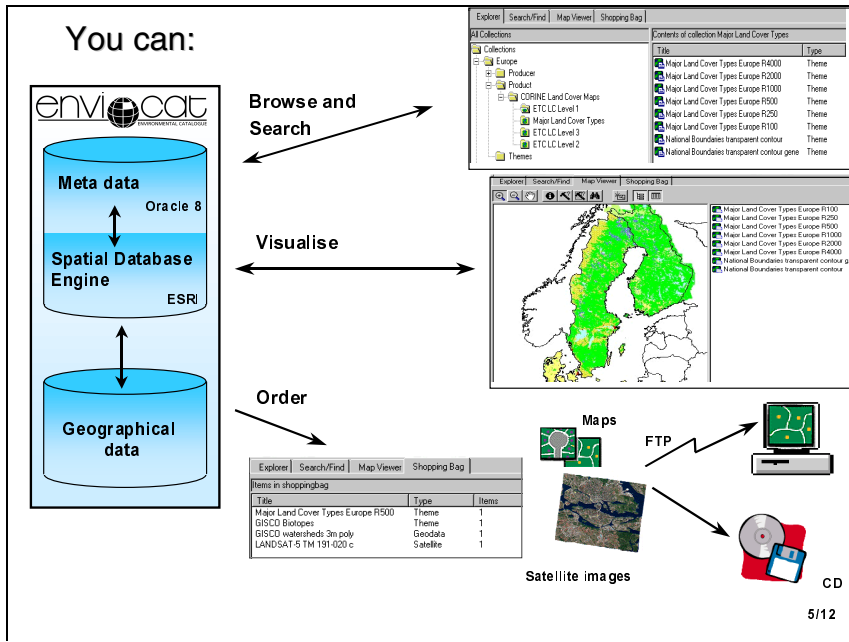
- Data about the geographical data
- Spatial Database Engine
- Geographical data
- Satellite images
- Maps

3/12

## Data is registered into EnviCat:



4/12



## Register metadata

**MDC**  
Environmental Satellite Data Centre

Developer/2000 Forms Runtime for Windows 95 / NT - [Developer/2000 Forms Runtime for Windows 95 / NT]

Dataset Collections Kontakter Grunddata Avskuta

**DATASET**

Titel: LANDSAT 5 TM 191-020 c    Objekttyp: Satellitbild (Precision: kort)

