

Growth and reinforcement

Building on last years' trends, the number of solar and wind projects and energy cooperatives continues to increase. They are financed, developed, managed and/or owned collectively. Together, they generate enough local power to fuel 85,000 households. Through their activities in virtually all municipalities, citizen cooperatives contribute to a sustainable energy supply, a pleasant living environment, a strong community and a stable economy. In this light, the 2017 Local Energy Monitor offers a view of a unique movement: the bottom-up energy transition.

ENERGY COOPERATIVES: FACTS AND FIGURES

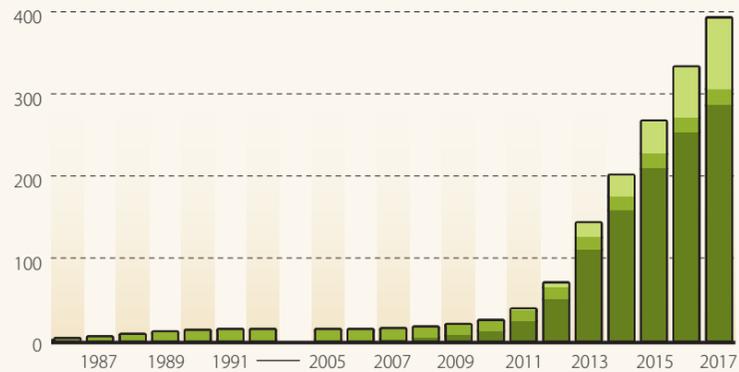
Local cooperative Wind cooperative Cooperative project

New energy cooperatives and cooperative projects founded in 2017:



Cooperative projects have been founded by an existing cooperative or a new initiative for a single project. The graph only shows cooperative projects by new initiators.

Total energy cooperatives (with cumulative growth):



ENERGY COOPERATIVES PER PROVINCE, INCLUDING COOPERATIVE PROJECTS BY OTHER INITIATORS

North Holland has the highest number of cooperative projects, while local cooperatives most frequently appear in Friesland.

Local cooperative Wind cooperative Cooperative project with a third party



SOLAR ENERGY

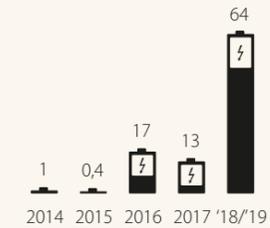
Collective solar projects: facts and figures.

100 new projects in 2017

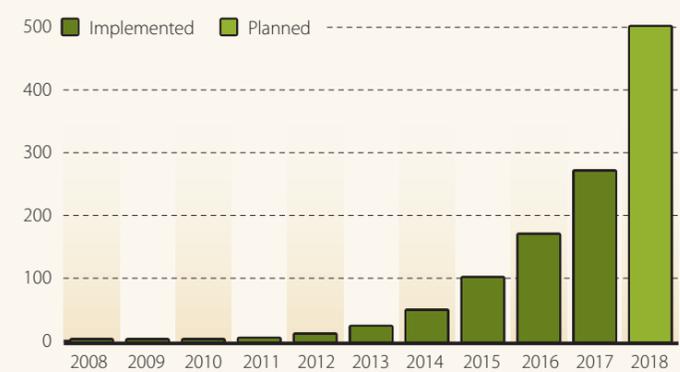
Annual new power generation in MWp:

229 planned projects for 2018/2019

13 MWp of power generated in 2017 (total of 37 MWp)



Annual solar projects (cumulative): total of 269 projects and 37 MWp



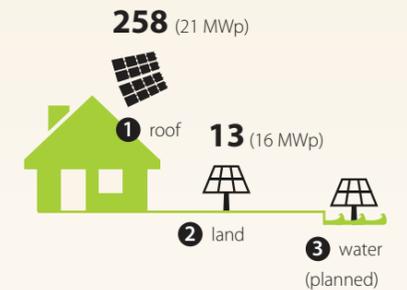
RELEVANT REGULATIONS

Three options exist.

- Option 1** Postcode rose regulation ('Postcode-roosregeling' or 'Regeling verlaagd tarief'), in which participants receive an energy tax benefit. In 2017, 63 new projects used this regulation, for a total of 112 projects and 9 MWp.
- Option 2** SDE+ Subsidy Scheme. In 2017, 30 new projects used this subsidy, for a total of 82 projects and 24.5 MWp.
- Option 3** Netting, in which the resupply of energy is offset. In 2017, eight new solar projects used netting.

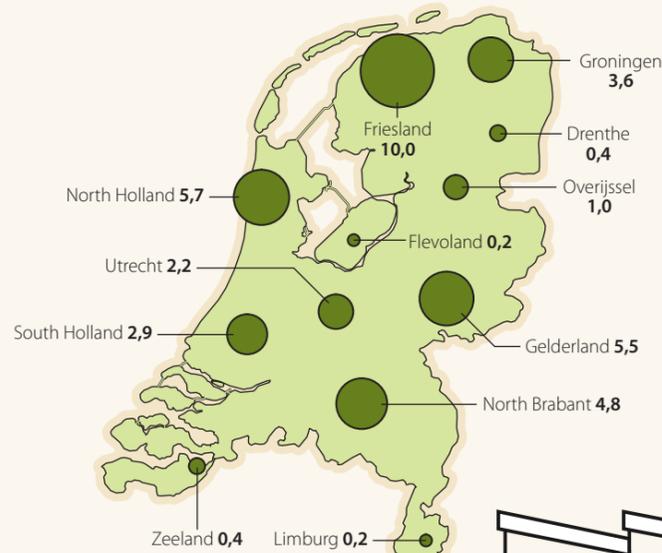
LOCATION OF SOLAR PROJECTS

Total number in 2017.



POWER GENERATION

Solar power generation per province, in MWp.



WIND ENERGY

Wind projects: facts and figures

3 new projects in 2017

16 planned projects for 2018/2019
104 MW of new power expected

118 MW of power generated in 2017

Power generated (with cumulative growth), in MW:

