

# WIND POWER IN RUSSIA: OPPORTUNITIES, BARRIERS, PROSPECTS

## Discussing first results of a joint research project



**WWEA**

World Wind Energy Association



RUSSIAN ASSOCIATION OF  
WIND POWER INDUSTRY

Renewable Energy  
Technologies  
Research-educational center



**FRIEDRICH  
EBERT  
STIFTUNG**



# Wind Power in Russia

Main barriers for the Russian wind power industry as identified:

- Remuneration of electricity generated from wind farms.
- Lack of investments and investors.
- Challenges with grid connection.
- Land allocation issues.
- The local content rules.

# Wind Power: Success Stories

- Brazil: More than tripled installed capacity in 3 years, to 10 GW
- China: From 500 MW in 2004 to 150 GW in 2016,  
Goldwind as new world market leader
- Denmark: More than 40 % wind share, biggest export industry
- Globally: 500 GW installed capacity end of 2016,  
5% share in global electricity demand  
More than 1 million jobs

# Russia's Assets

- Huge territory and huge wind resources, even with potential to export
- Long-term history and experience with wind power
- Basic industrial capacities do exist
- Special expertise: Remote areas and cold climate