



vision on technology



26/08/2015

# **20 jaar BBT/EMIS een terugblik en vooruitblik**

Diane Huybrechts en Karel Styns

# 1995



- » Beslissing Vlaamse Regering
  - » Oprichting kenniscentrum Beste Beschikbare Technieken en bijhorend Energie- en MilieuInformatieSysteem (BBT/EMIS)
- » Taken BBT/EMIS



# Evoluties 1995-2015 en verder



## Vlaams BBT-werk

- Scope
- Aanpak



## Informatieverbreiding

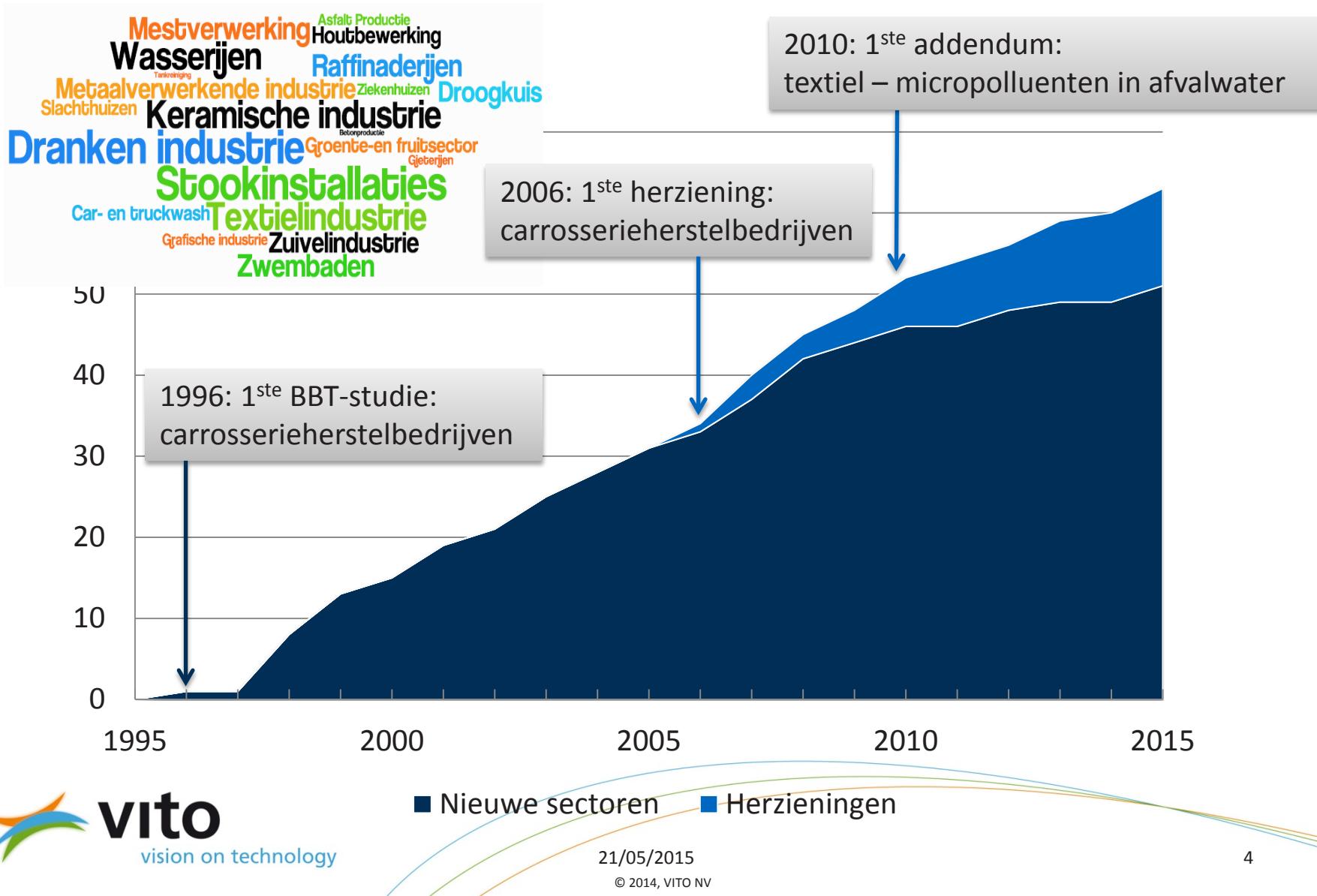
- EMIS-website
- Navigator



## Europees BBT-werk

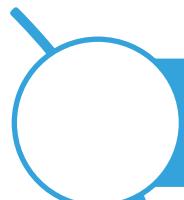
- van IPPC naar IED wereld

# Gepubliceerde studies

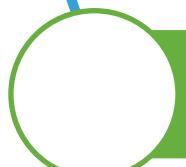




# Toekomst Vlaamse BBT-studies ?



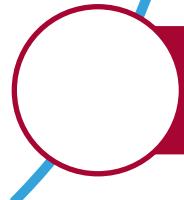
Steeds minder 'nieuwe' sectoren



Focus op herzieningen/addenda – specifieke knelpunten



Meer databased



Aandacht voor de sector in de keten



