



# DataLand

## The fourth column in Action:

Dutch municipalities organising geo-information for disaster management

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# DataLand

- Disaster management and geo-information
- Dutch trouble: 4<sup>th</sup> column: the weakest link?
- DataLand: story of a one stop shop for geo-information
- Proving added value
- Final remarks

# Disaster management and Geo-information: Dutch trouble

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Central government



Provinces: measure of autonomy



Municipalities: measure of autonomy

## 4<sup>th</sup> column: the weakest link?

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- Municipalities: fourth column in disaster management chain
- sole source for geo-information
- geo-information not very accessible: lack of uniformity, standards, interoperability etc.

Chain is as strong as its weakest link:  
who volunteers to be the weakest?

- municipal initiative
- voluntary participation
- founded in 2001
- 2005: 75% of available data via central distribution

## Challenges

### 1. Organisational

- Municipal autonomy
- History of failed initiatives
- Ownership issues

### 2. Technical

- Lack of standards
- Lack of interoperability
- Quality

## Solutions

1. No frills management
2. Clear communication
3. Solid account management
4. Pre-programmed query
5. Meta data

2003: real life test

Cooperation with InAxis and RHRR

Demands:

- accuracy
- actuality
- accessibility
- interoperability
- availability



- **Accuracy:** data directly from source
- **Actuality:** listed
- **Accessibility:** standardised, directly usable
- **Interoperability:** possible with standard format
- **Availability:** continuously and guaranteed

**Conclusion: clear added value**

**Underlined in real life gas explosion!**

## 2004: Disaster management chain project

**Projectmanagement:** DataLand

**Aim:** establish clear agreements on cooperation between bodies re. information chain management, with a focus on position of geo-information

### **Projectpartners:**

InAxis

Traumacentre

RHRR

Police Department Rotterdam

GHOR

Municipalities

**Results available:** December 2005 – [www.dataland.nl](http://www.dataland.nl)

- disaster management is a chain
- ... as strong as the weakest link
- One stop shop means centralisation of information and quality management
- Organisational and technical challenges: HAVE TO BE OVERCOME!
- Clear added value
- Applicable in different contexts



The 4<sup>th</sup> column:

Strengthening the chain

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