ibz Federal Public Service Home Affairs

Belgian Chairmanship
Présidence belge

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

VENICE COMMISSION
COMMISSION DE VENISE

10 April 2015

Good practice and new technologies: the Belgian case

David Van Kerckhoven

.be

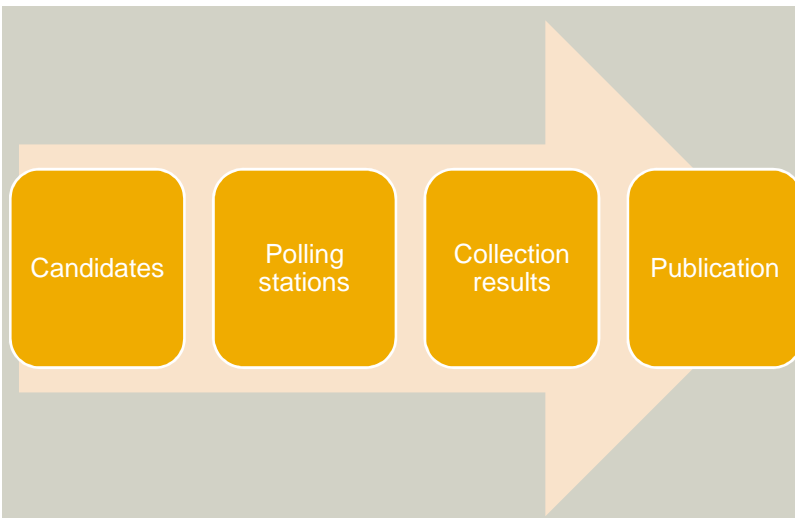▶ **Content**

The Belgian voting system

- Collection of candidates
- Polling station
- Collection results and publication

Security principles

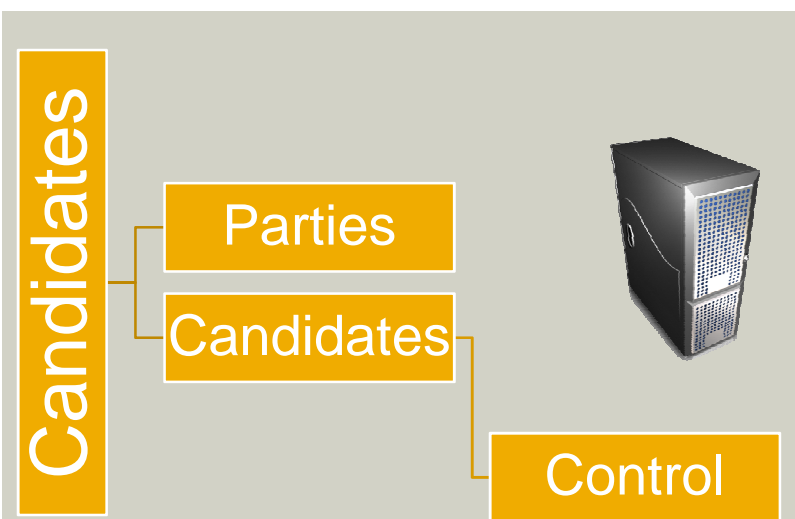- IT security
- Security procedures
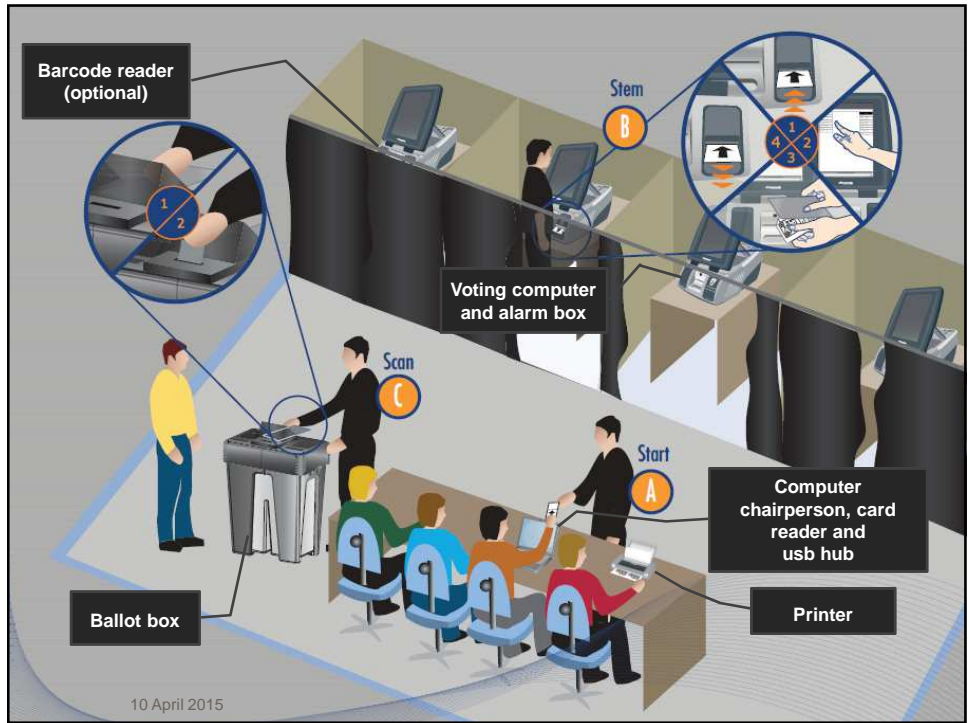- Transparency

