

Traficom's views on licensed shared access (1/3)

- ▶ Interesting Finnish research projects in the past, e.g.
 - ▶ CORE and CORE++: Environment for Cognitive Radio and Networks 2011–2014
 - ▶ World first ASA trial, created a tight cooperation network among the players in Finland, high quality international cooperation, good results and publicity.
 - ▶ <http://core.willab.fi/>
 - ▶ uO5G: Micro operator concept for boosting local service delivery in 5G, 2016–2018.
 - ▶ <https://www.oulu.fi/uO5g/>

Traficom's views on licensed shared access (2/3)

▶ Current regulation

- ▶ Traficom grants licenses for local 4G/5G use in 2300–2320 MHz and 24.25–25.1 GHz. No LSA schemes used.
<https://www.traficom.fi/en/communications/communications-networks/local-4g5g-networks>
- ▶ Traficom provides a search tool for license-exempt radio microphone users in bands used for terrestrial TV. <https://www.traficom.fi/en/services/search-microphone-frequencies>
- ▶ Regulation enables dynamic shared use of 1427–1518 MHz for electronic communication services and military applications.
- ▶ Legislation enables register notification in addition to licenced and licence-exempt use.

Traficom's views on licensed shared access (3/3)

▶ Future outlooks

- ▶ Traficom supports development of shared access schemes.
- ▶ There is no clear demand for LSA from spectrum users.
- ▶ There are no identified spectrum bands for LSA.
- ▶ 66–71 GHz band was of interest for licensed/registered shared access but is an SRD-band (licence-exempt) in Europe.