



Sustainable Energy contracting for Local Authorities

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Sustainable energy contracting

1. Increase in value energy contract
2. Extra Steering opportunity's
3. Local energysystem lowering grid congestion

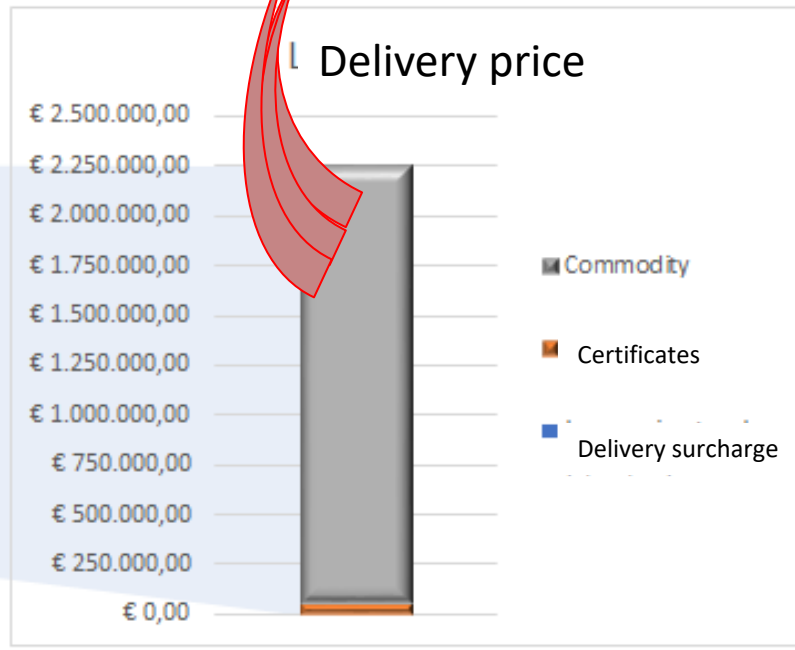
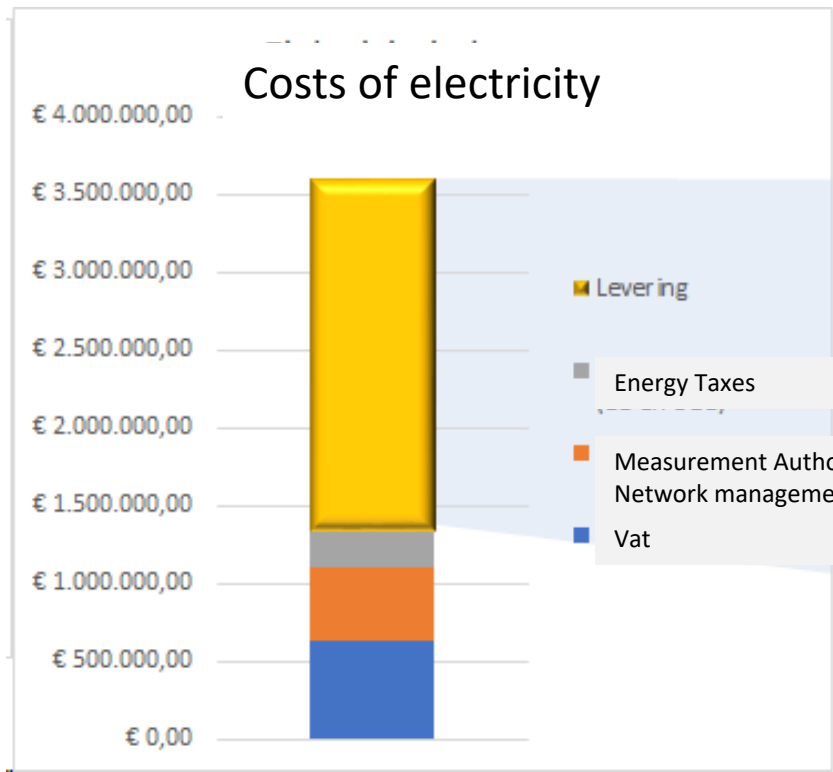




