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## Five years later

**Lionel Ferette**  
**Head of CERT**



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# Intro



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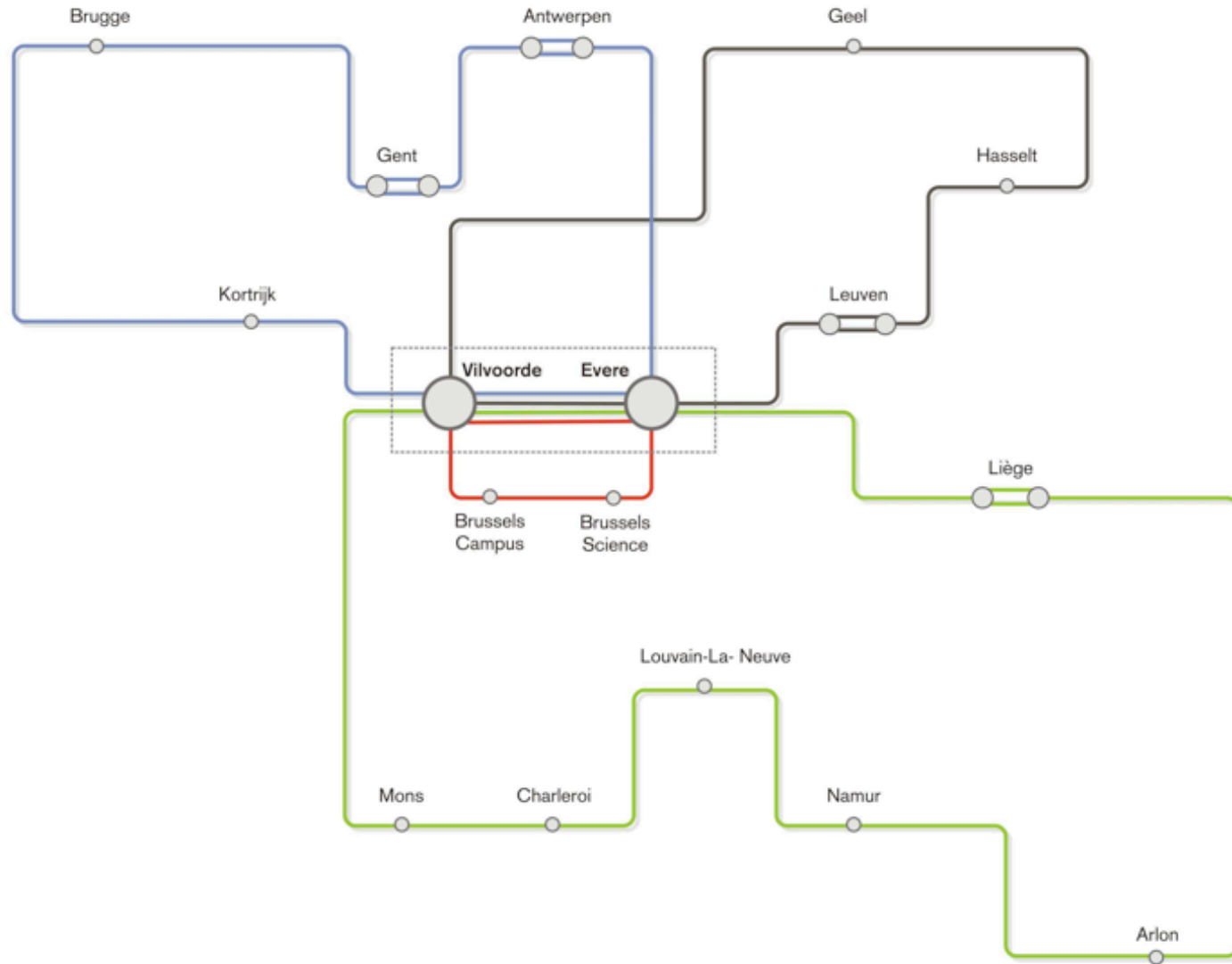
## BELNET at-a-glance

- **Belgian Research and Education Network**
- **ISP for all Belgian universities**
- **But also:**
  - Federal Government
  - BNIX: Belgian National Internet eXchange



