

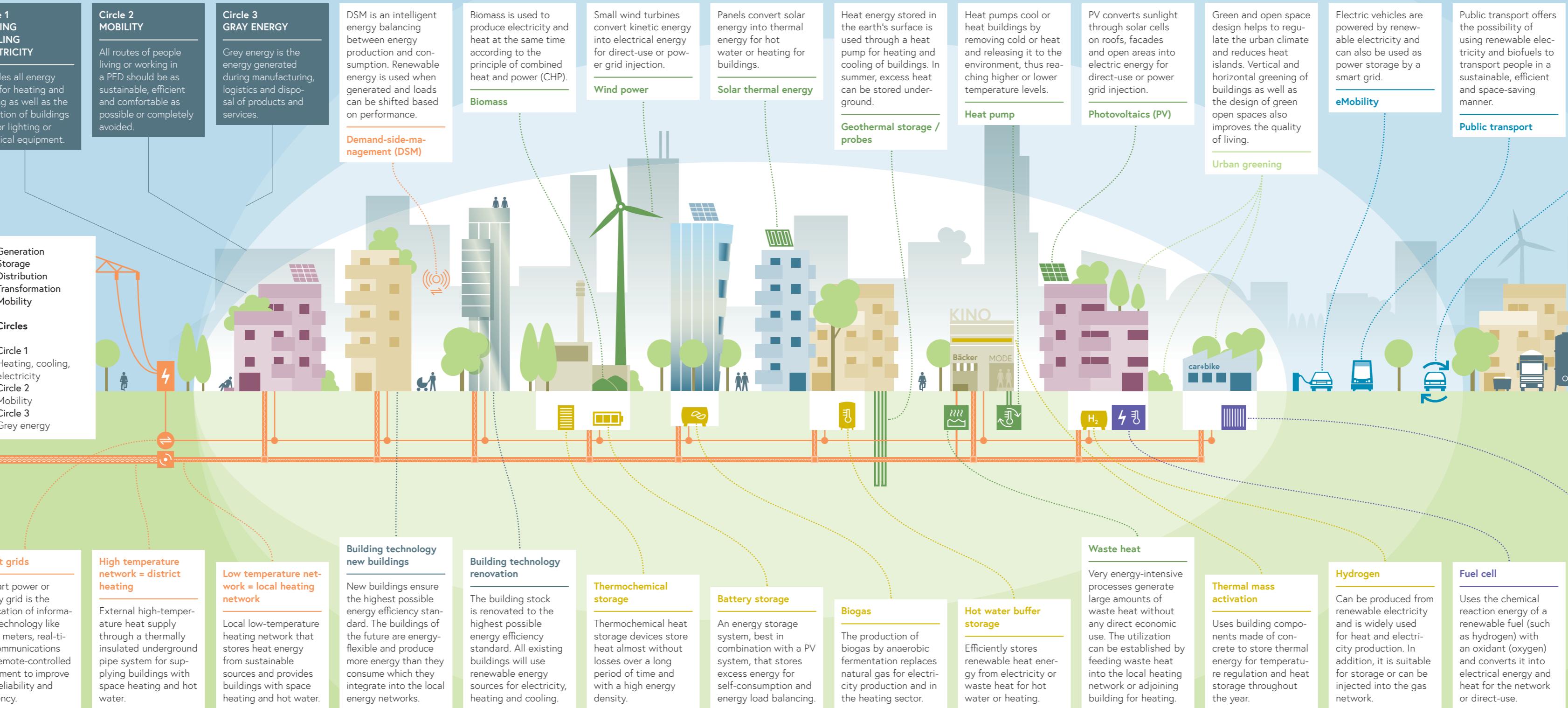
Energy Innovation for the City of Tomorrow

The Austrian Federal Ministry of Transport, Innovation and Technology (BMVIT) is committed to the implementation of positive energy districts (or neighbourhoods) as a mission of "City of Tomorrow". It will do so by funding research and development on urban technologies, technological systems and services, and taking into account the growing importance of digitalization.

The information given here serves as a first reference to assess the role of plus-energy technologies, system integration and determine system boundaries. The focus lies on innovative technologies and systems for energy generation, distribution, transformation and storage as well as the optimization of energy consumption in buildings or urban neighbourhoods, as well as efficiency and building technologies in new constructions and renovations.

A plus energy district (PED) or neighbourhood ...

- ... aims for a positive annual energy balance
- ... uses renewable energy, sector coupling and energy flexibility
- ... is network compatible, improves grid operation and makes an essential contribution to the renewable energy system
- ... includes several buildings and uses synergies of mixed uses
- ... strives for the highest possible building quality for new construction and renovation
- ... achieves a high level of energy direct-use or power grid injection
- ... uses sustainable business models for buildings, energy efficiency and renewable energy production and usage



Federal Ministry
Republic of Austria
Transport, Innovation
and Technology

Plus Energy Districts

City of Tomorrow