Översikt: Landsat TM    Begränsning: Landsat TM    Ny

Status: Landsat TM    Utsnitt: LANDSAT-5 TM 191-020 c    Ny

Färlag: Satellitbild    Publiceringsort: Kiruna    Ny

Publiceringsdatum: 10 MAY 1999    Upphovsman:    Ny

Serie:    Version:    Ny

Utgåva:    Aktualitet:    Ny

Kortnamn:    Annan:    Ny

Exempel:    citering:    Ny

Associerat dataset:    Associations typ:    Ny

Tidsperiod: 1989-06-23-1989-06-23    Distribution:    Ny

Bearbetning:    Ny

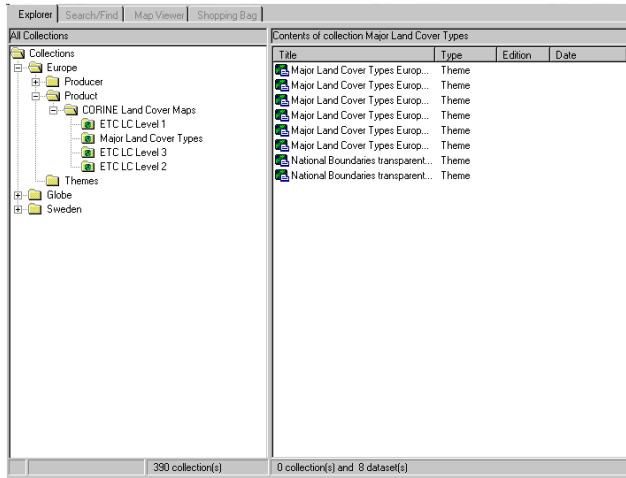
Klassificering:    Ny

Registerra detaljer

Record: 1/1

6/12

# Browse the metadata

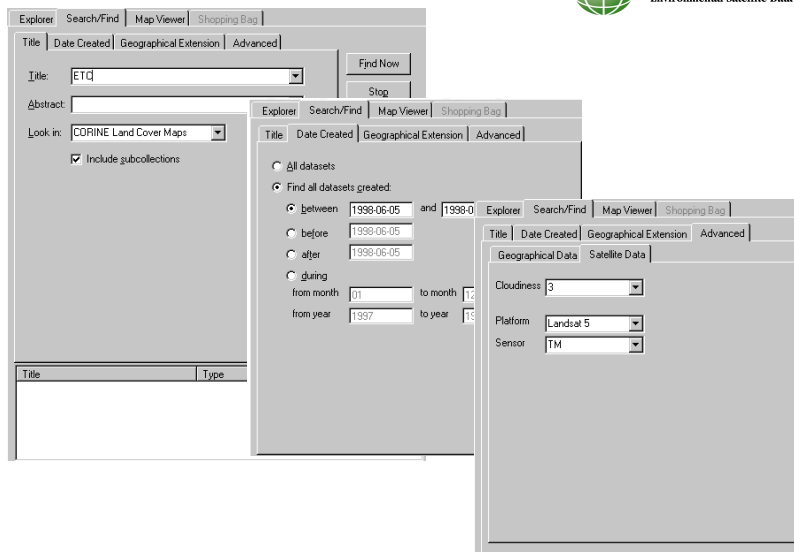


The screenshot shows a web-based metadata browser interface. On the left, a tree view under 'All Collections' shows a hierarchy: Europe > Product > Product > CORINE Land Cover Maps > Major Land Cover Types. Below this are 'ETC LC Level 1', 'ETC LC Level 2', and 'Themes' (Globe, Sweden). On the right, a table titled 'Contents of collection Major Land Cover Types' lists several datasets. At the bottom, it indicates '390 collection(s)' and '0 collection(s) and 8 dataset(s)'.

Title	Type	Edition	Date
Major Land Cover Types Europ...	Theme		
Major Land Cover Types Europ...	Theme		
Major Land Cover Types Europ...	Theme		
Major Land Cover Types Europ...	Theme		
Major Land Cover Types Europ...	Theme		
Major Land Cover Types Europ...	Theme		
National Boundaries transparent...	Theme		
National Boundaries transparent...	Theme		

7/12


# Search the metadata

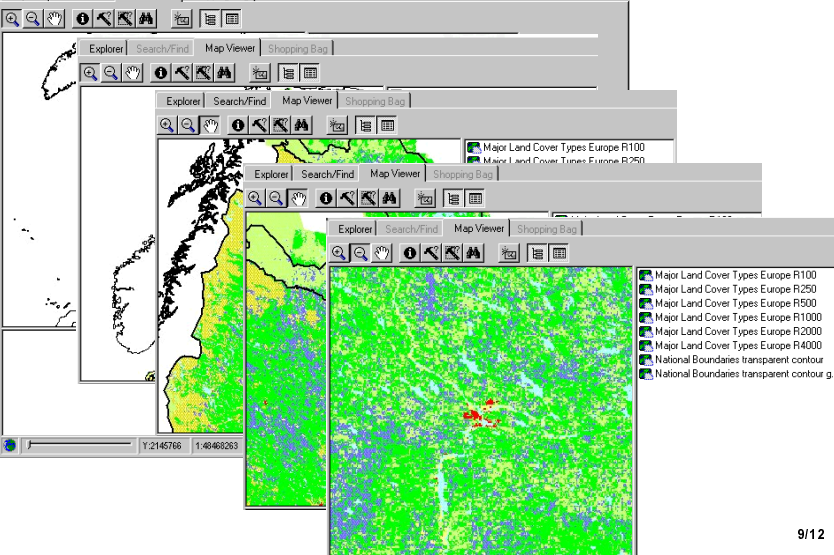


The screenshot shows the search interface with several overlapping windows. The main window has tabs for 'Title', 'Date Created', 'Geographical Extension', and 'Advanced'. The 'Title' tab is active, showing a search box with 'ETC' and a 'Find Now' button. Below it is an 'Abstract' section with a 'Look in:' dropdown set to 'CORINE Land Cover Maps' and a checked 'Include subcollections' option. A second window shows search filters: 'All datasets' is selected, and 'Find all datasets created' is active. It includes radio buttons for 'before', 'after', and 'during' time periods, with input fields for dates and months. A third window shows 'Geographical Data' and 'Satellite Data' filters, including 'Cloudiness' (set to 3), 'Platform' (set to 'Landat 5'), and 'Sensor' (set to 'TM').