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# The BELNET Network





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# The Past

## Five years ago

- **Belgium was an empty spot on CERT maps**
- **Worse, BELNET was one of the very few CERT-less NRENs**
- **A 2003 user survey showed that security was our customers' biggest concern**
- **I got hired at BELNET**



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# The Present



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## Today

- **We'll be celebrating five years of BELNET CERT early July**
- **Manpower: 2.5 FTEs**
  - Koen Van Impe
  - Christian Van Heurck
  - Lionel Ferette





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# Services

Security Tools Development  
Intrusion Detection  
**Information Dissemination**  
Risk Analysis  
Business Continuity Planning  
Security Consulting  
**Awareness Building**  
Product Evaluations



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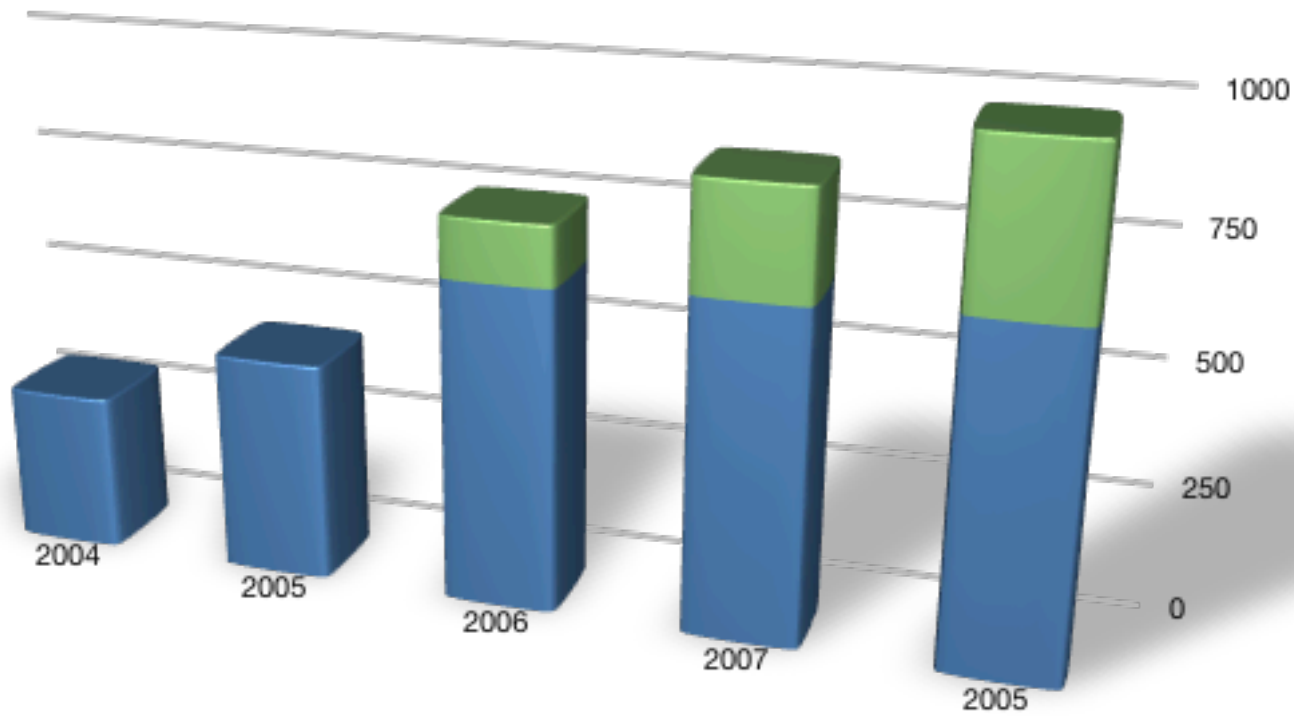
# Services

**Incident Handling**  
**Alerts & Warnings**  
**Vulnerability Handling**  
Artefact Handling  
**Announcements**  
**Technology Watch**  
Audits / Assessments  
Configuration and  
Maintenance of tools

Security Tools Development  
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**Awareness Building**  
Product Evaluations

