

Energy transition: a common endeavor





Important actors



Pilots
Neighborhoods
villages

Local actors

citizens
(organisations)
corporations/
building owners
tenants
entrepreneurs

...

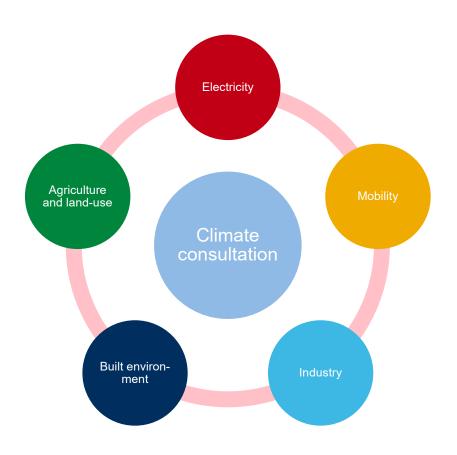
Regional actors

provinces
waterboards
corporations
grid operators
heating utilities

. . . .



Sectors involved in Climate Agreement

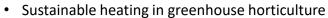






- Phasing out coal-fired electricity production by 2030
- Accelerating renewable energy (subsidized until 2025) to 70% in 2030
- CO2-minimum price for electricity-production





- Improved processing of manure to reduce livestockemissions
- Exploring storage of carbon in soil and vegetation through pilot programmes and increasing forested surface

Electricity

Climate
Agreement:
19% reduction
in 2030
relative to

100% new-sold passenger cars zero-emission by 2030

 Promoting EV by taxation measures and 1,8 million charging points by 2030

Modal shift to bicycle/public transport and smart logistics



- Enhancing EE of 1,5 million houses and 1 million utility buildings
- New buildings will no longer be heated with natural gas
- Municipalities lead a local, participative approach to make housing emission free, neighborhood by neighborhood

Built environment

Agriculture and land-use

Industry

- Targeted carbon levy on every ton CO₂ emitted exceeding a fixed reduction path (push)
- Broadening the scope of subsidy scheme (SDE++) incl. limited subsidy for CCS (pull)
- Public-private innovation program for cost reduction in low carbon technologies
- Industrial cluster approach (incl. sector coupling)





Regions are connected to Climate Agreement











Pilot programme for natural gas-free Districts

Goals:

- Pilot for phasing out natural gas in 27 neighborhoods
- All parties involved
- Makes ambitions visible
- Mutual learning and gathering knowledge





Lessons learned

- Transparency about the process, management of expectations
- Provide sufficient resources, also on local level
- Be flexible and anticipate on taking on board new know-how
- Multi-level governance: not only between levels of government but also involvement of other stakeholders. Know the relevant actors
- Most important: involve local decision makers