



N D I X  
Nederlands-Duitse  
-and-  
Niederlandisch-Deutsche  
Internet Exchange

Remco van Mook

CTO, NDIX

October 5<sup>th</sup>, 2006

# What is new?

- ▣ We have been very, very busy
- ▣ 200 members at the end of year (RIPE-52: 63 !)
- ▣ Across 45 Closed User Groups
- ▣ NDIX now open in:
  - ▣ Zwolle
  - ▣ Doetinchem
  - ▣ Hardenberg
- ▣ NDIX closed in:
  - ▣ Dusseldorf

# Progress in Germany

- About 25 German members
- New sites to open in Steinfurt, Emsdetten
- Sites planned: Nordhorn, Gronau

# Progress in Netherlands

- Opening this year in Ede, Den Bosch, Heerlen
- A bit further on: Nijmegen

# So what's the big picture ?

## Currently:

- Footprint of about 160km diameter
- ~500km of dark fiber
- 9 locations, 10 switches
- At the end of (maybe beyond) initial design criteria

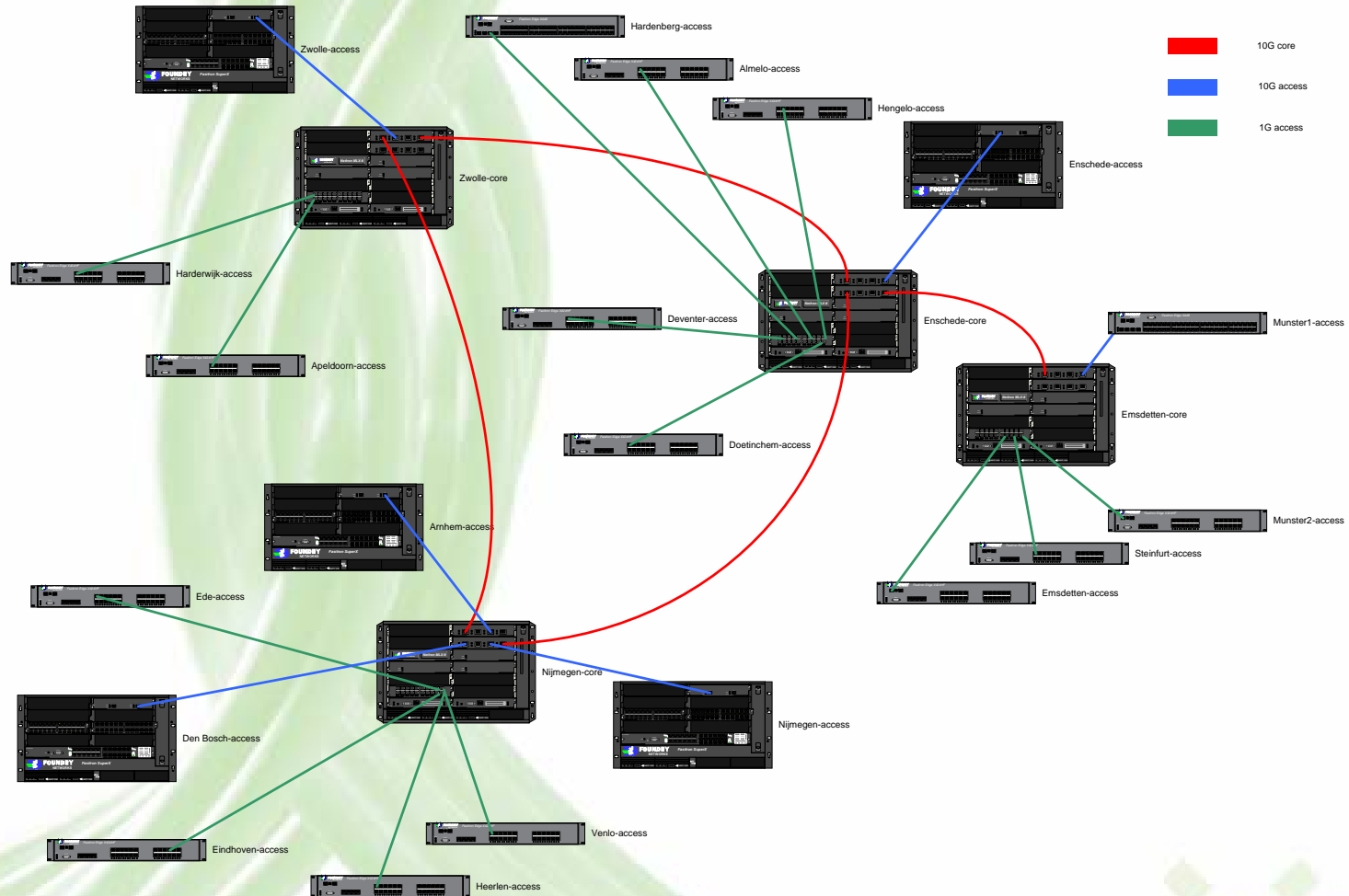
# So what's the big picture ?

- ▣ New design:
  - ▣ 20 initial locations, 24 switches
  - ▣ Should scale to ~50 locations, 70 switches
  - ▣ Two-tiered infrastructure

# So what's the big picture ?

- New core network
  - 10Gbps rings
  - CWDM to optimize fiber usage
  - Based on Mac-in-MAC
  - VPLS a backup strategy
  - 4 core nodes initially

# The big picture (with small letters)



# Questions ?

☐ Thanks for your time !