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Ministry of Science
Technology and Innovation

A demand-pull strategy when broadband coverage is high
– implementing the necessary steps for future development

WPIE Public Sector Broadband Procurement Workshop
4 December 2002

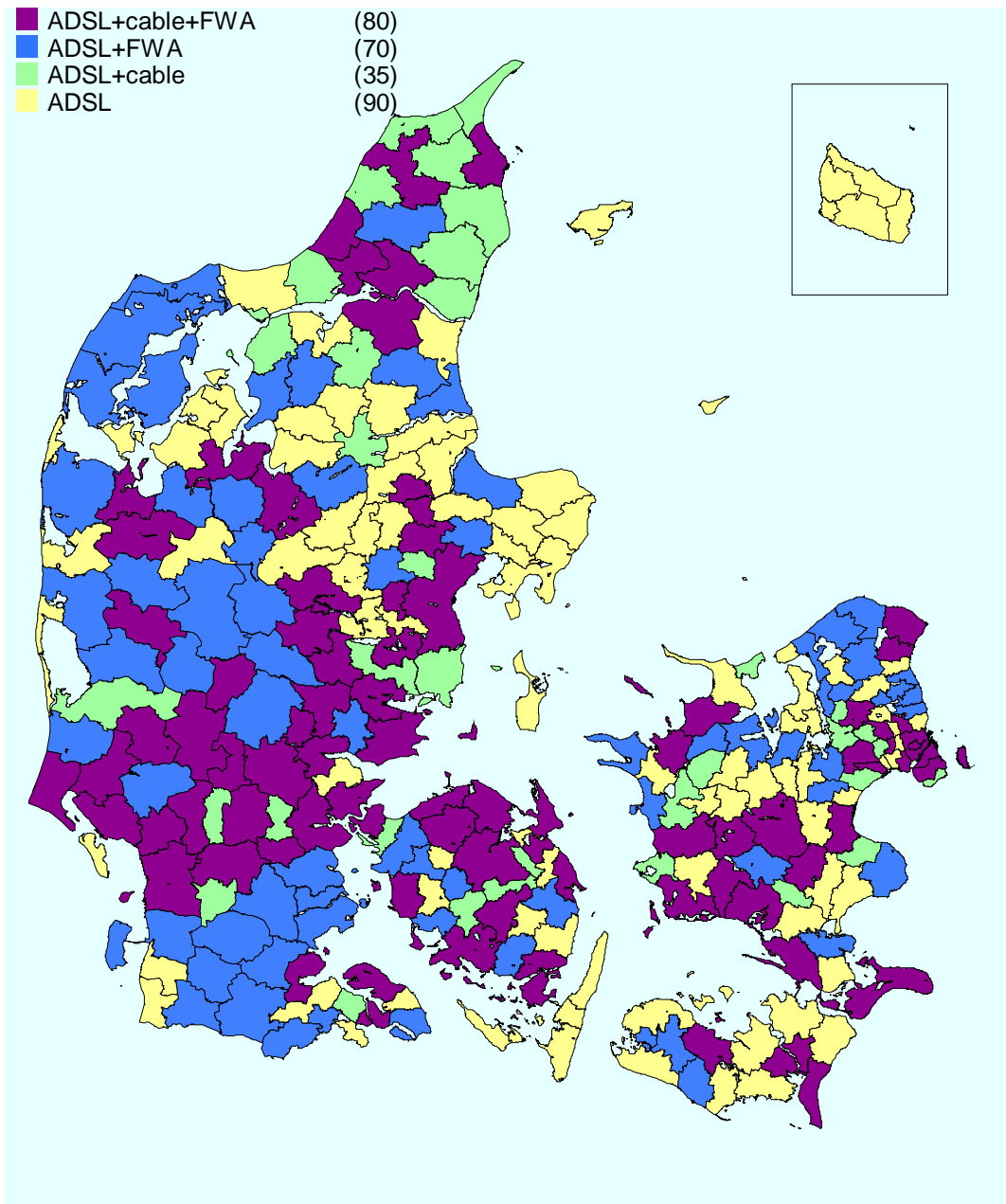
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Availability of high-speed services mid-2002

- ADSL, cable modem and FWA





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A market-based roll-out

- Nationwide digital infrastructure - up to 95 percent coverage – competing providers and access-technologies
- A market-based development - the roll-out has *not* included public subsidies or funding
- Geographical conditions and a relative high population density have accomplished a good framework
- Government has not found it necessary to use a procurement model to secure broadband availability in rural areas



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From Supply-Push to Demand-Pull

- The availability of high-speed services is still far in excess of the present penetration – approx. 14 percent of households and SMEs by mid-2002
- Steps for the necessary “take-up”



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"IT for All" - Denmark's IT and Telecommunications Policy – 2002

- The development must take place primarily on private initiative and on market terms
- Government will stimulate the development mainly by removing obstacles and promoting binding collaborations between public and private players
- It may be necessary in certain strategic areas for the state to be the prime mover



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"IT for All" - Denmark's IT and Telecommunications Policy – 2002 (cont.)

Strategy:

- More IT in Danish business and industry
- Competition within the telecommunications sector
- Strong IT competences in Denmark
- *An IT-based public sector*
- IT security
- Useful content on the Internet



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An IT-based public sector

- The public sector (central and local administrations) can act as a catalyst for the future development of broadband services since it is both a supplier of information and a customer in need of broader bandwidth to provide this information to citizens
- Public-private partnerships: re-use and value-adding of public data



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Project E-government

- *The e-government vision is to systematically use digital technologies to introduce new ways of thinking and transform organisations and work processes to improve the quality of service and efficiency*
- www.e.gov.dk



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Important pre-conditions for E-government

- The Danish XML project
- Digital signatures



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The Danish XML project

- Improve the exchange of data both internal in the public sector and between the public and private sector
- Improve the processing of data, and make easy access to already collected data and the re-use of these
- Make it easier to implement E-services



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The Danish XML project (cont.)

- Establishment of an Infostructurebase: information on how to gain access to sharing and delivering data in the Danish public databases
- Standardising work: standards for exchange of data between the public authorities and between public and private institutions
- www.oio.dk



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Digital signatures

- Development work on digital signatures is in progress in collaboration with the local authorities as a basis for the transition to e-government
- Advice and a help desk are available for use in connection with the installation of digital signature systems
- Local authorities will provide their residents with a digital signature