

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



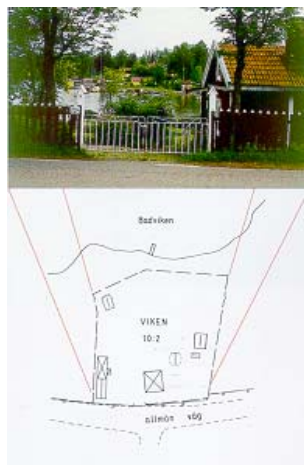
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## Cadastral surveying as a means...

The Swedish system for real property formation:

- Create new property units
- Restructure old units
- Infrastructure developments
- **To resolve problems**



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## Cadastral surveying as a means...

Devastating storms:

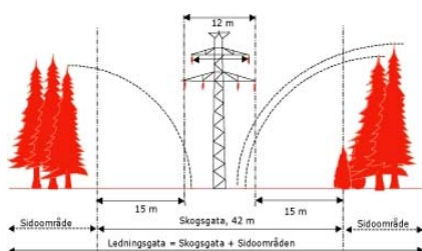
- Timber were uprooted
- Serious damage
- Serious problems for the local population
- 17 persons lost their lives



*Before and after the storm*

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## Cadastral surveying as a means...

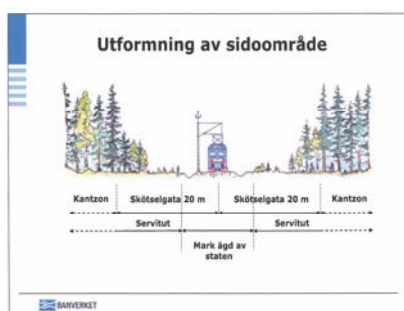


Problem: Power supply

- Utility easements
- Can safely remain in place
- A right to widen clearcuts
- Reliability increases

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## 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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## Cadastral surveying as a means...



Registration:

- Real property register
- Cadastral Index Map

(Pink zone – easement)

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## Cadastral surveying as a means...



Field work  
National Rail  
Administration felling  
dangerous trees



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## Cadastral surveying as a means...



Field work

When machines  
can't do the work...

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## Cadastral surveying as a means...



### Field work

The marks tells which tree to fell

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## Cadastral surveying as a means...



### Field work

Measuring the  
20-metres zone

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## Cadastral surveying as a means...

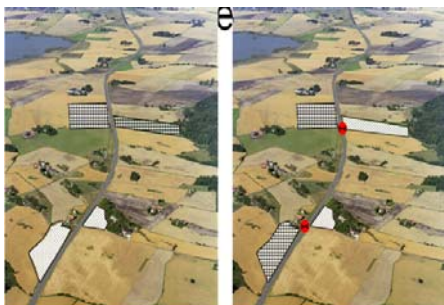
Traffic accidents:



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

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## Cadastral surveying as a means...



Land consolidation:

- Re-allotment
- No need for crossing roads

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## Cadastral surveying as a means...

Thank You for showing interest in our session!



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