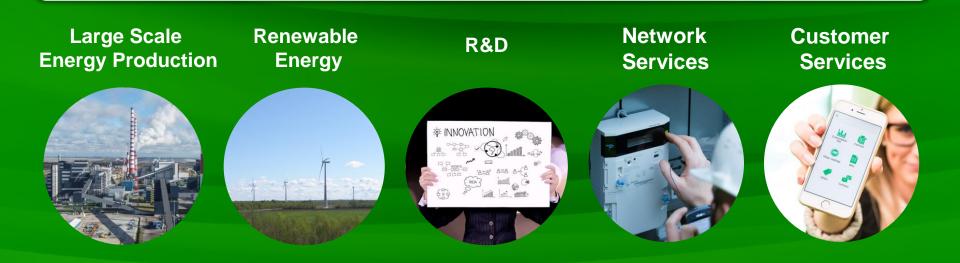
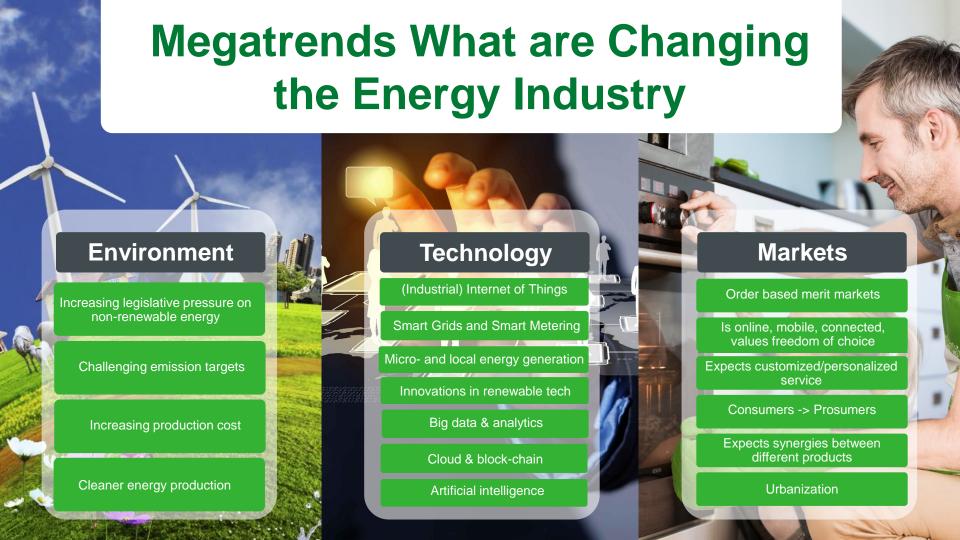


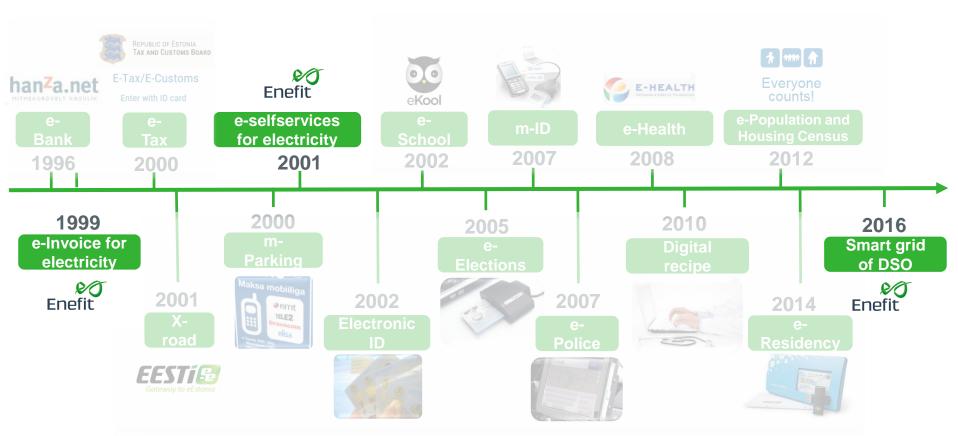


- Established in 1939
- 5800 employees
- 25 subsidiaries and related companies
- 2.500 mln EUR investments during the last 10 years
- Group's net profit in 2016: 171 mln EUR
- Sales revenues of the group in 2016: 742 mln EUR





## e-Estonia: 20 years of experience





## e-Energy: digitalization in Enefit

## Production optimization



Industry 3.5 program

#### Smart Grid Smart Metering



Analytic Grid monitoring, DSO digital product portfolio

#### Sales & Service



Foreign Markets program, New Services for Prosumers Data driven management

OT/infrastructure improvement

Cyber- and information security



## **Program Industry 3.5**



Production

planning

Production Smart Sales & Service

Every invested euro earns

3 euros
in 5 years





# AF's Balance+ in Enefit's Power Plants Self-learning Adaptive Unit Control Concept

#### **BENEFITS**

- More accurate temperature, pressure and load control with less oscillation
- ✓ Less temperature corrosion
- ✓ Efficiency gains due to higher temperature and lower excess O2 content of the flue gas

#### **EXPECTED OUTCOME**

- Increase of the energy block efficiency 0.25 0.5%
- ✓ Decrease of unit auxiliary power consumption 0.75-1.5 MWe

Production optimization

Smart grid Sales & Service

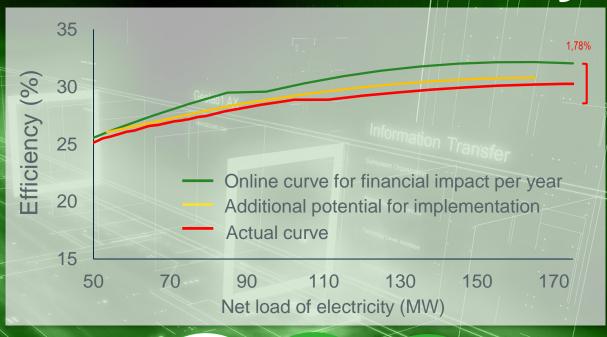
Strategic management

Data acquisition

Operational management

Data sheet production devices

# Balance & Efficiency



Production optimization

Smart grid

Sales & Service









## Estonia is like a test lab

- 100% smart grid and smart meters
- Data HUB
- Online client services
- Digitalization of production processes





# **Digitalization Partnership**

### Contribution of Enefit

- √ Industry competence
- ✓ Existing Smart Metering with central data hub
- √ Smart and connected customers
- ✓ Active energy market
- ✓ Available technical and OT/IT know-how
- ✓ Real distribution network test-lab
- ✓ Government-level strong digital ID system
- ✓ Open mind to changes, ambition to be leader in energy industry

#### **Expectations to Partner**

- ✓ Global sales & marketing capabilities
- √ Market presence
- ✓ Know-how how to commercialize developed innovations
- ✓ Connectivity & IoT security
- ✓ Data Analytics including modeling practical know-how
- ✓ Will to share IPR
- ✓ Open co-operation

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