

Municipalities and Co-Operatives Renewable Projects in Germany... ...Important Frameworks.

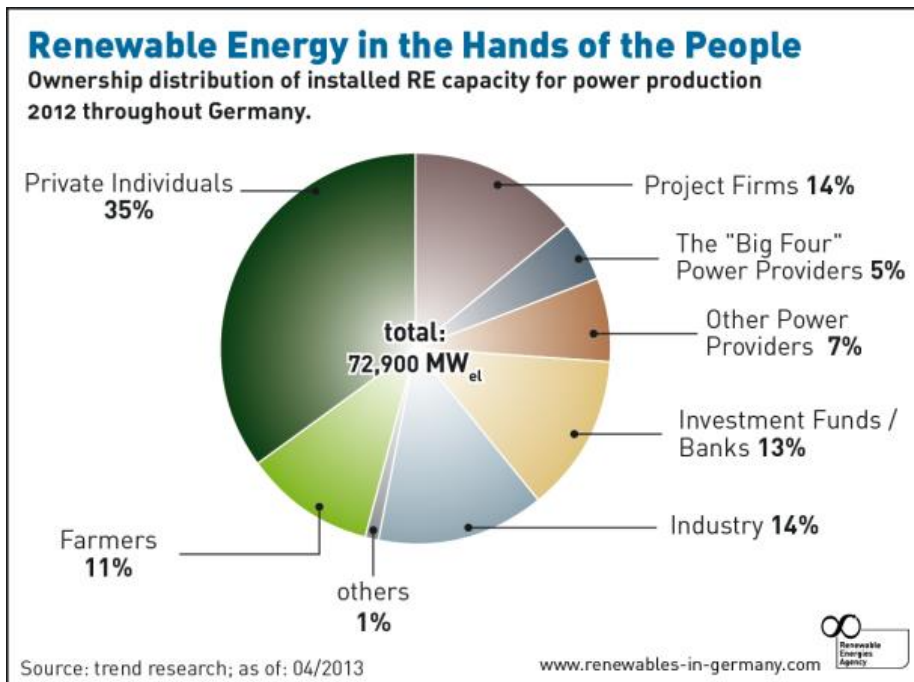
Nils Boenigk, Deputy Managing Director

Renewable Energies Agency



1. Starting point:

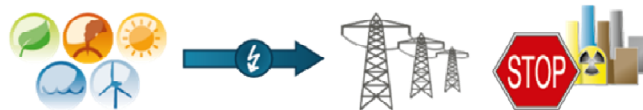
Ensure Quick Installations of Renewable Energies and New Market Participants



2. Institutional setting:

The 3 Core Principles of the Feed-in-tariff:

1. Guaranteed priority connection for Renewable Energy electricity plants to the grid



2. Guaranteed priority purchase and transmission for Renewable Energy power by the Grid System operators

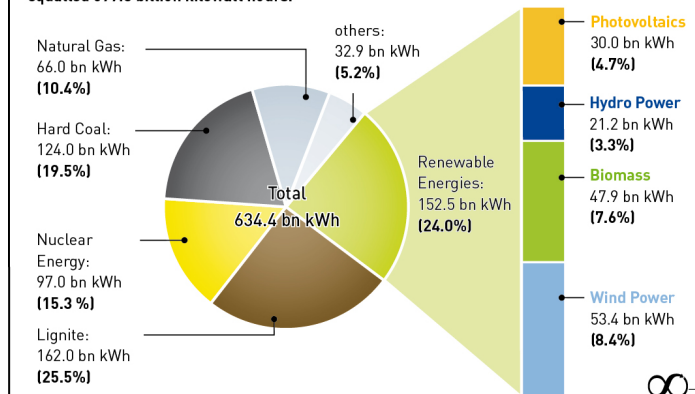


3. Guaranteed fixed Feed-in Tariffs for 20 years from the start of operations



Germany's Power Mix in 2013

Renewable Energies contributed 152.5 billion kilowatt hours or 24.0 percent to gross electricity production. The share of renewables in electricity consumption increased to 25.4 percent, which equalled 599.8 billion kilowatt hours.



