

Case Kuusiokunnat

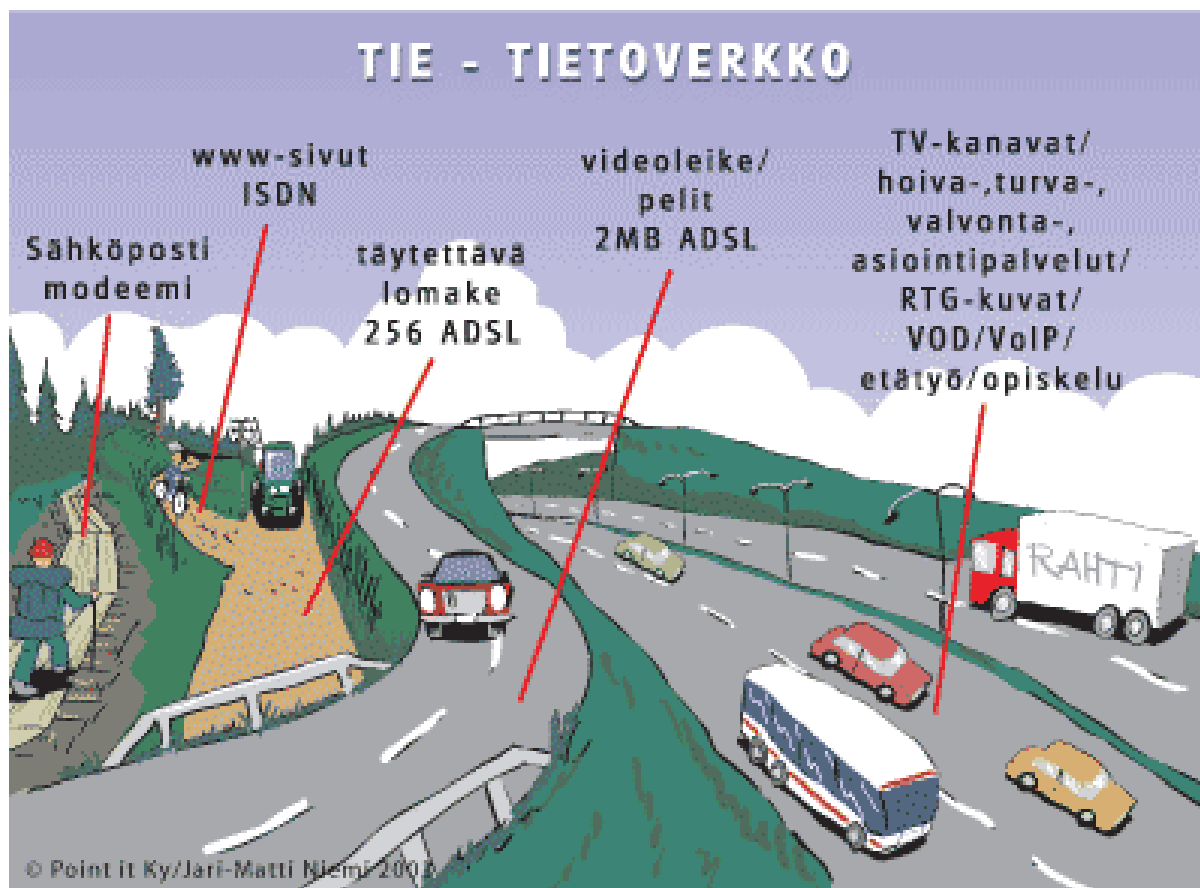
Tuija Riukulehto, CEO
Network Co-Operative
Kuuskaista

8.6.2005 Tuuri

What has happened?

- **1997** 6Net-subregional network (municipalities + 30-60 SME's), using Datanet service provided by TeliaSonera Finland
- **2001** People are starting to be restless concerning access
- **2/2002** Kuortane applied project funding to clarify what kind of connections are available in the villages, project started 6/2002
- **11/2002** Establishment of Network Co-operative Kuuskaista
- **2/2003** Application to TE center ("Trade and Employment Center")
- **8/2003** Decision of the funding, building started 10/2003
- **03/2004** Töysä decided to fund the II-phase
- **06/2004** Alavus, Kuortane and Soini has decided also to fund the II-phase (Lehtimäki and Ähtäri are still open)
- **07/2004** First 50 households were connected to network
- **09/2004** the II-phase will start

