

Digitalisation and Data Spaces for the Future Weather-driven Energy System

Experience from Center Denmark



Henrik Madsen

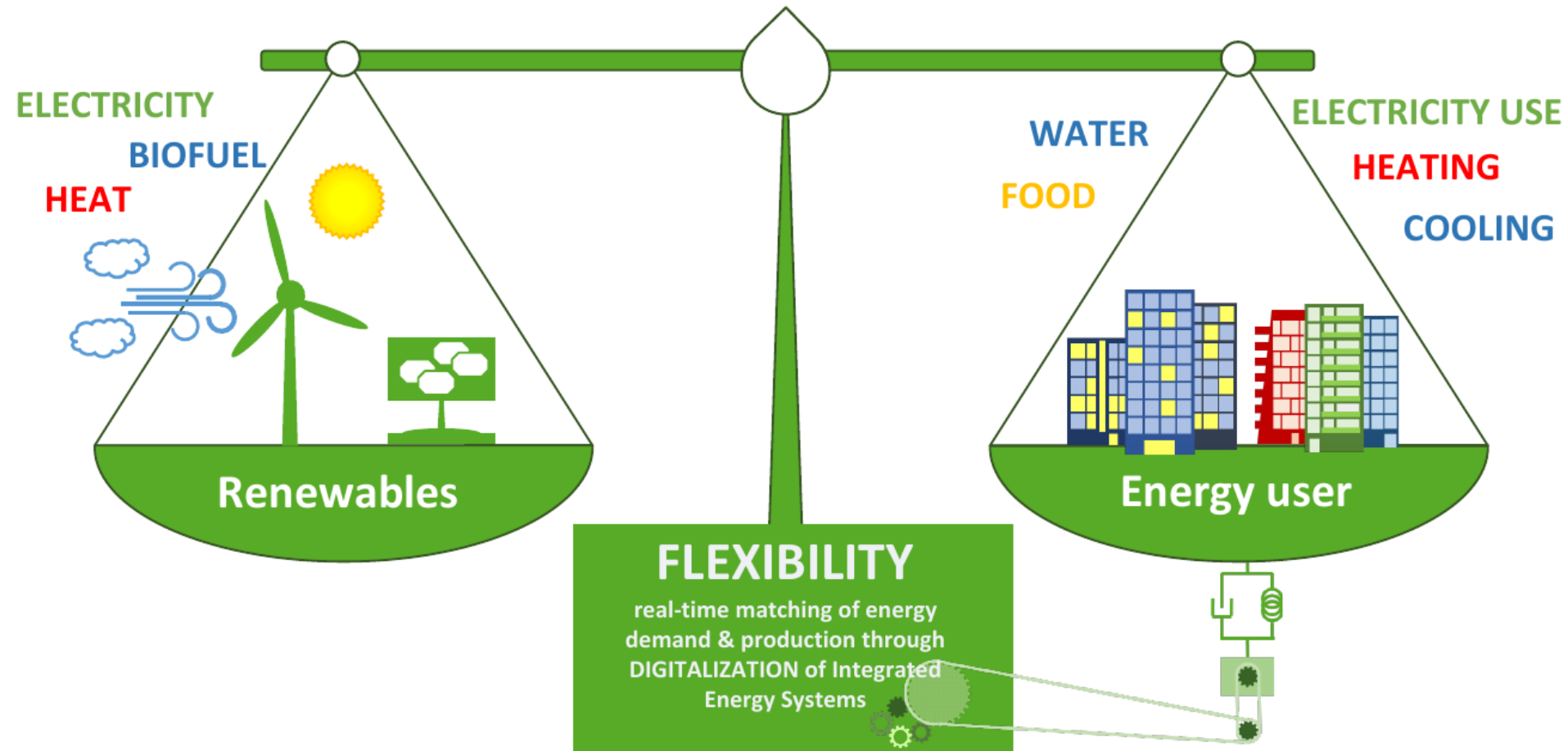
Applied Mathematics and Scientific Computing (DTU)

