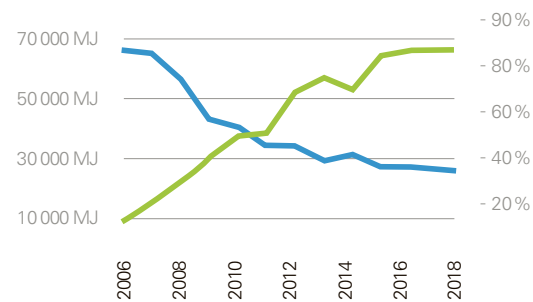


## Environment

The aim of the joint Empa-Eawag energy supply project known as “Energie-Areal Empa Eawag” is to reduce CO<sub>2</sub> emissions in the buildings and operations sector by up to 60% compared to 2012. The two institutes are therefore expanding their mid-temperature network, and the construction work required for this purpose was carried out in 2018. Eawag’s main building and additional newer or refurbished buildings on the campus are now being connected to this network. Research facilities and cooling machines in particular create a lot of waste heat on the site, not all of which is currently used. From 2019, however, thanks to the mid-temperature network, older, poorly insulated buildings can be heated to the previous high-temperature level with the aid of innovative heat-pump technology. Excess waste heat is also to be held in an underground thermal energy store for use during cold periods. The phase-out of the existing high temperature network will reduce emissions and costs.

### Energy consumption per capita

**Energy consumption** MJ/FTE  
**Renewable energy share** in per cent



### Photovoltaic electricity generation

**Solar power** kWh

