

Solar energy in Romania

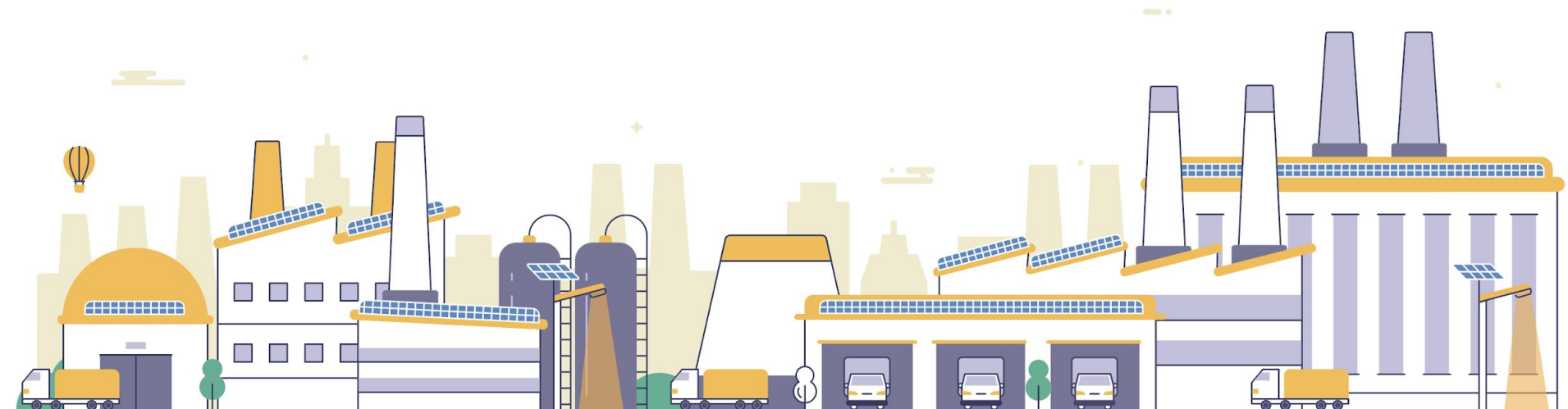
Dor Marian, CEO

April, 2021





About Wiren





- **Dor Marian**
- CEO and co-founder Wiren
- More than 10 years of experience in the renewable energy domain
- Promoter and integrator of solar energy
- “Energy must be available and accessible for everyone”



About Wiren

- Construction of large photovoltaic projects
- Development of photovoltaic projects
- Integration of self-consumption projects
- Developing solutions and products for energy storage





Solar energy and its potential

- Prosumer - residential or company
- Own consumption - big consumers
- Large photovoltaic installations - investments



Prosumer





Residential

- House owners
- Potential of 1 million houses in the next 10 years
- Generate 3,000 MW in the up coming years
- Creat 20.000 new jobs
- Return on investment up to 8 years





Companies and public institutions

- Requires roof that allows installation of photovoltaic panels
- Office buildings, hotels, service facilities, showrooms, schools and kindergartens, public institutions, small and medium-sized factories, etc.
- Potential over 1.000 MW
- Return on investment up to 7 years



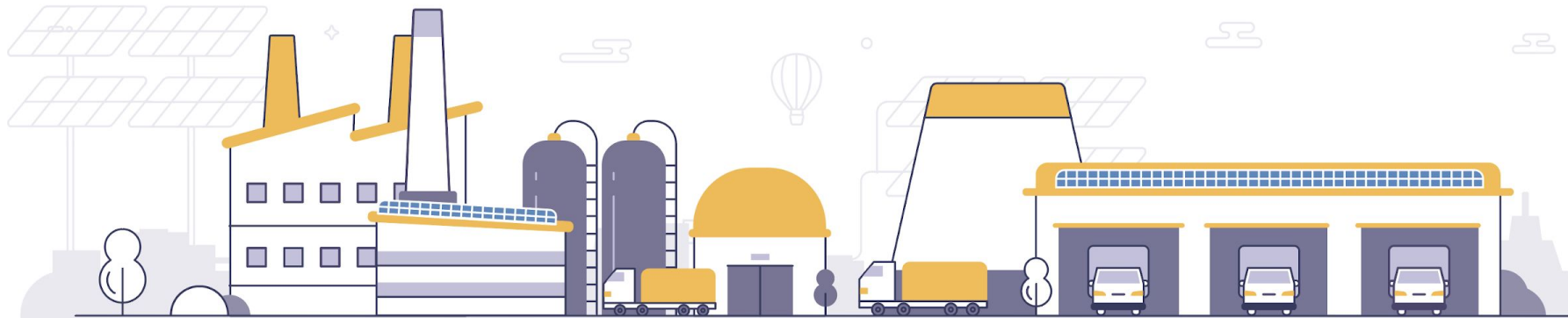


Solar energy storage

- Is very accessible
- Can be added at any time
- It can solve the problem of congestion in the national electricity network
- It is the first step toward energy independence
- We develop our own solutions within the group



Self-consumption for industries and large consumers





- It enables large consumers to produce electricity for self-consumption
- Requires large roof surfaces, ground or parking (allows any combination)
- Decrease the exposure of electricity price fluctuation
- Financially profitable investment
- Investing in a green and sustainable future



Photovoltaic parks





- They are important for achieving and exceeding consumption targets of renewable energy taken up by Romania
- Country has a big potential
- Demand for such investments is more and more required
- The market does not need subsidies, just stable legislation



Conclusions





- In the future, electricity prices will fall considerably as the investments are paid back relatively quickly
- The drop will also be caused by a large number of independent producers with investments paid back
- For large photovoltaic parks, the cost of the electricity production will be **15€/MWh** vs. **60€/MWh** - current market price
- Large storage will be a key element in use of renewable energy 24/7





**We invite you all to promote mass
solar energy installation together in
Romania**



Thank you!

Dor Marian
office@wiren.ro

www.wiren.ro

www.wirenhypervolt.com