

Issues are broadly recognized

- **low-inertia issues were not really on the radar** (outside few places, e.g., Ireland) until eight years ago

→ led to almost comical situations ...

Biblis A generator stabilizes the grid as a synchronous condenser



SIEMENS

USING DECOMMISSIONED NUCLEAR POWER PLANT AS SYSTEM SERVICE PROVIDERS

REPORT 2017:348

 Energiforsk



challenges: low-inertia stability, grid-forming control, & fast frequency support

→ industry & academia joining forces & willing to explore **green-field approach**

- since 2015: EU **MIGRATE** project & successors (OSMOSE, POSYTYF, ...)



- across the pond:

unifi
consortium