

## METADATA ESTONIA

<b>Title of working unit:</b>	<b>621</b>
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### A: GENERAL INFORMATION

<b>Contractor:</b>	Gisat s.r.o.
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<b>Responsible:</b>	Tomas Soukup
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<b>Project leader:</b>	Kiira Aaviksoo
<b>E-mail:</b>	Kiira.Aaviksoo@ic.envir.ee

### 1. IMAGE1975 data used

Landsat MSS provided or other scene(s)				
Satellite & Sensor	Path-	Row	Date (m/d/y)	Remark (e.g. clouds)
Landsat MSS	204	19	07/07/1975	OK

### 2. Topographic maps used *(indicate in remark if digital)*

Scale	Sheet id	Title/Name	Year of production	Year of last revision	Remark
1:10000	621	Cadastral data	1995		B/w digital
1 : 100 000	C-57-18 C-57-19 C-58-19	Estonian top. Map	1958 1958 1958	1969 1969 1969	B/w paper copy
	O-34-45		1989	1981	B/w digital
	O-34-46		1989	1984	B/w digital
	O-34-47		1989	1981-85	B/w digital
	O-34-34		1989	1983	B/w digital
	O-34-35		1989	1981	B/w digital

### 3. Other ancillary data used (thematic data, satellite images, aerial photos, city maps, vegetation maps)

Id	Data source/type	Title (if relevant)	Date of production (m/d/y)	Scale (spatial detail)	Remark
1,2,3	Agricultural maps	Eesti põllumajanduslik kaart	1975	1 : 50 000	B/w paper copy, digital
0625		CORONA data	05/19/1974	~15m	B/w digital

### 4. Photointerpreter(s)

Name	Affiliation	Phone	E-mail	Interpretation		
				start (m/d/y)	End (m/d/y)	no. of days
Katre Daniel	EEIC	+372 7 427 767	Katre.daniel@ic.envir.ee	05/22/2003	05/24/2003	3
				08/06/2003	08/07/2003	2

### B: DATA PREPARATION

#### 1. Checking and systematic correction of IMAGE90 data *(optional)*

Landsat TM or any other satellite scenes used (e.g. SPOT)							
Satellite & Sensor	path-	row	Date (m/d/y)	Max. systematic geom. Error (m)	<i>(optional)</i> Checked & corrected (name)	<i>(optional)</i> Date (m/d/y)	<i>(optional)</i> Reference data
Landsat 5 TM	188	19	07/09/1994	25 - 50 m			

## 2. Checking and systematic correction of CLC90 data

Corrections	Type of correction	Checked and Corrected by	Date (m/d/y)		Remarks
			Start	end	
Geometrical errors	Systematic correction	Tiina Dislis	04/26/2003	04/26/2003	
	Local correction	Tiina Dislis	04/26/2003	04/26/2003	
Thematic errors	Logical coherence*	Katre Daniel, Tiina Dislis	06/15/2003 07/18/2003	06/16/2003 07/20/2003	
	Semantic accuracy** and exhaustiveness***	Kiira Aaviksoo	06/22/2003 07/18/2003	06/22/2003 07/20/2003	Corrections: 324 instead of forest types and 322

\* = respectation of internal rules of CLC (100 m, 25 ha) according to Tech.Guide and Addendum

\*\* = interpretation according to CLC nomenclature;

\*\*\* = details are appropriate

## 3. Verification and acceptance on national level

Date (m/d/y)	Accepted by	Signature	Remark
07/20/2003 07/23/2003	Tiina Dislis Kiira Aaviksoo		Cadastral maps were used for 324

## C: INTERPRETATION OF CHANGES AND CREATION OF CLC1975

### 1. Photo-interpretation and internal quality control

Date of submission (m/d/y)	Control made by	Date of control (m/d/y)	Remark (errors, corrections, etc.)
05/22/2003 08/06/2003	Katre Daniel	07/09/2003 08/07/2003	<ul style="list-style-type: none"> <li>- Areas taken into agricultural use, forest cutting and land reclamation (change 31 to 21, 24A, 23)</li> <li>- Change 31 to 131: creation of new gravel pit after 70s</li> <li>- Change 41 to 324: abandonement of peat excavation area</li> <li>- Change 33 to 411: overflooded sandy area turned to wetland</li> <li>- Change 33 to 523: overflooded</li> <li>- Some small polygons were removed (appeared after creation of clc75)</li> </ul>

### 2. Field checking (if carried out) - no

Date (m/d/y)	Itinerary (main settlements crossed on the working unit)	Problems checked and main conclusions
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### 3. Border matching with neighbour working units

Working unit /Country	Controlled and corrected by	Date (m/d/y)	Remark
612,622,623,523	Tiina Dislis	08/02/2003	

## D: FINAL TECHNICAL QUALITY CONTROL

### 1. Control of topology, unnecessary boundaries, 25 ha limit, invalid codes and invalid changes

	Date (m/d/y)	Controlled by	Remark
CLC1975	08/27/2003	Tiina Dislis	A few polygons < 20 and 5 ha were generalised
CLC Changes	08/27/2003	Tiina Dislis	A few polygons < 5 ha were generalised
CLC90	08/28/2003	Tiina Dislis	A few polygons < 20 and 25 ha were generalised

### 2. Verification and acceptance

	Date (m/d/y)	Name	Signature	Remark
National level	08/28/2003	Kiira Aaviksoo		OK
Integration level	09/09/2003	Erika Orlitová	GISAT	Few cases discussed with EEIC
	09/17/2003	Tomas Soukup	GISAT	Few cases discussed with EEIC

## E: SOFTWARE / HARDWARE

Work phase	Software used	Hardware used
Systematic geometric correction of IMAGE90	-	-
Systematic geometric correction of CLC90	-	-
Topological and thematic corrections of CLC90	ArcInfo 7.2.1., ArcView 3.2	PC
Interpretation of changes	ArcView 3.2	PC
Creation of CLC1975	ArcView 3.2	PC
Technical quality control	ArcInfo 7.2.1.	PC
Database integration (border matching)	ArcInfo 7.2.1.	PC