

ENERGY CONSUMPTION IN ESTONIA'S INDUSTRY – TENDENCIES AND CHALLENGES. USE OF RENEWABLE ENERGY CONSUMPTION.

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DE-CARBONISATION OF ENERGY SECTOR !

Production of renewables

CCU/CCS + use of residual heat for
generating heat as well as electricity

Lack of statistics about use of renewables in
industrial enterprises

Trend: rising use

Driving force: be competitive or die

Specific for EE: renewables fee, relief for
>10GWh and ISO50001 expected



RENEWABLE ENERGY FEE

Paid by end-user, for financing renewables production capacities, 1/3 from end price

No tax credits for industry using renewables

Renewables fee rate: 11.3 eur MWh in EE, 67.56 MWh in DE but due to different tax credits in DE, effective remuneration in DE lower

INTERVENTION LOGIC

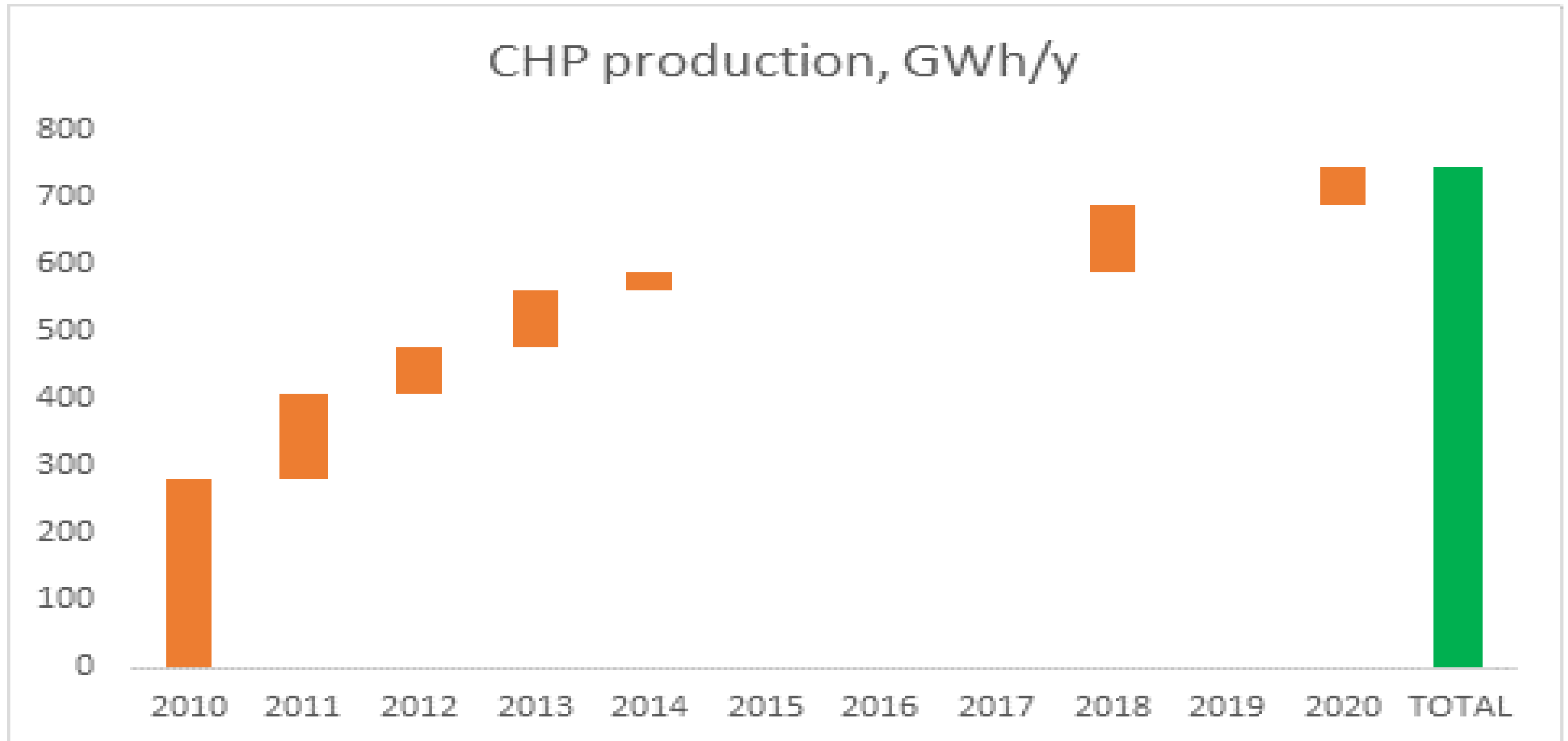
Producer invests into assets

Invoicing system administrator for produced renewable energy (53.7 eur MWh)

System administrator clear the invoice, not state budget

From 2021 only auctioning, expected fee level <20 eur MWh, mostly PV+wind

Cogeneration of heat and power



Thank you!

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