[www.emis.vito.be](http://www.emis.vito.be)  
[navigator.emis.vito.be](http://navigator.emis.vito.be)  
[www.milieuinfo.be/wegwijzer](http://www.milieuinfo.be/wegwijzer)  
[www.felnet.be](http://www.felnet.be)

**emis@vito.be**



## EMIS

Energie cijfers

Adresboek

Milieutechnologie

Wetgeving

```

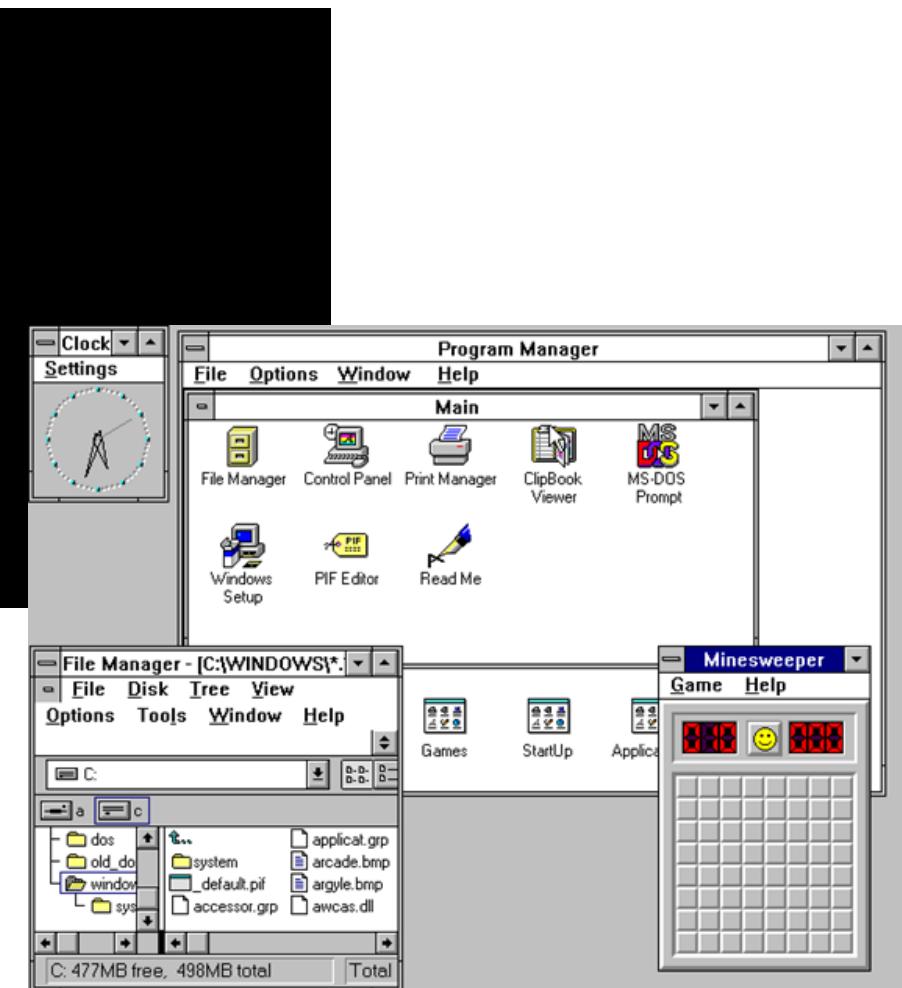
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CORELDRW    <DIR>        19.09.01  21:35
COMMAND     COM          57.377   31.05.94  6:22
WINA20      386          9.349   31.05.94  6:22
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AUTOEXEC    OLD          230     22.06.01  21:05
NETWIN      BAT          42      01.07.01  15:45
TREEINFO    NCD          539     23.06.01  13:02
CONFIG      SYS          208     30.06.01  15:45
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37 Datei(en)   929.889 Byte
                  50.778.112 Byte frei

