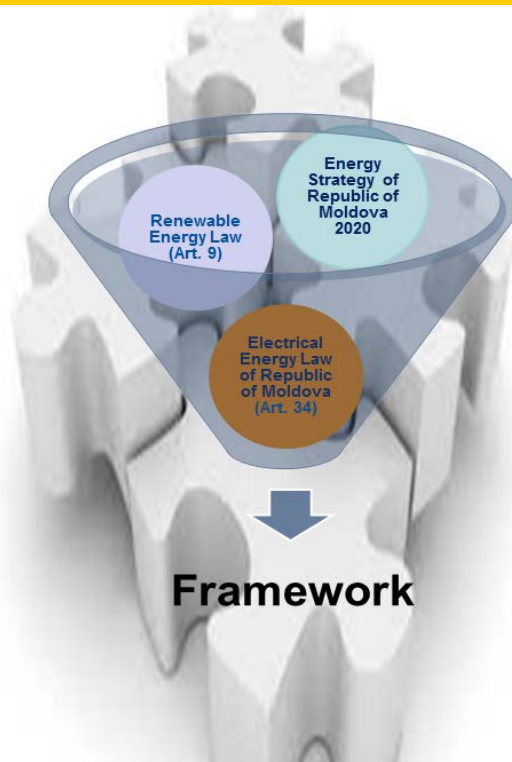




The long-term planning of energy
systems with higher shares of variable
renewable energy

November 7, 2018, Vienna

Varvara Gulco, SE Moldelectrica, Moldova



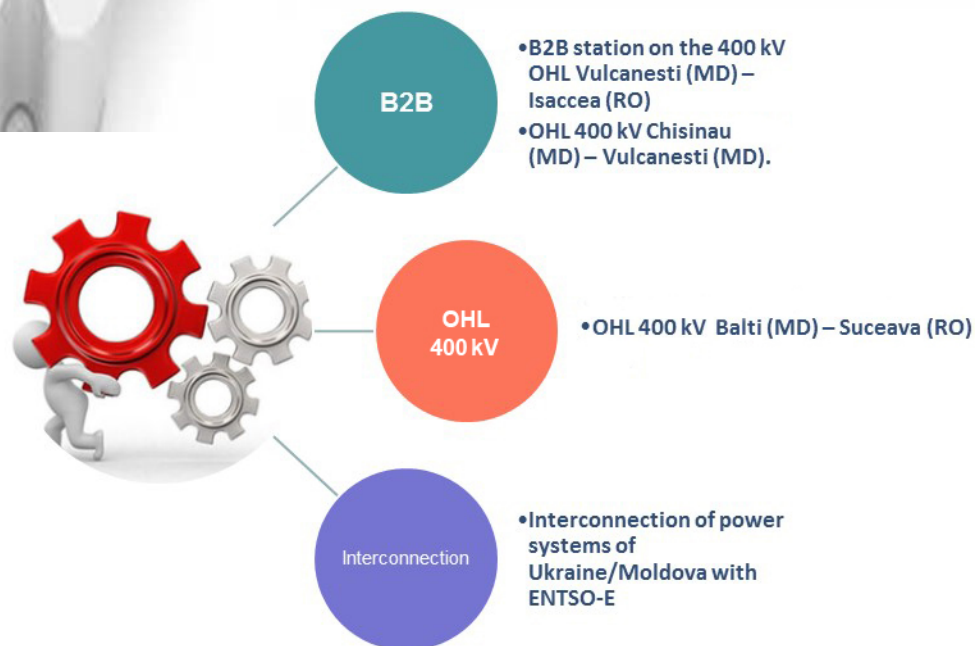
Electrical Energy Law of Republic of Moldova
Nr. 107, 27.05.2016, Art.34

- TYNDP (1-st iteration)

Renewable Energy Law
Nr. 10, 26.02.2016, Art.9

Energy Strategy of Republic of Moldova 2020

Main quantitative outputs

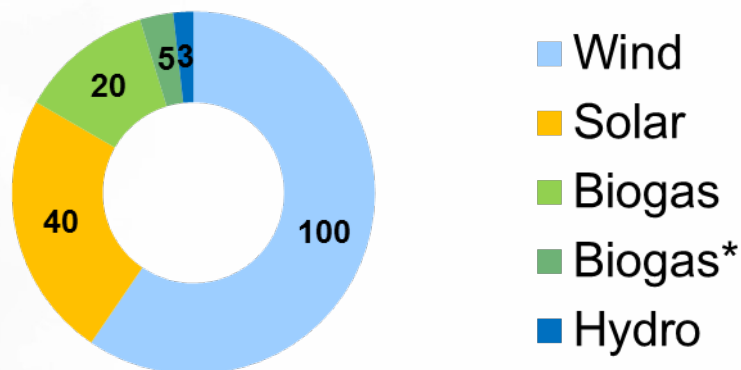


Moldova doesn't calculate generation adequacy, therefore there are no special tools used for renewable energy development.

Generation:

- Energy Strategy of Republic of Moldova 2020
- PSS/E

Energy Strategy 2020 (MW)

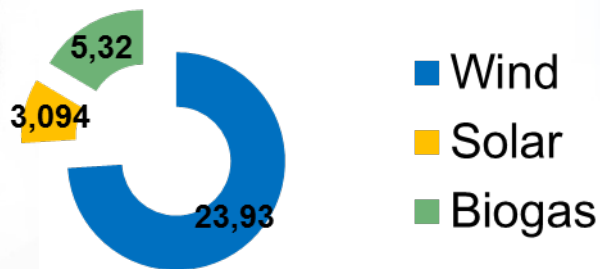




32,34 MW Total renewables installed capacity

There is no massive integration of renewable sources although there is large scale interest

Renewables installed capacity (MW)



- Balancing and off-peak hour issues
- Reserve
- Compatibility with certificates and standards
- Static grid code (small generators)



Thank you