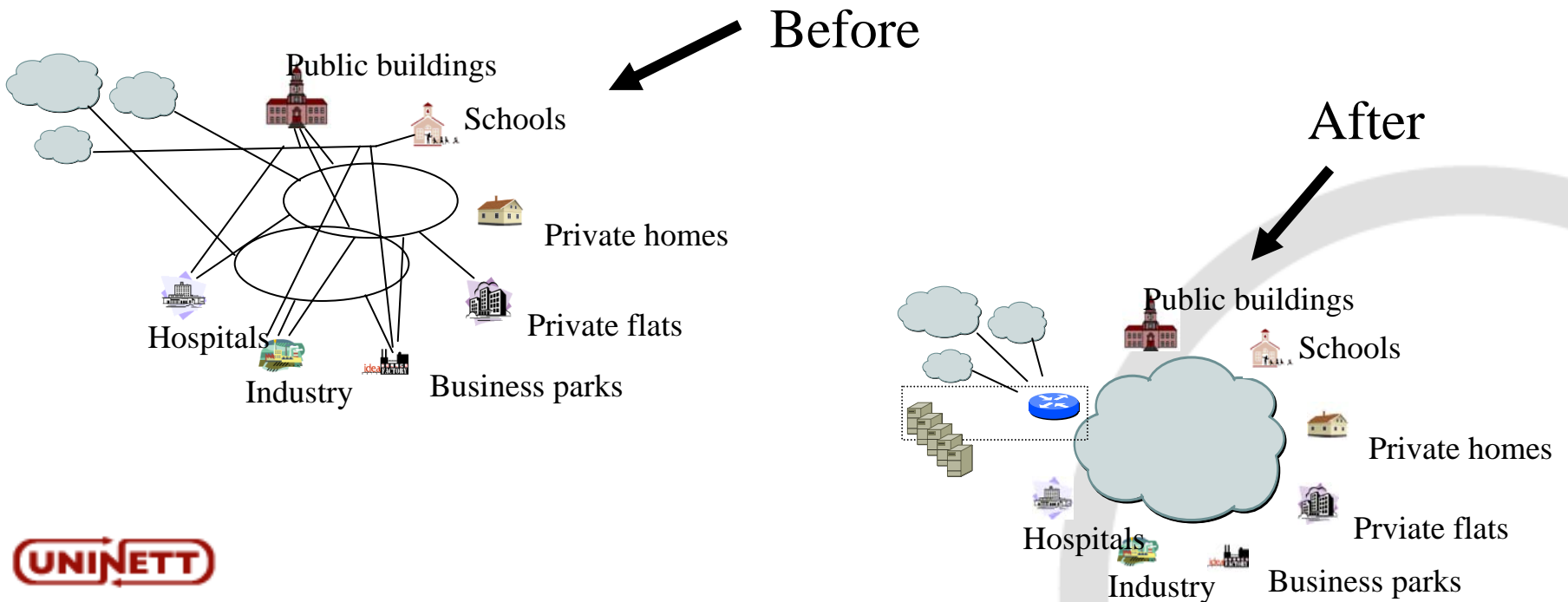




# History

- No fiber market for UNINETT
- "Fiberschool" project

2

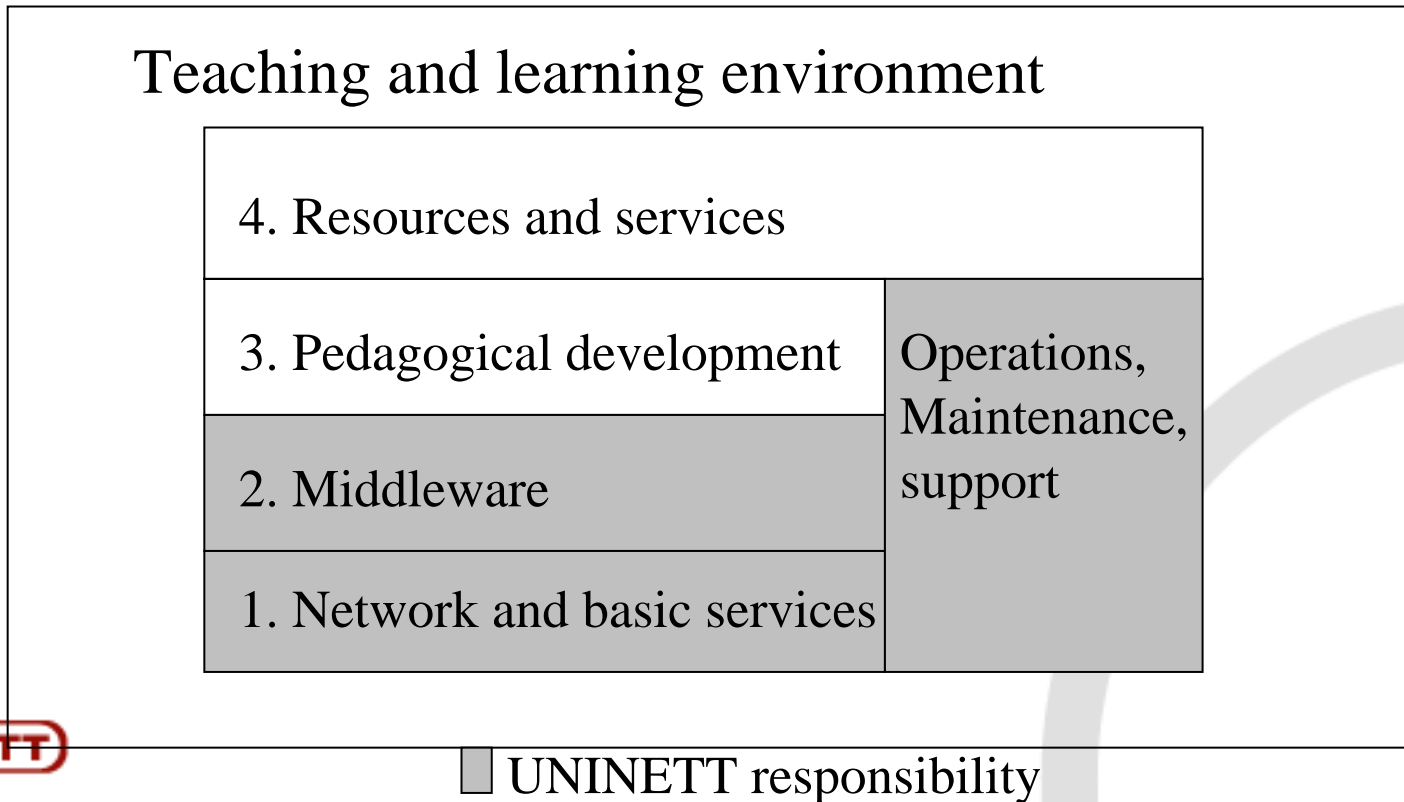


# Common interests

- UNINETT: fiber market for universities and university colleges (ca 50 institutions)
- Gov: digital infrastructure for all education (ca 5000 institutions)

# UNINETT subsidiary: ABC

- Original model (2002-2005, now 2008)



# ABC strategy

- Copy experience and knowledge from research networking through 15 years
- Pilots in schools
- Writing of recommendations
- Pushing of information
- On-demand consultancy
  - ◆ Call-centre
  - ◆ Personnel from university colleges

# Recommendations and factsheets

- Recommendations
  - ◆ eg. Internal infrastructure in school buildings
- Factsheets
  - ◆ eg. Wireless communications
- Other information
  - ◆ eg. PHD thesis on fibre infrastructures
- Working documents
  - ◆ eg. Centralized ICT operations

# Projects 2005

- Pilots: Fiber infrastructure to highschoools in the counties Troms and Nord-Trøndelag
- Pilot: Broadband to schools for teaching practices
- SOLID (decentralised consultancy)
- FEIDE2GO (authentication and authorisation)

# FEIDE2GO

- Common electronic IDentification (FEIDE)
- Focus on authoritative personnel and student systems
- FEIDE web-login
- Services: web-based email, LMS, ... The services must use FEIDE names for authentication
- Target 1: Giske community with 7 primary and secondary schools
- Target 2: Nordland county with 7 highschools

# Infrastructure pilots

- Transfer of knowledge and experience from NREN
- Broadband on fiber
- Schools are primary goal, but other public institutions may connect
- Basis for future recommendations
- Contribute to increased market competition and lower prices

# SOLID – regional consultancy

- 13 qualified ICT personnel from regional university colleges and universities
- 1-2 years of special education by UNINETT ABC
- SOLID personnel visit local community administrations
- Also part of ABC central consultancy service (helpdesk by phone or email)

# Experience

- Information market competition
- Shift in focus; from infrastructure to authentication and authorisation
- Advanced distributed operations is necessary due to lack of local competence
- A severe challenge to synchronize school networking with other community networking
- You need either strong standardisation or a lot of manpower to handle the very high volume of schools
- A national school network the only solution?