```

C:\>ver

MS-DOS Version 6.22

C:\>\_



C 2

THE GAZETTE, MONTREAL, MONDAY, OCTOBER 30, 1995

COMPUTERS

# Here's the Fall '95 version of a basic computer

PAUL DE GROOT  
EDMONTON JOURNAL



megabytes, and a one-gigabyte drive from IBM cost more than

■ Memory

We seem to have convinced to adopt standard megabytes

ight. The nce be- byte ma- byte ma-

re com- with the es of last nce be- about \$200, ll waste d aggra- out of a

400-megabyte hard drive.

■ Monitors

We're edging into 15-inch monitors as standard, compared with the 14-inches of the past, but the extra inch adds little. If you really need more monitor (desktop publishers and heavy-duty spreadsheet users for example), go for a 17-inch screen and pay the \$400 premium.

■ Video cards

We're into 24-bit accelerated video cards these days, and while these cards look great in benchmark tests, faster processors and faster circuitry make accelerated video less critical.

The 24-bit feature affects color depth – that is, it allows the computer to use the standard eight-bit color

A 24-bit card can display up to 17 million colors – nice if you've got 24-bit images to look at, but few programs require such depth.

You needn't go to 24-bit color to improve on the standard 256-color display: many inexpensive video cards have 32,000 or 64,000 color modes which are already a substantial improvement.

To confuse things, some cards

will refer to 32-bit, 64-bit and even 128-bit features. This doesn't refer to color depth but to the width of the data path between components on the card.

■ Sound cards

This year we're seeing more cards with wavetable synthesis, which provides more realistic representation of musical instruments. But there's not much software which requires this: the sound of a plasma blaster in DOOM is not a musical instrument. Unless you're serious about music, you might want to pass on wavetable sound for now.

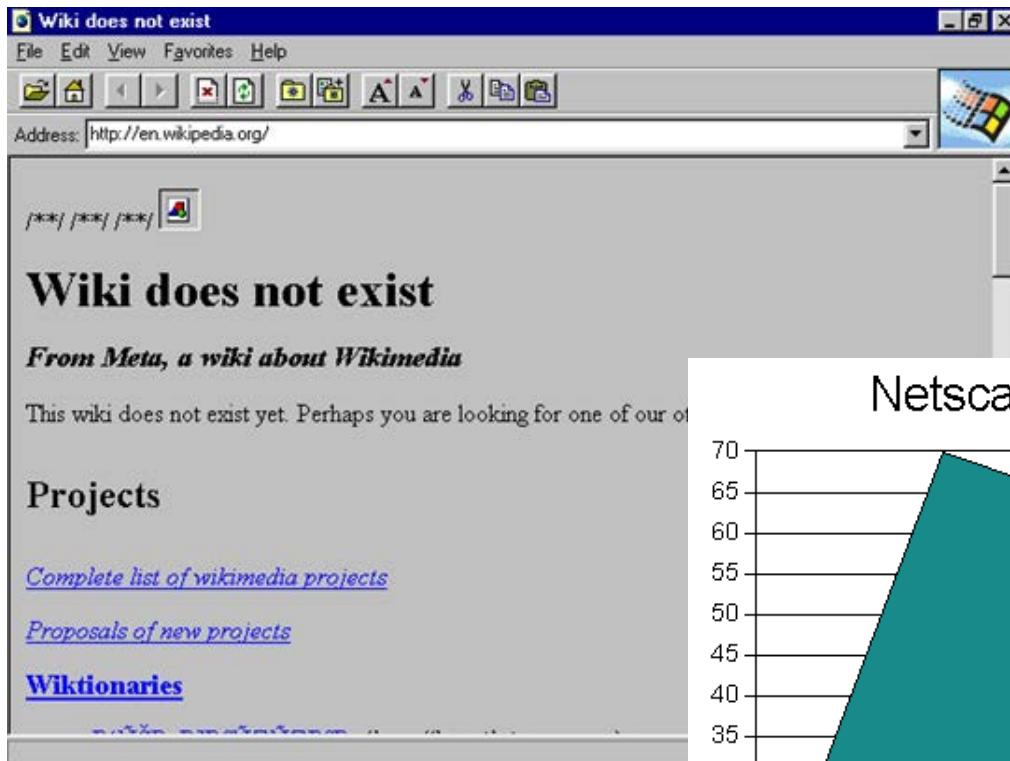
■ Modems

The 14.4K modems are on the way out; 28.8 is in. I'd tend toward 28.8 for about an extra \$100, but a 14.4 is pretty quick and will capably handle E-mail.

