

Trends and development in Sweden

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Lantmäteriet

The Swedish mapping, cadastre and land registration authority

LANTMÄTERIET



New land registration procedure

- A new handling system with e-service
- Based on a better information structure connected to the cadastral information in the joint Real Property Register



E-application, scanned documents, digital archives...

Completely digital process, from customer application to final decision and registration of ownership title, mortgages and rights

- >> Shorter lead time in customer processes
- >> Reduced costs
- >> Better quality

A new Real Property Register

- New clients have new demands
- Easier and cheaper to maintain
- A better connection between the text part and the digital cadastral map
- An object oriented structure adapted to the Land Administration Domain Model (LADM)

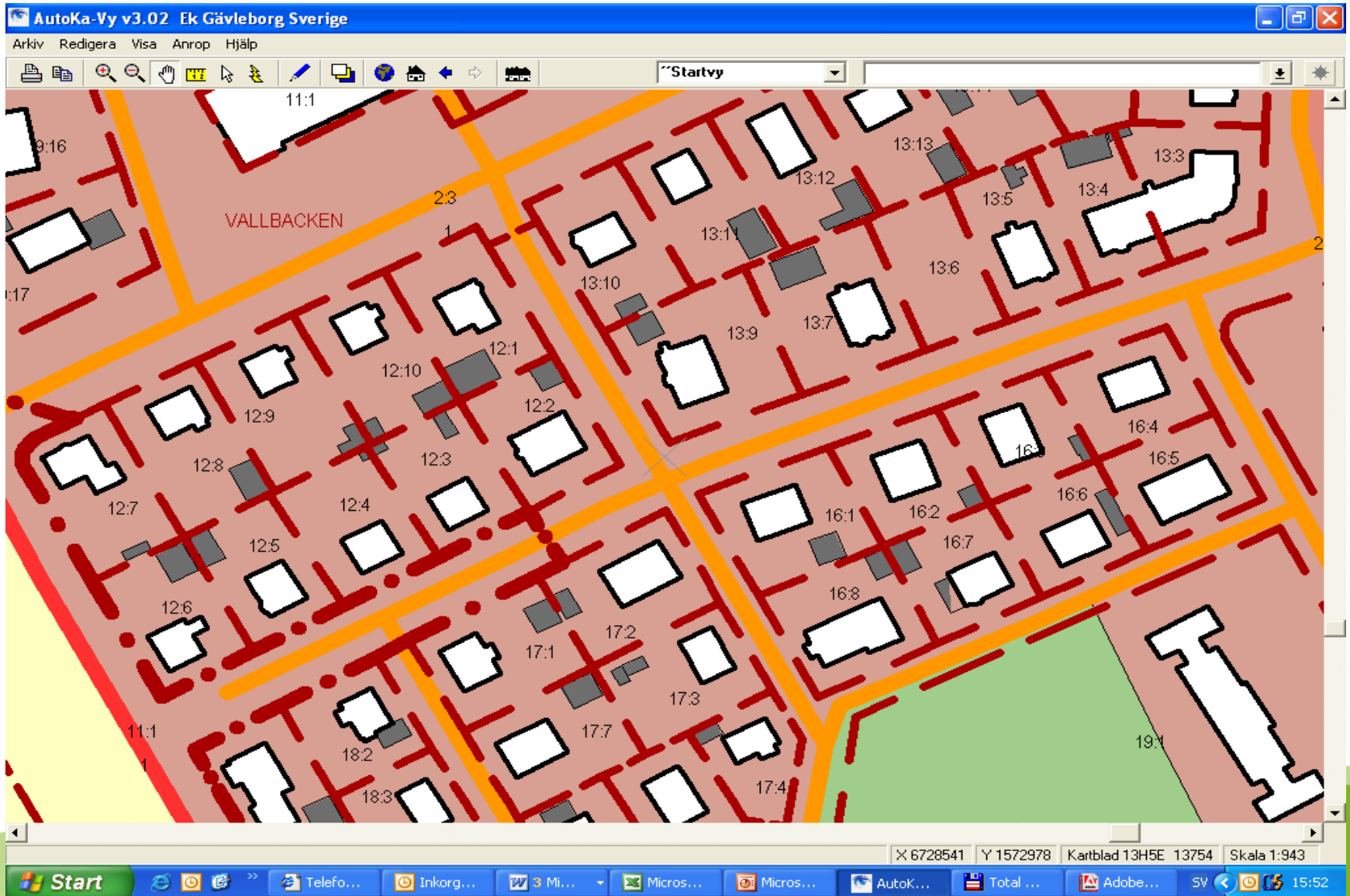
New official reference systems

- Reference frame: SWEREF 99
 - Height system: RH 2000
- >> key components of the National Digital Agenda (e-government)
- >> basis for physical planning regarding climate change (floodings etc.)
- >> 3D cadastre

Unified physical planning and cadastral procedures

- (municipal) physical planning + building permission + cadastral procedures
 - uniform supply of geodata
- >> Every person and organisation will, at any time, access the most current information – regardless where it comes from (municipalities or Lantmäteriet)

Improved Cadastral Index Map



ArcCadastr - Untitled - Untitled

File Edit View Insert Selection Tools Window Help

1:1 000 Georeferencing Layer: <None>

2D Transformation Layer: From <None> Copy to Target

Editor Task: Create New Feature Target:

Layers

- ✓ New Plotting Style
 - ✓ point
 - ✓ line
- ✓ sig_fastfull_mxd
 - ✓ FASTIGHETER-full
 - ✓ REGISTERTEXT
 - ✓ FASTTX
 - ✓ FASTUREGTX
 - ✓ FASTFREGTX
 - ✓ FASTRECTX

Identify Results

Layers: <Top-most layer>

FASTOMRY_VY Location: (1498105,372983)

Field	Value
FNR_FR	50108368
KOMMUNKOD	0580
TRAKT	GAVEL
BLOCKENHET	1:11
DMRNR	1
SAMJELITT	<null>
TILLAGG	<null>
REGTYP	F
REGOTYP	FD
GEOMTYP	1
FRMATCH	1
DETALJTYP	FASTIGHET
ADAT	2005-12-08
KNID	580

12 m

1:10

1:11

Lövhagen

Display Source Selection Attribute

Drawing Arial 10 B I U A

1498147,18 6453592,12 Unkno



Current goals

- Liquidation of older easements that are no longer in use
 - >> A new Act in force from 1 July 2013 (full implementation starts in 2018)
- Legal coordinate cadastre
 - >> "Vision 2020"
- Mobile support for field work

Mobile support for subdivision

- Real property information as a basis for cadastral work in the field
- Search functions: property ID, address, GPS coordinates
- Types of data available: reference network, boundary points, land rights, buildings, land use plans, aerial photos etc.
- Access to document archives and other registers



International cooperation

Projects supported by Swedish government (Sida):

Kenya

Namibia

Botswana

Vietnam

Georgia

Azerbadjan

Belarus

Albania

Bosnia Herzegovina

Jordan

+ consultancy projects:
Swedesurvey