Source: AG Energiebilanzen; as of: 05/2014

www.renewables-in-germany.com



3. Approach:

National Climate Initiative (NCI) – Government Supporting Communities

Basic facts:

- Started in 2008, total budget: 2008-2011: 900 million euro

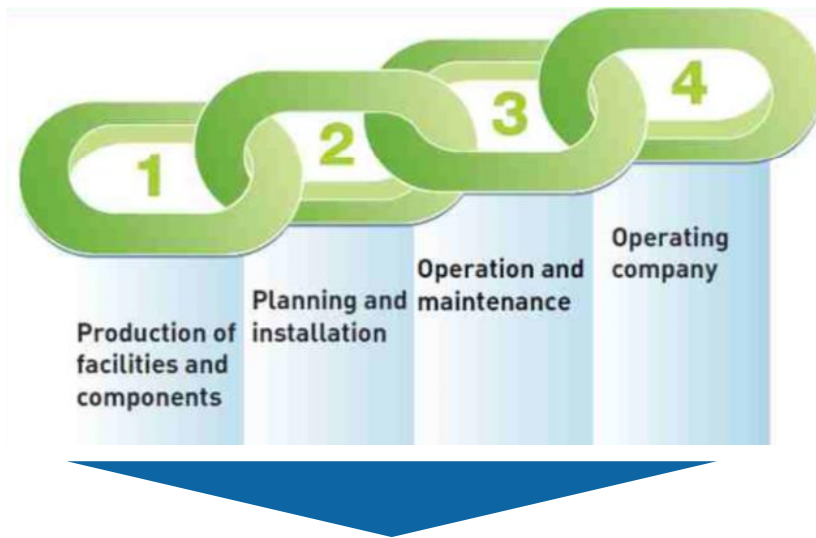
Programmes for different target groups:

- Local authorities and social institutions
- Business and industry
- Consumers

<http://kommunen.klimaschutz.de/skkk-in-english.html>

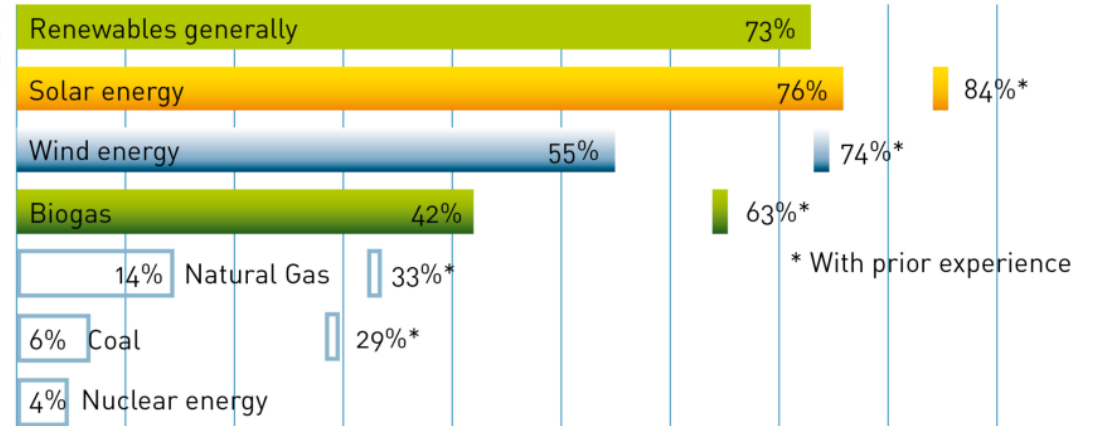
4. Outputs:

Value Added in & High Awareness Communities



**more than
11 billion Euro / year**

For energy production in the neighbourhood is assessed as good or very good...



Source: Source: Survey by TNS Emnid 2013, 09/2013

5. Lessons:

- Local communities are willing to apply themselves
- Regulatory framework must ensure participation in the grid and with the market – but keep it simple
- Fixed guaranteed “Feed-in Tariff” over a decade or longer
- Government or NGOs offer guarantees for small and mid-sized companies, farmers, citizens and other players for RE-Projects.



Members of a Co-Operatives talking about new investment in RE

6. Transfer:

Encourage and Empower the Local people & Municipalities

- As land owners, they install RE.
- As planning authority, they ensure its implementation.
- As a consumer, they support green energy.
- As an advisory body, they provide information.
- As an energy supplier, they run power plants.
- They act as an inspiring example.

