Cadastral surveying as a means for restricting the impact of natural disasters

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The Swedish system for real property formation:

- Create new property units
- Restructure old units
- Infrastructure developments
- To resolve problems
Cadastral surveying as a means...

Devastating storms:
- Timber were uprooted
- Serious damage
- Serious problems for the local population
- 17 persons lost their lives

Problem: Power supply
- Utility easements
- Can safely remain in place
- A right to widen clearcuts
- Reliability increases
Cadastral surveying as a means...

Problem: Rail traffic

- Easements
- A right to fell trees
- A special project
- Approx. 4 500 km

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Registration:

- Real property register
- Cadastral Index Map

(Pink zone – easement)
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Field work
National Rail Administration felling dangerous trees

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Field work
When machines can’t do the work...
Cadastral surveying as a means...

Field work

The marks tells which tree to fell

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Field work

Measuring the 20-metres zone
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Traffic accidents:

- Cable median barriers
- Decrease the number of road traffic accidents
- The roads becomes a joint facility

Land consolidation:

- Re-allotment
- No need for crossing roads
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