

DENMARK

- **Offshore Wind:** Denmark will construct two of the world's first energy islands, utilizing its abundant wind energy resources in the North and Baltic Seas. The artificial islands will be constructed with the capacity to serve as a hub for up to 3 GW of offshore wind farms initially, and potentially up to 10GW in the future.
- **Hydrogen & Power-to-X/Alternative fuels:** Denmark is leading the way when it comes to the development of green fuels enabling it to become a Northern European power centre for the production and export of green power and green fuels, and a leader in the development of PtX technology. Denmark recently launched the world's first "green container ship" running entirely on green methanol.
- **Smart cities:** Denmark is one of the leading European nations in working with Smart City initiatives. In particular Copenhagen and Aarhus are far along in implementing these initiatives.
- **Future Mobility:** a number of Danish municipalities, the Capital Region, the Secretariat for Cycle Superhighways, the Confederation of Danish Industry, and the Ministry of Transport have demonstrated the enormous cost-benefit gains from encouraging more people to move about actively. Tech solutions such as the Danish route planner Rejseplanen and the travel card system Rejsekortet also help make trips and combined trips with public transport more seamless. They are especially helpful to cyclists – particularly when there are good bicycle parking facilities at stations and bus stops. Rejseplanen is currently working on greater integration of bicycle trips on your own bike or a city bike with the route planning system.