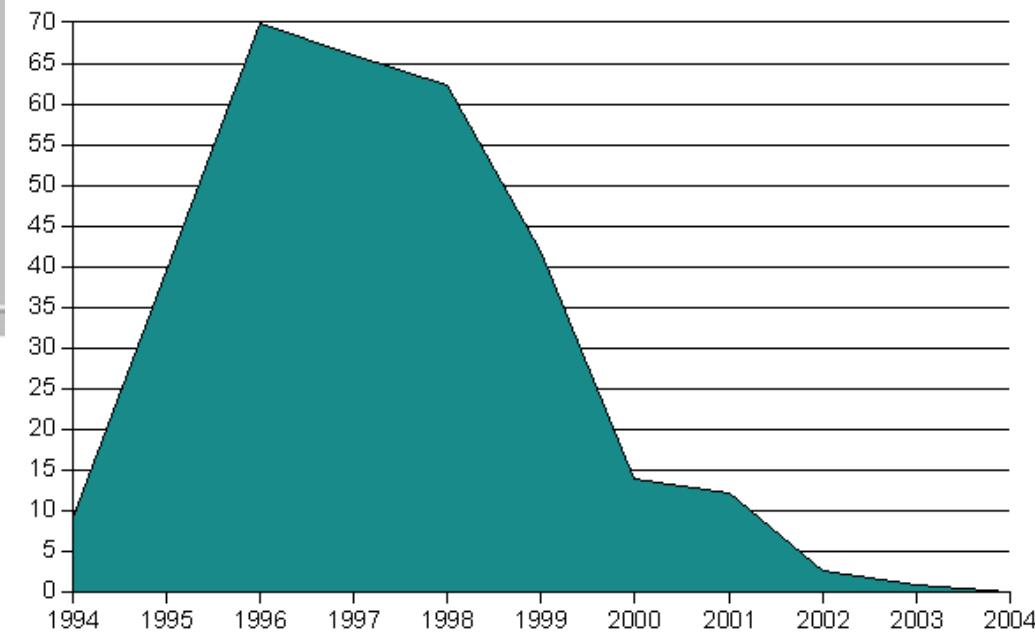
■ Faster CD-ROMS

Last year, double-speed drives were mainstream and quad-speed drives were in the future. Well, the future is here.

I'd like to say you don't need to spend extra here, but I think software makers are already assuming people have quad-speed drives. Go for a quad if you can.



Netscape Navigator usage share





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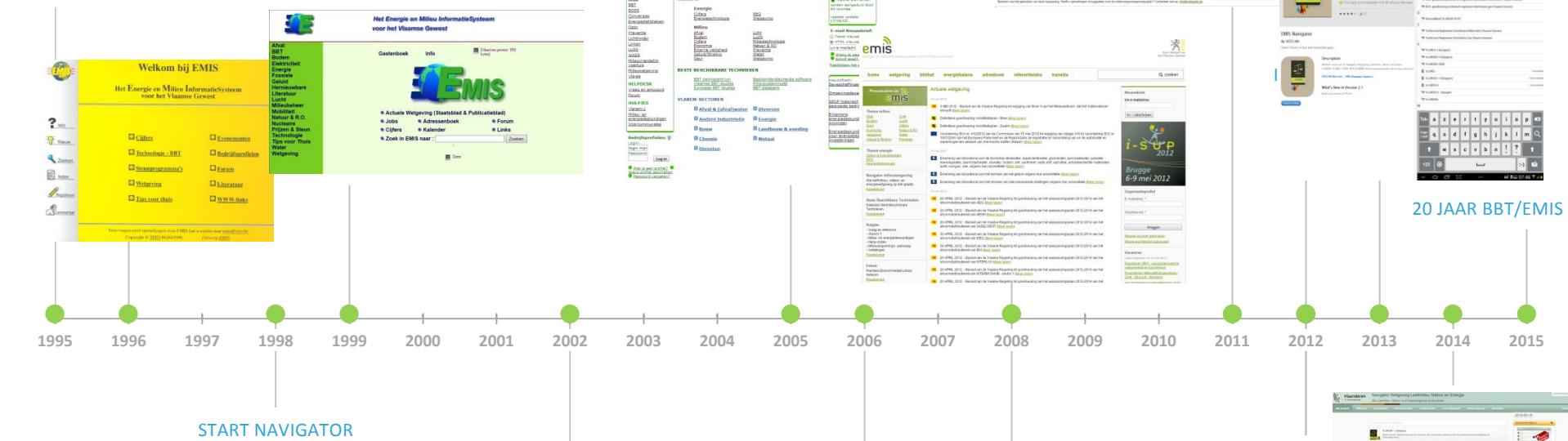
# Internet anno 2015