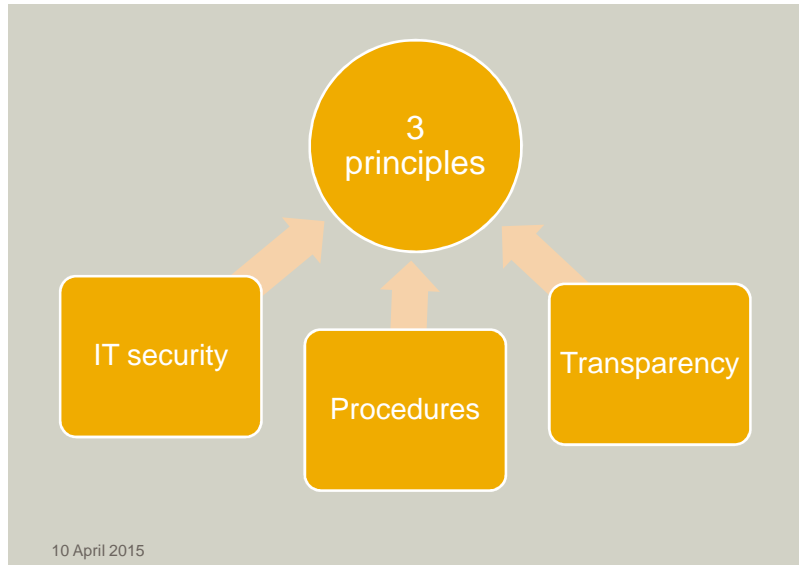10 April 2015

▶ The Belgian voting system

| Candidates | Polling stations | Collection results | Publication |

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▶ Collection candidates

Candidates
- Parties
- Candidates
- Control

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Barcode reader (optional)

Stem **B**

Voting computer and alarm box

Scan **C**

Start **A**

Computer chairperson, card reader and usb hub

Ballot box

Printer

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▶ **Collection results and publication**

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▶ Security principles

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▶ IT security

- **IT security people ←→ Hackers**

  ➢ **Encryption**
  ➢ **Digital signature**
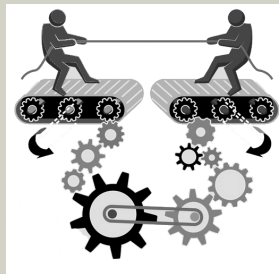
- **Conscious**

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▶ Security procedures

- **Protection**
  - ➢ Security zone
  - ➢ Secured transport

- **Prevent battle**

It's safe here!

- **A battle that doesn't need to be fought, is always won!**

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▶ Transparency

- **Openness towards citizens**
  - ➢ Website
  - ➢ Helpdesk

http://www

- **Publication software**

CODE

- **Improvement**
  - ➢ IT security
  - ➢ Procedures

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More info:

DirElec-Verk@rrn.fgov.be

http://www.verkiezingen.fgov.be

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