8/12

## Visualise data



**MDC**  
 Environmental Satellite Data Centre

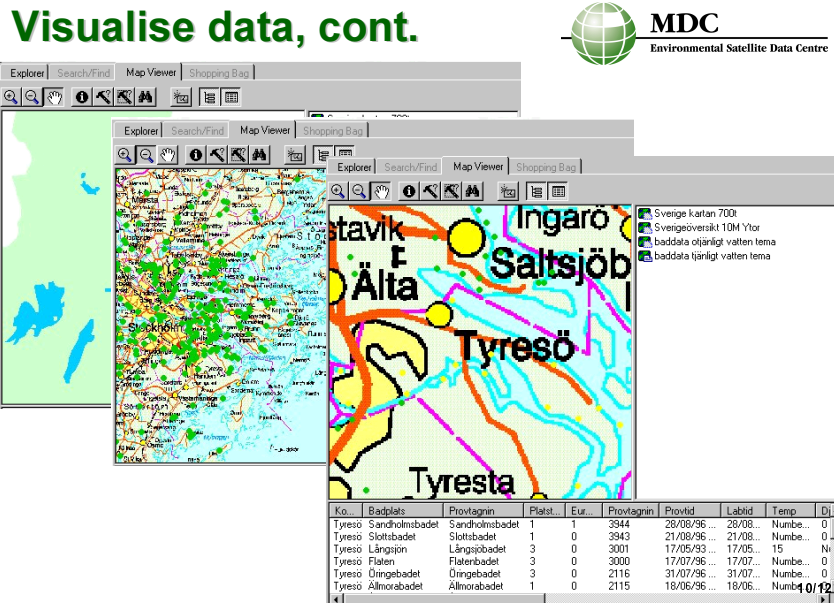


Major Land Cover Types Europe R100  
 Major Land Cover Types Europe R250  
 Major Land Cover Types Europe R500  
 Major Land Cover Types Europe R1000  
 Major Land Cover Types Europe R2000  
 Major Land Cover Types Europe R4000  
 National Boundaries transparent contour  
 National Boundaries transparent contour g...

9/12

## Visualise data, cont.


**MDC**  
 Environmental Satellite Data Centre

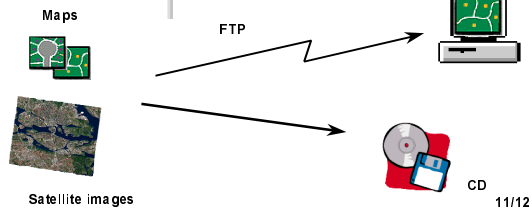


Sverige kartan 7000  
 Sverigeöversikt 10M Ytor  
 baddata oljligt vatten tema  
 baddata tjärligt vatten tema

Ko.	Badplats	Provtagin	Platst.	Eur.	Provtagin	Provtid	Labtid	Temp	Dj
Tyresö	Sandholmsbadet	Sandholmsbadet	1	1	3944	28/08/96...	28/08...	Numbe...	0
Tyresö	Slotsbadet	Slotsbadet	1	0	3943	21/08/96...	21/08...	Numbe...	0
Tyresö	Långholmen	Långholmsbadet	3	0	3001	17/05/93...	17/05...	Nu...	15
Tyresö	Plåten	Plåtenbadet	3	0	3000	17/07/96...	17/07...	Numbe...	0
Tyresö	Örngebadet	Örngebadet	3	0	2116	31/07/96...	31/07...	Numbe...	0
Tyresö	Allmorbadet	Allmorbadet	1	0	2115	18/06/96...	18/06...	Numbe...	0

## Order data

Title	Type	Items	Price
GISCO Biotope Point Dataset	Geodata	1	
CORINE Land Cover Europe R2000 L3	Theme	1	
GISCO Urbanisation 32 poly	Geodata	1	
LANDSAT-5 TM 133-019 b	Satellite	1	
LANDSAT-5 TM 137-019 r	Satellite	1	



11/12

<http://www.mdc.kiruna.se/EnviCat>

envi  cat  
ENVIRONMENTAL CATALOGUE

12/12