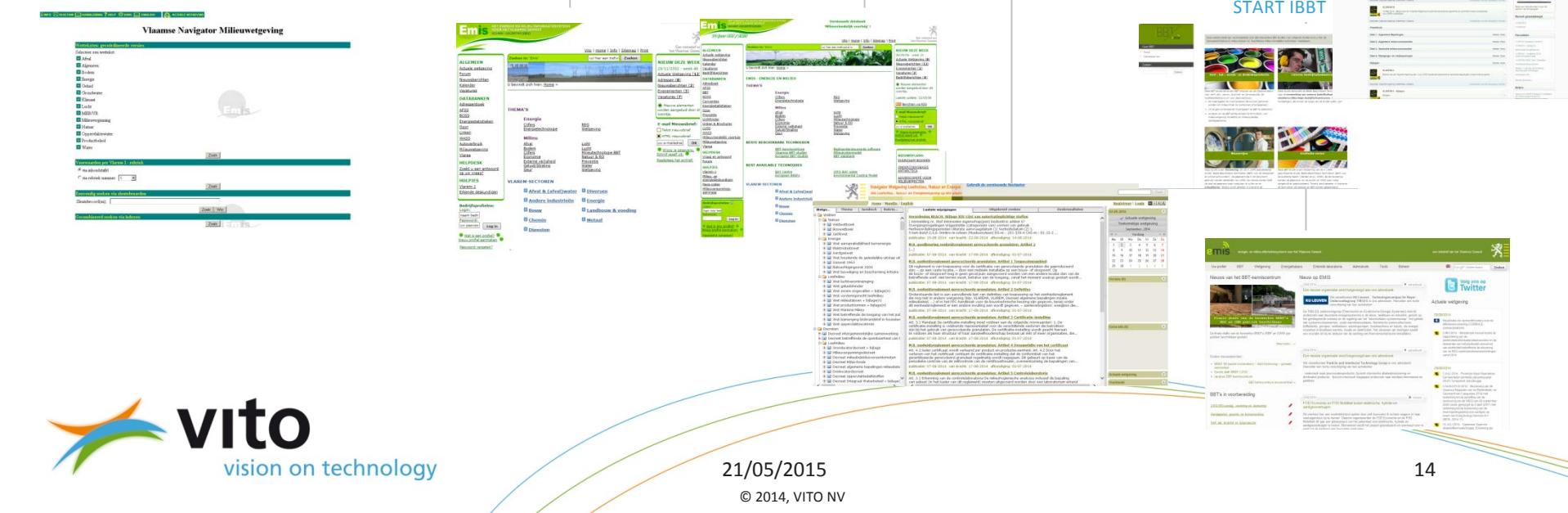
> 70 Miljoen!



## START BBT/EMIS



[START NAVIGATOR](#)

