## **Decentralised Cross-Border Interconnection**

Claude Crampes<sup>a</sup> and Nils-Henrik M. von der Fehr<sup>b</sup>

Reaping the full benefits from cross-border interconnection typically requires reinforcement of national networks. When the relevant parts of the networks are complements, a lack of coordination between national transmission system operators results in investment below optimal levels in both interconnectors and national infrastructure. A subsidy to financially sustain interconnector building is not sufficient to restore optimality; indeed, even when possible, such subsidisation may have to be restrained so as not to encourage cross-border capacities that will not be fully utilised due to lack of investment in national systems.

a Toulouse School of Economics, claude.crampes@tse-fr.eu. C. Crampes' research was supported by the TSE Energy and Climate Center and the grant ANR-17-EUR-0010 (investissements d'Avenir program).

b Corresponding author. University of Oslo. E-mail: n.h.m.von.der.fehr@econ.uio.no.