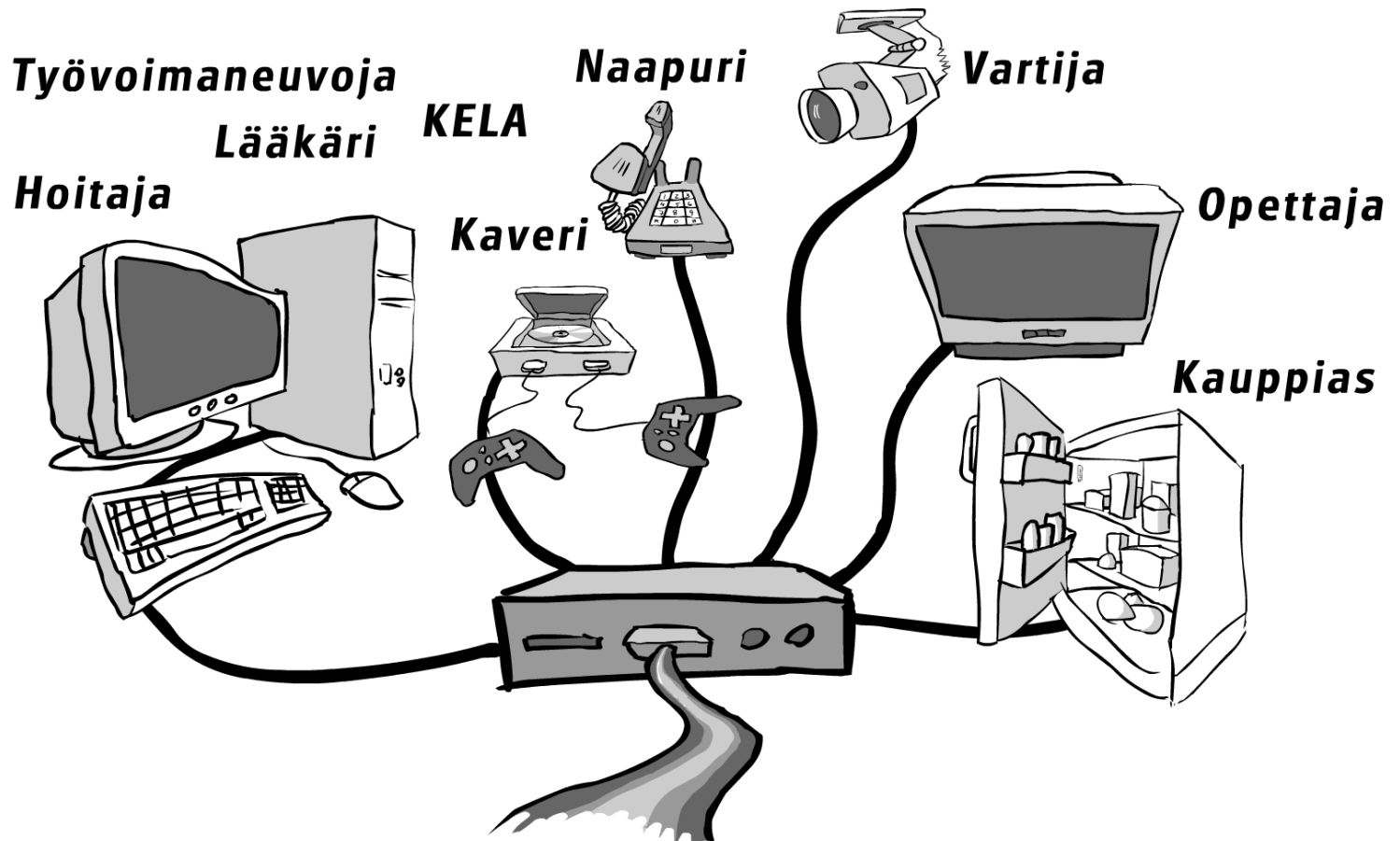
One picture tells you more than ...



Open Access

- Market place for service providers
- Customer can choose the service provider and services, more competition instead of monopoly
- Role of the Kuuskaista will be more and more as a owner of the network, not a service provider
- A great opportunity and challenge to service providers and operators to deliver services and invent new ones
- HOW INVENTS THE REAL KILLER APPLICATION?

Future proof, quality of life



Fiber to the home - FTTH

- **Minimum 10 Mbps** access, also other technologies can be used
- 1 100 € / fiber access(, wireless less)
- Price includes both installation of the fibers (panels etc) and residential gateway (3-8xRJ45, 2xPOTS)
- Monthly fee 40 € / kk (incl. access to the multiservice network and internet + other free services like must carry TV channels)

What about money?

- Totals:
 - Backbone 1,68 MEUR
 - I-Phase 2,625 MEUR
 - II-Phase 7-11 MEUR
- Average per household 4 800 € (from 3 000 up to 12 000 €)
- Average per km 5 000 € - 6 000 €

Funding

- Backbone (owned by municipalities)
 - 45 % EU + TE Center
 - 55 % municipalities
- I-phase (12 villages):
 - 45 % EU + TE Center / Employment dept.
 - 30 % municipalities
 - 25 % private (users/owners)
- II-phase (38 villages, incl. centers)
 - 45 % EIB loan
 - 30 % loan from municipalities
 - 25 % private

Guide line:

**It is allways too early to
give up!**

Model Kuuskaista

- Maintaining: VLP (telephone operator)
- Funding: private and public money and loan (governments acts needed)
- Responsibilities:
 - Kuuskaista: Network to the RG
 - Service providers: services
 - agreements
- Business model: Open Access
- All can be service providers, locally

Thank You!

More information

Verkkosuuskunta Kuuskaista

Tuurintie 2

63610 Tuuri

Tuija Riukulehto

www.kuuskaista.com