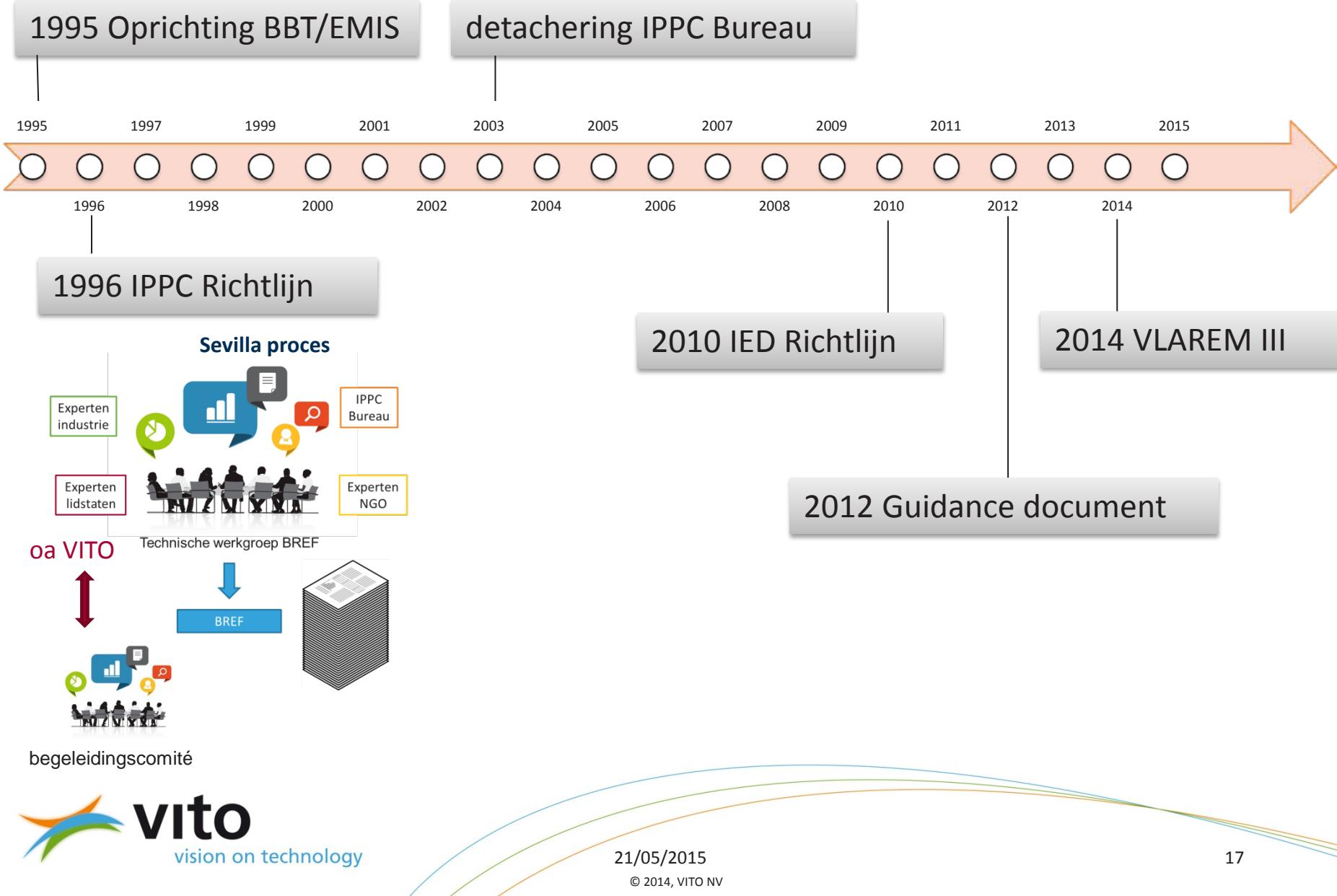


21/05/2015





# Europees BBT-werk



# IED vs IPPC wereld

## IPPC

Middelgrote TWG

Grote druk en verwachtingen

Ad hoc proces

Hanteerbare hoeveelheid data

Expert judgement

## IED

Grote tot zeer grote TWG

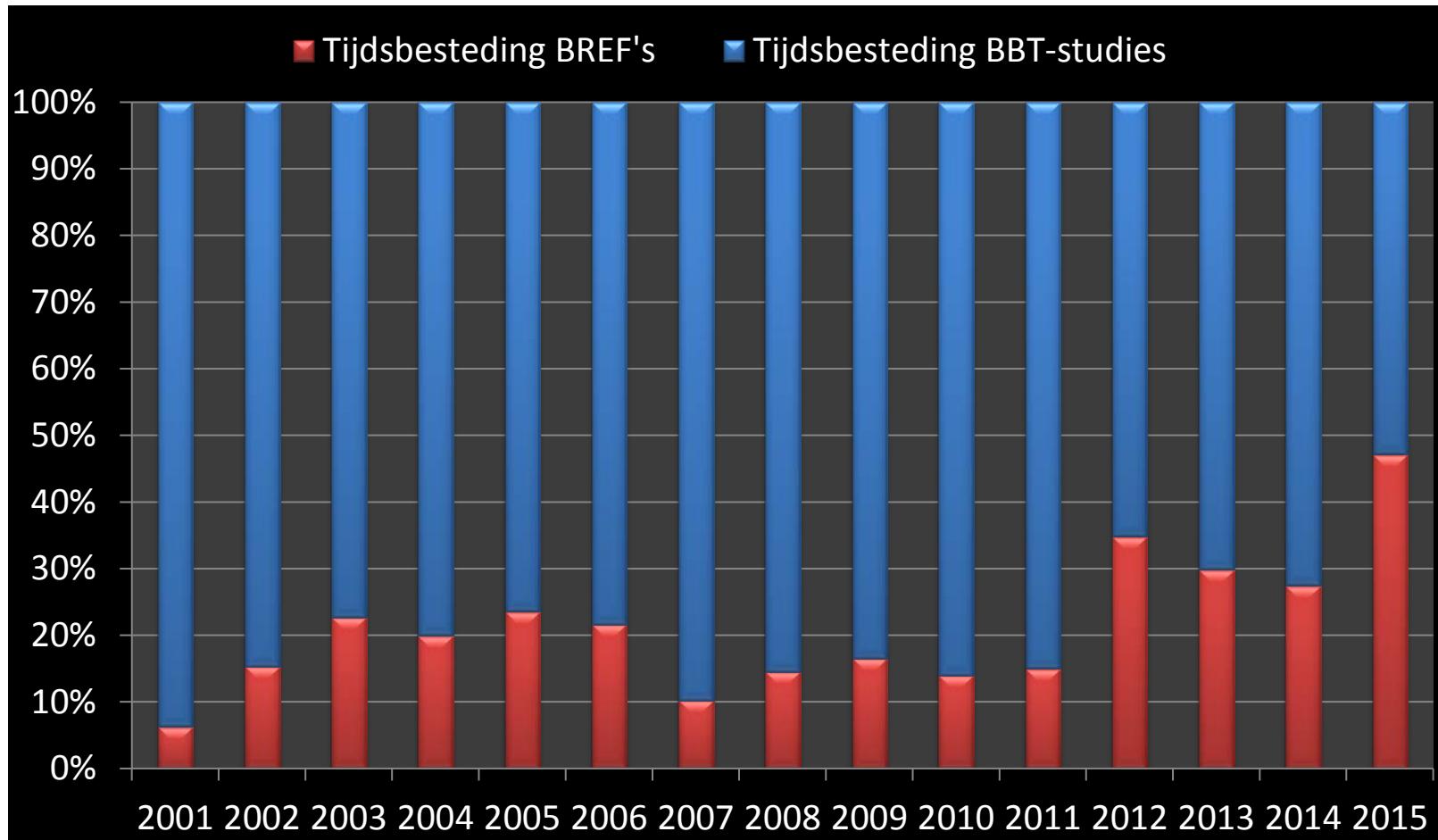
Zeer grote druk en verwachtingen

Systematisch proces

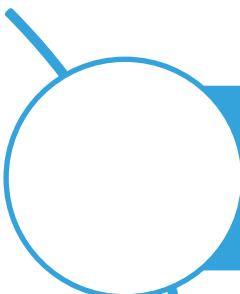
Questionnaires – veel data

Evidence + expert judgement

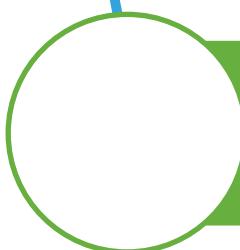
# IED vs IPPC wereld



# Toekomst Europees werk ?

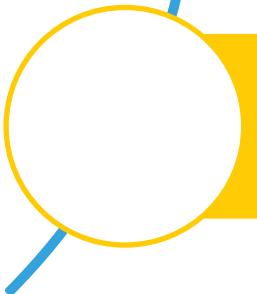


blijven waken dat info aangeleverd vanuit Vlaanderen/België correct wordt meegenomen in BBT-conclusies



focussen op specifieke punten

- belang voor Vlaamse/Belgische industrie
- aandachtspunten vanuit beleid



internationale workshop 2016

- Implementatie IED
- Integratie ketenaspecten

# Bedankt voor uw aandacht !