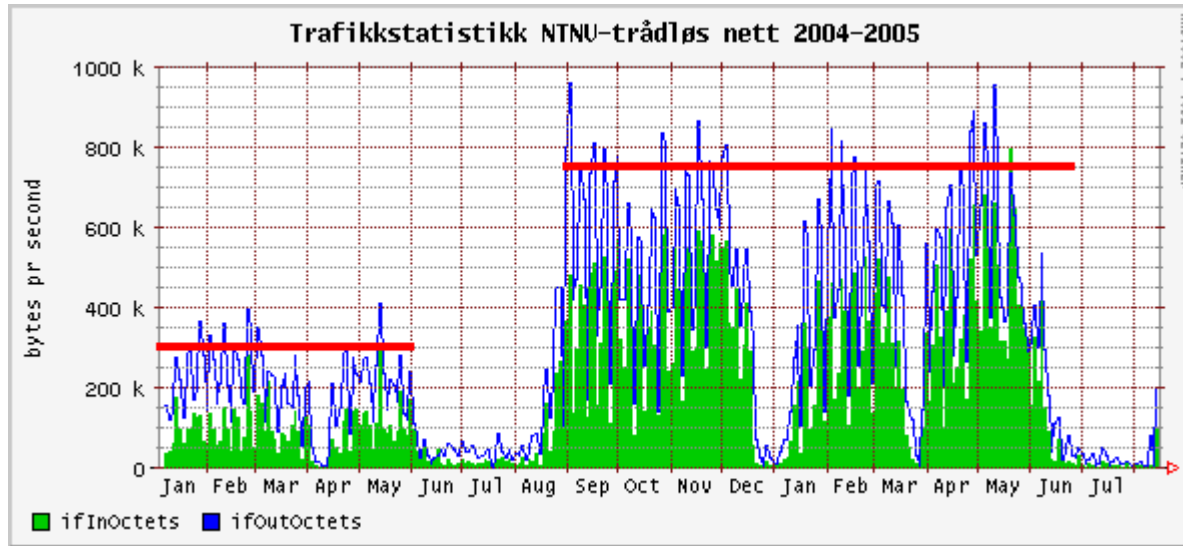


Wireless Trondheim

An experiment in providing
Broadband Everywhere for All



Timing – why Wi-Fi now?



Sequence of events

- 2005: NTNU decides to build 100% wireless broadband campus by 2009
- Mid-2006: Downtown outdoor net is decided
- Wireless Trondheim is organized as a company
- Company is to be in R&D modus first 3 years
- Commercialization of services planned from 2009
- Campus net and Downtown net: same technology

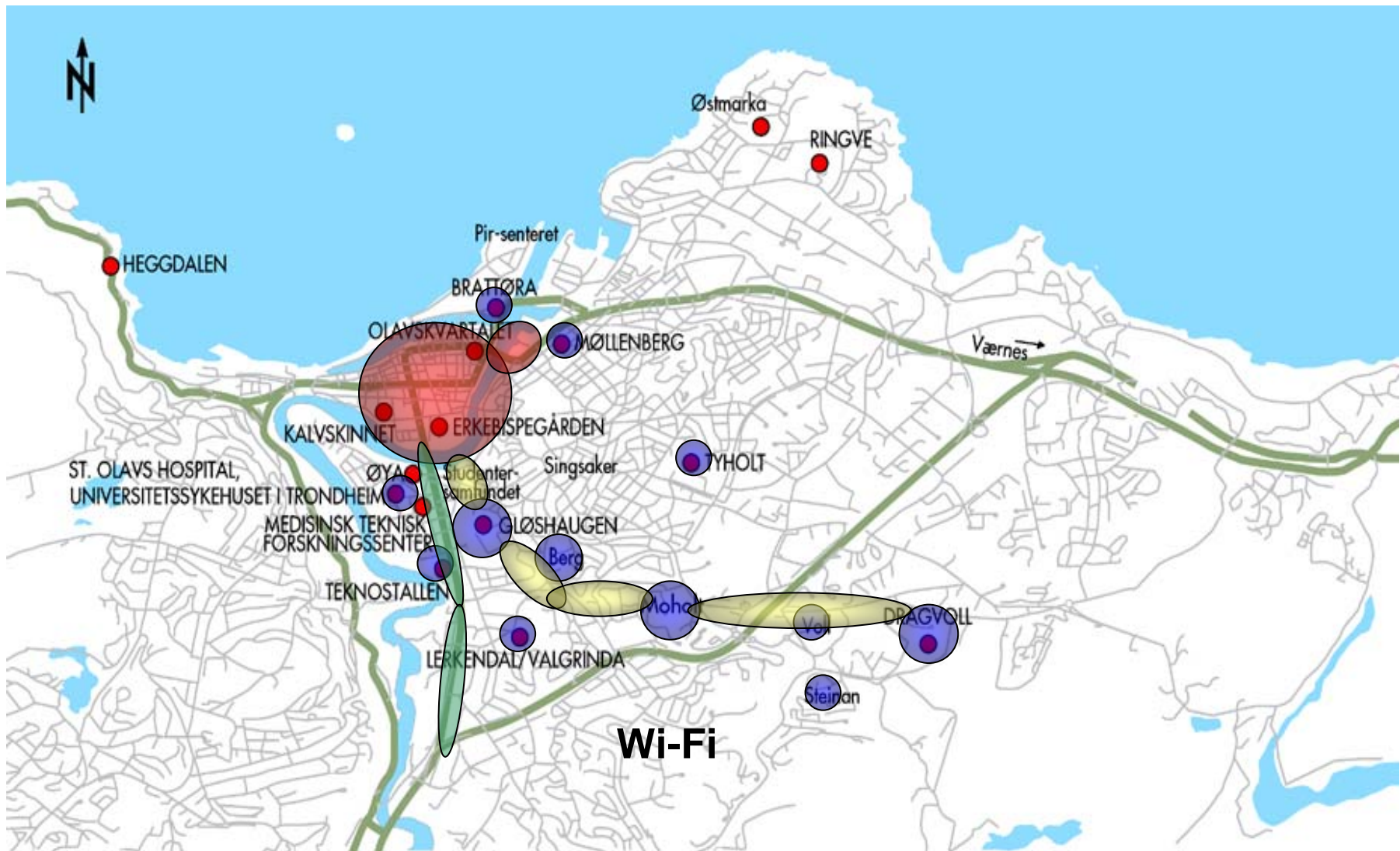
Infrastructure, some numbers

- Downtown net, 120 outdoor base stations
- Campus net
 - 2005: 200 base stations, indoor
 - 2007: 1000 base stations, indoor and outdoor
 - 2008: 1800 planned base stations
- Campus net and downtown outdoor net are seamlessly connected
- Downtown net may be viewed as technical extension of campus net





Wireless Trondheim 1. stage



TRIMAKS – Trondheim Informasjonsnett Moderniserings AKSellerator

- Infrastruktur – TrådløseTrondheim
- Nettlaboratorium – ny trådløs nett-teknologi
- Tjenestelaboratorium – nye informasjonstjenester i trådløse bredbånd