<https://www.flexibleenergydenmark.dk/>

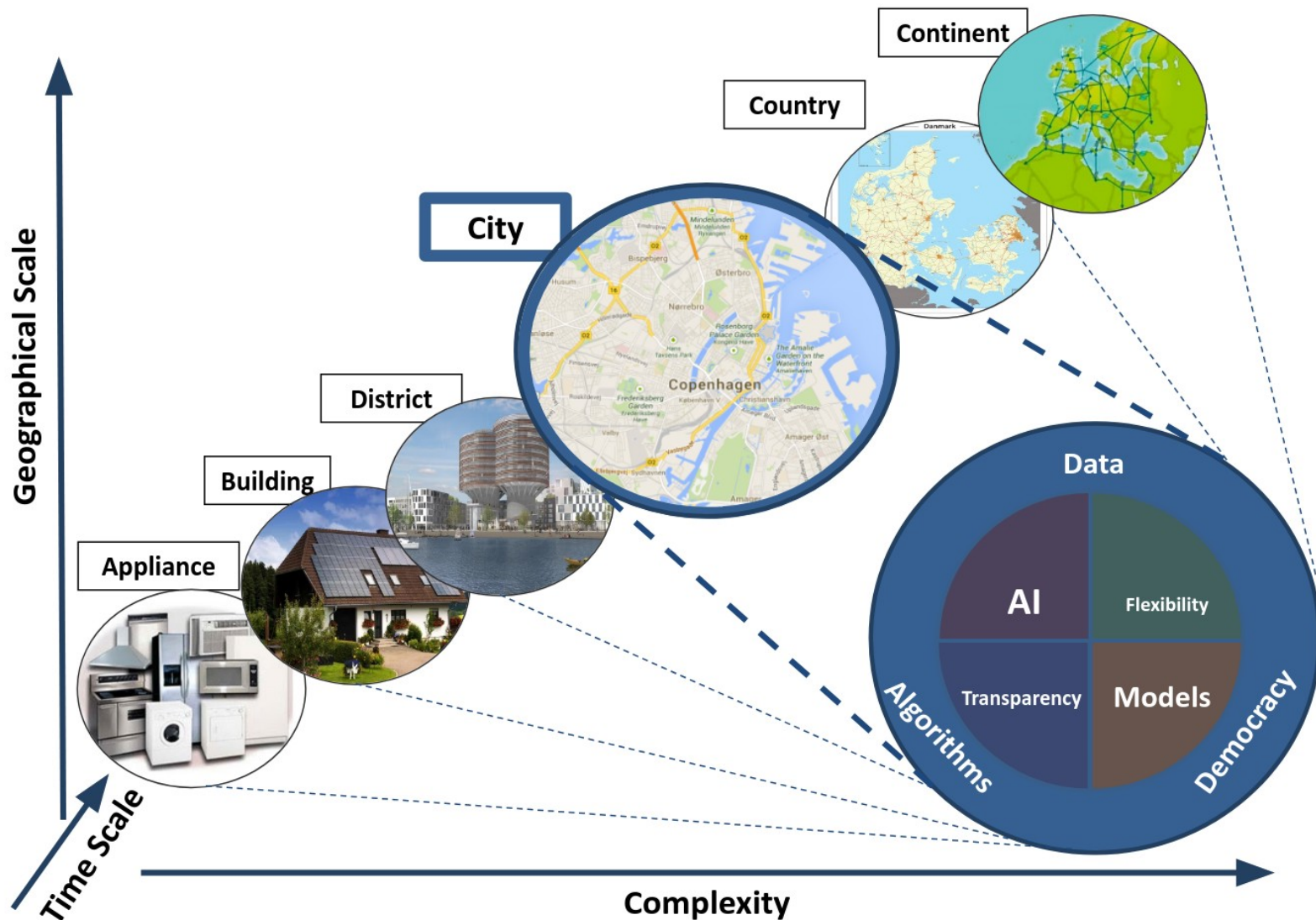
<https://www.smart-cities-centre.org>

<http://www.henrikmadsen.org>

The Challenge: Denmark Fossil Free 2050

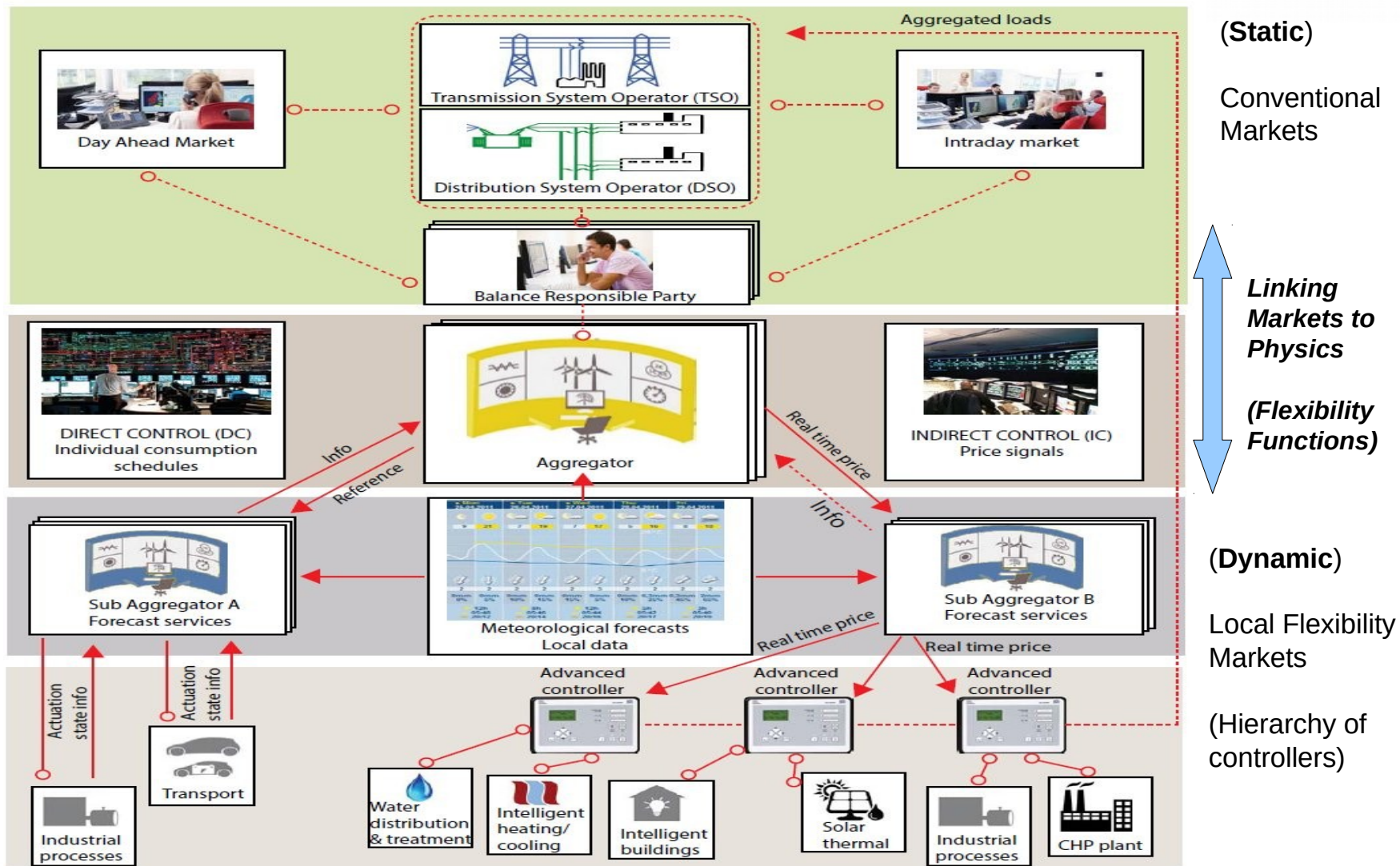


Temporal and Spatial Scales



Smart-Energy OS

The Transformative Power of Digitalisation



Center Denmark Control Room and Data Space Spatial-Temporal thinking



We aim at establishing a trusted data-sharing data space which put priorities in cyber security and in empowering the customers such that they are able to provide flexibility without being subject to disproportionate technical requirements, administrative requirements, procedures and charges