Part of districts and municipalities communities are the born strategic partners of the district government

How do districts and municipalities benefit from renewable energies?

- Responsible for land-development-plans and permissions
  - They have areas for bio mass and wind energy
  - They have buildings and consume energy
  - They have nearest contact and are close to the citizens
  - They create models and good examples for imitation

Regional banks as lenders

Local planning bureaus for expert opinions, ecotest

Orders for local construction and electro enterprises

Local planning bureaus for the updating of the land-use-plan

Jobs

Rental incomes

Tax incomes

model part

organizer of local networks

Session 1-B, public participation and community power, Head of the district retired Mr. Bertram Fleck, September 07th, 2017, Nagano
The share of renewable electricity in the district probably will be at 298 % by the end of 2017

Total power consumption 468 Mio. kWh in 2014

1,398 Billion kWh

To the grid, approved and in construction in 2016
16 turbines
117 MW capacity

Since 2010: Pilot project river turbines in the Rhine at St. Goar

Wind energy
State by the end of 2015
249,62 %
Ø Federation 11,0 %

Photovoltaic
16,73 %
Ø Federation 6,0 %

Bio mass
7,09 %
Ø Federation 7,8 %

In operation by the end of 2015

252 turbines
631 MW capacity

4,182 plants
86 MW capacity

18 plants
6,2 MW capacity

Share of renewable energies: 298 %
Ø Federation 32 %

Session 1-B, public participation and community power, Head of the district retired Mr. Bertram Fleck, September 07th, 2017, Nagano
Regional value creation and Public service
Recognition of interfaces and use!

Step by step we convert 290 Million Euro annual energy import costs into regional jobs and value creation by way of energy efficiency and renewable energies!

Regional value creation (earnings)

- Rental income and taxes for the local communities
- Feed-in remuneration for local operators (private PV-plants and cooperatives)
- Orders for the domestic craft and construction companies
- New Jobs through maintenance orders
- Development opportunities for local agriculturists and forest owners

Total investment sum of all renewable energy plants

Sum in 2015: 1.35 Billion €

Regional investment sum: Approx. 102 Million €

Annual regional value creation: approx. 43.5 Million €

Renewable energies/energy efficiency

Demographic change/Public service