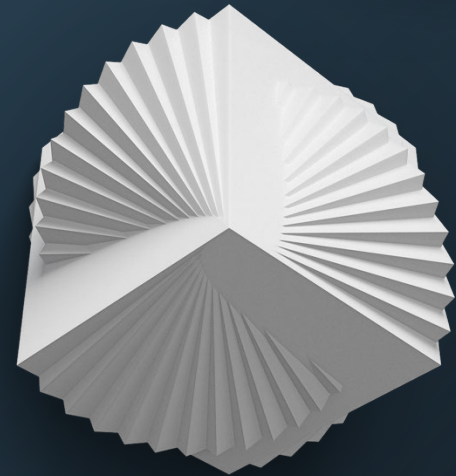
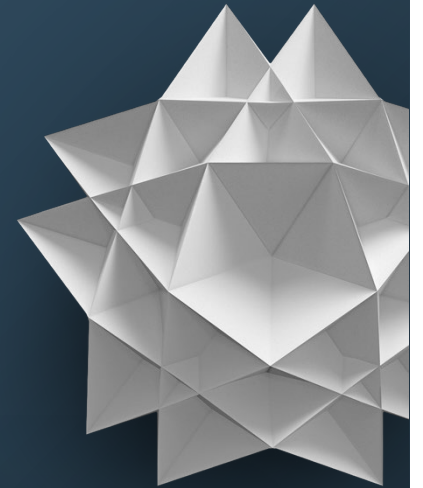


Network Sharing Agreements in the Czech Republic

ACE Lisbon Conference,
17 November 2022

Benno Buehler, David Kovo, Marc Ivaldi, Steffen Hoernig



Network Sharing Agreements in the Czech Republic - Speakers



Chair: **Benno Buehler**

*Vice-President at
Charles River
Associates*



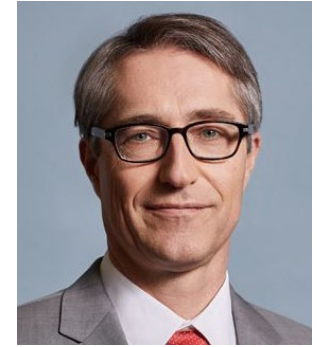
David Kovo

*Member of the Chief
Economist Team (DG
COMP)*



Marc Ivaldi

*Academic Affiliate of
NERA, and Professor of
Economics at Toulouse
School of Economics
and at Ecole des
Hautes Etudes en
Sciences Sociales*



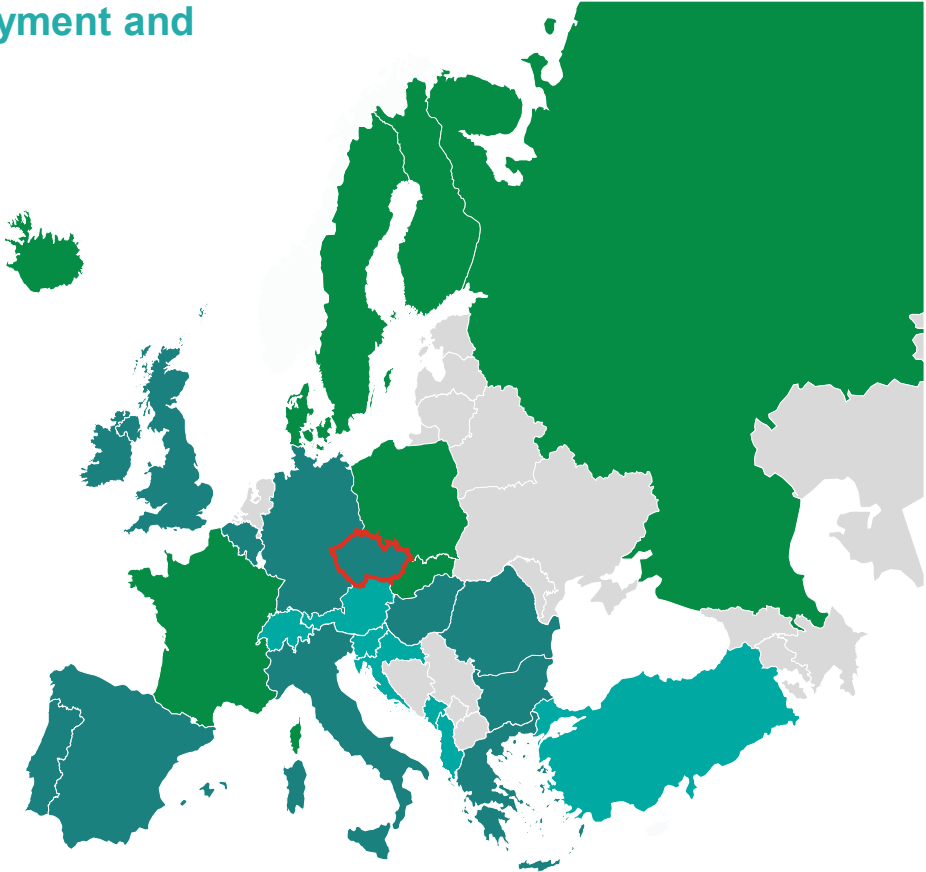
Steffen Hoernig

*Professor of Economics
at Nova School of
Business & Economics*

Network sharing has become popular across Europe

Examples of active sharing with joint deployment and spectrum sharing

- SE 2001 3G (with spectrum sharing)
- SE 2009 2G/4G (with spectrum sharing)
- UK 2007/2012 3G,4G
- PL 2011 2G/3G/4G (with spectrum sharing)
- DK 2012 2G/3G/4G (with spectrum sharing)
- RO 2013 2G/3G/4G
- **CZ 2013 (2G/3G) and 2014 (4G)**
- FR 2014 2G/3G/4G
- FI 2014 2G/3G/4G (with spectrum sharing)
- IE 2014 4G
- HU 2015 4G (with spectrum sharing)
- IT 2020 4G/5G
- PT 2020 2G/3G/4G
- BE 2021 2G/3G/4G/5G
- DE 2021 4G



Various 5G arrangements announced in recent years, including Vodafone/O2 (UK), Telenor/Tele2 (SE)



Active network sharing with spectrum sharing



Active network sharing without spectrum sharing



Passive network sharing or national roaming arrangement