# Some Stats

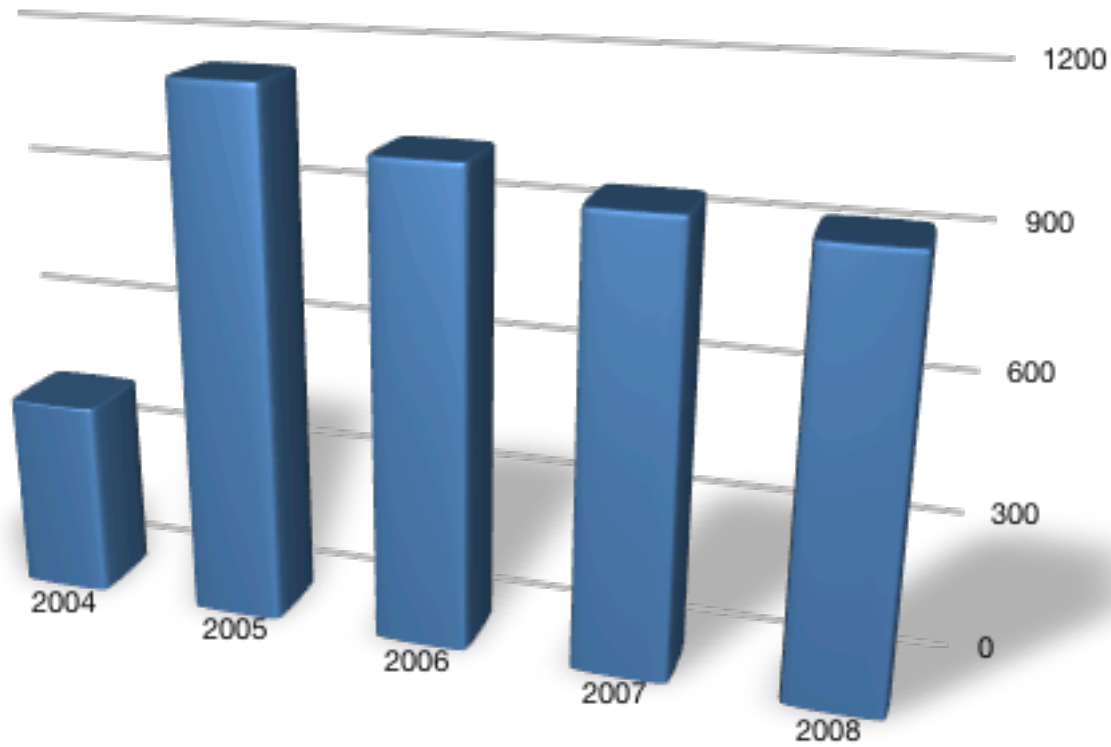
Number of Incidents



■ Number of Incidents - Others  
■ Number of Incidents - BELNET

# More Stats

## Advisories



■ Number of Advisories

## However

- **Belgium still a black spot on the map of Europe**
  - NREN and military CSIRTs
  - No National / Governmental CSIRT
    - Competency officially lies with the telecom regulator
  - BELNET CERT used as “last-resort”



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# Tomorrow



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## From BELNET CERT to CERT.be

- **In November, BELNET was asked to make a proposal for a National CSIRT**
- **Proposal rounds ended in February**
- **Still not formally signed, we are waiting for the lawyers to agree on the contract**

# Project Phases

- **Four phases, gradually increasing in manpower and services offering**
- **Phase 1: this year**
- **Phase 2: early 2010**
- **Phase 3: Mid 2012**
- **Phase 4: Mid 2013**



## Phase 1

- **Basic service: alerts, incident coordination, ...**
- **Manpower: 5+1 FTEs**
- **Constituency: Critical Infrastructure, telecom operators, Federal governments and Federal entities**
- **Authority: mostly based on good will**

## Phase 2

- **Same Services**
- **Constituency is extended to the greater public**
- **Manpower: 6+1**
- **Authority: should shift towards legal authority**



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## Phase 3

- **Extension of the services offering, extension of opening hours**
- **Manpower: 8+1 FTEs**
- **Constituency unchanged**
- **Authority hopefully full legal authority**

## Phase 4

- **Full service offering: vulnerability handling, artifact handling, education, consultancy**
- **Manpower: 10+1 FTEs**
- **Constituency and authority unchanged**



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# Challenges

- **Hiring**
- **Relation with the telecom regulator**
- **Addressing the greater public**



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Thank you!