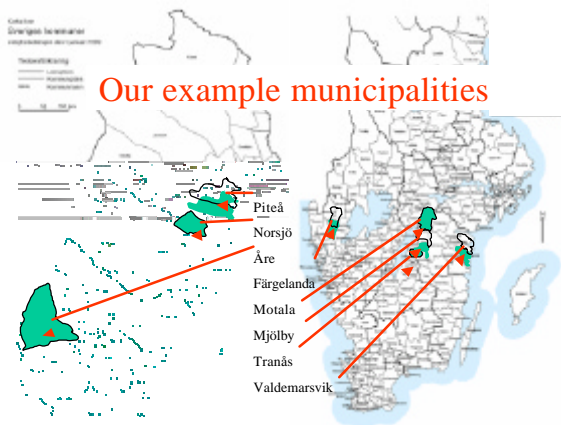# Community based broadband solutions

– examples from small municipalities in Sweden

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Where is Sweden?
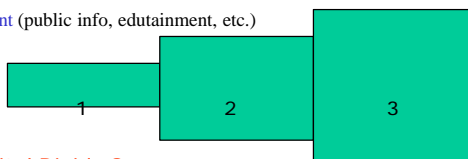

Our example municipalities

Piteå
Norsjö
Åre
Färgelanda
Motala
Mjölby
Tranås
Valdemarsvik

The communities

	area	inhabitants	People/km²
Piteå	3,086 km²	40,363	13.1
Norsjö	753 km²	4,689	6.2
Åre	7,331 km²	9,745	1.3
Färgelanda	592 km²	7,020	11.8
Motala	986 km²	42,175	42.7
Mjölby	550 km²	25,157	45.7
Tranås	404 km²	17,686	43.7
Valdemarsvik	734 km²	8,337	11.3

Expansion of e-communities

Dimensions of expansions
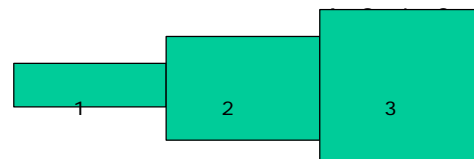
- Technical infrastructure—outreach + bandwidth

- Services (HomeCom, e-democracy, health care, etc.)

- Content (public info, edutainment, etc.)

Digital Divide ?

A socio-technical system

1) Appropriation   2) Objectification

3) Incorporation   4) Conversion

(Silverstone et al 1992)

Conclusions

- Growth areas remain in the front
- Public-private partnership
- Services related to locally experienced problems
- Expansion: decreasing or increasing digital divide?
- Lack of services delays broadband expansion
- "Wait and see"-situation occurs

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