Increase contract value



Russia
China
VS



Elektriciteitsproductie 2023 (TWh)	
Fossil Gas	59
Coal	20
Sustainable	58
Nuclear	6





Steering opportunities

Local authorities have steering options



1: Green certificates



2: demand management



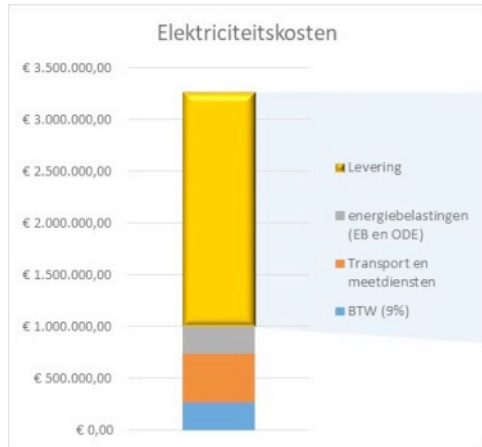
3: price control



4: Business Case



Local energy fund



1 ct / kWh = ca. € 20,-/ton CO2



1: Green certificates



Challenge: simultaneity of supply and demand

- Demand side:
 - Steering on demand of buildings, street lightning, etc
 - Storage
 - Lowering of demand
- Supply side:
 - Storage
 - Turning off

2: demand side management

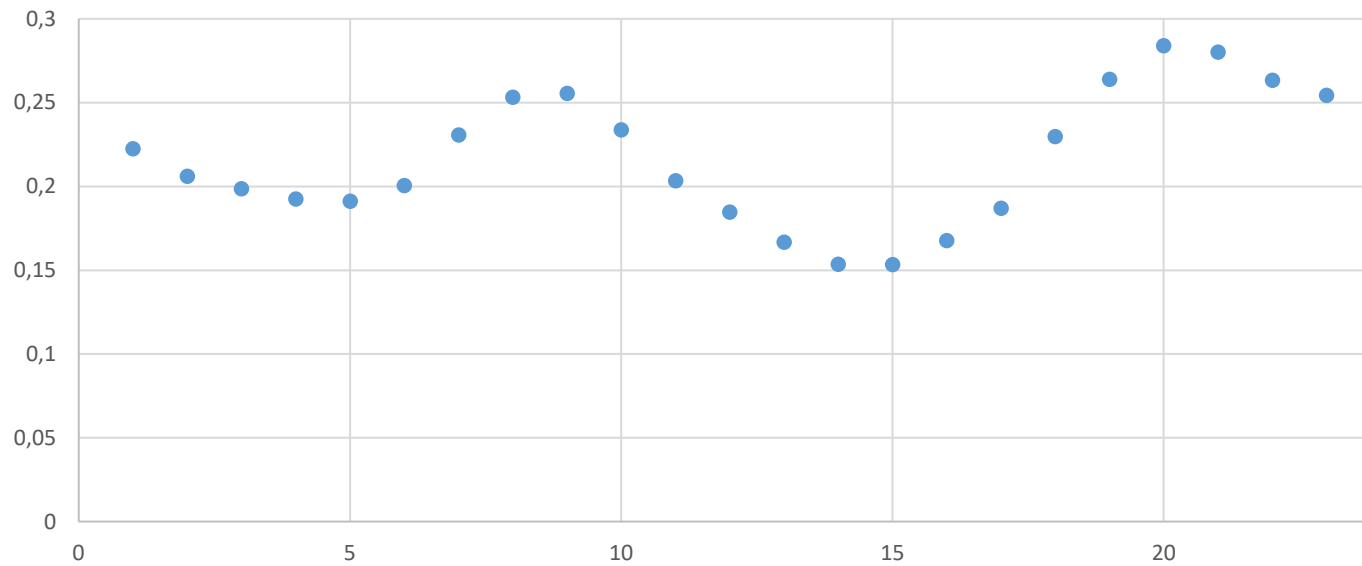


Price control

Primary: 'day ahead' market.

Vershil van 10 – 15 ct per kWh

Gemiddelde prijs per kWh (€)



3: Price control



Business case control

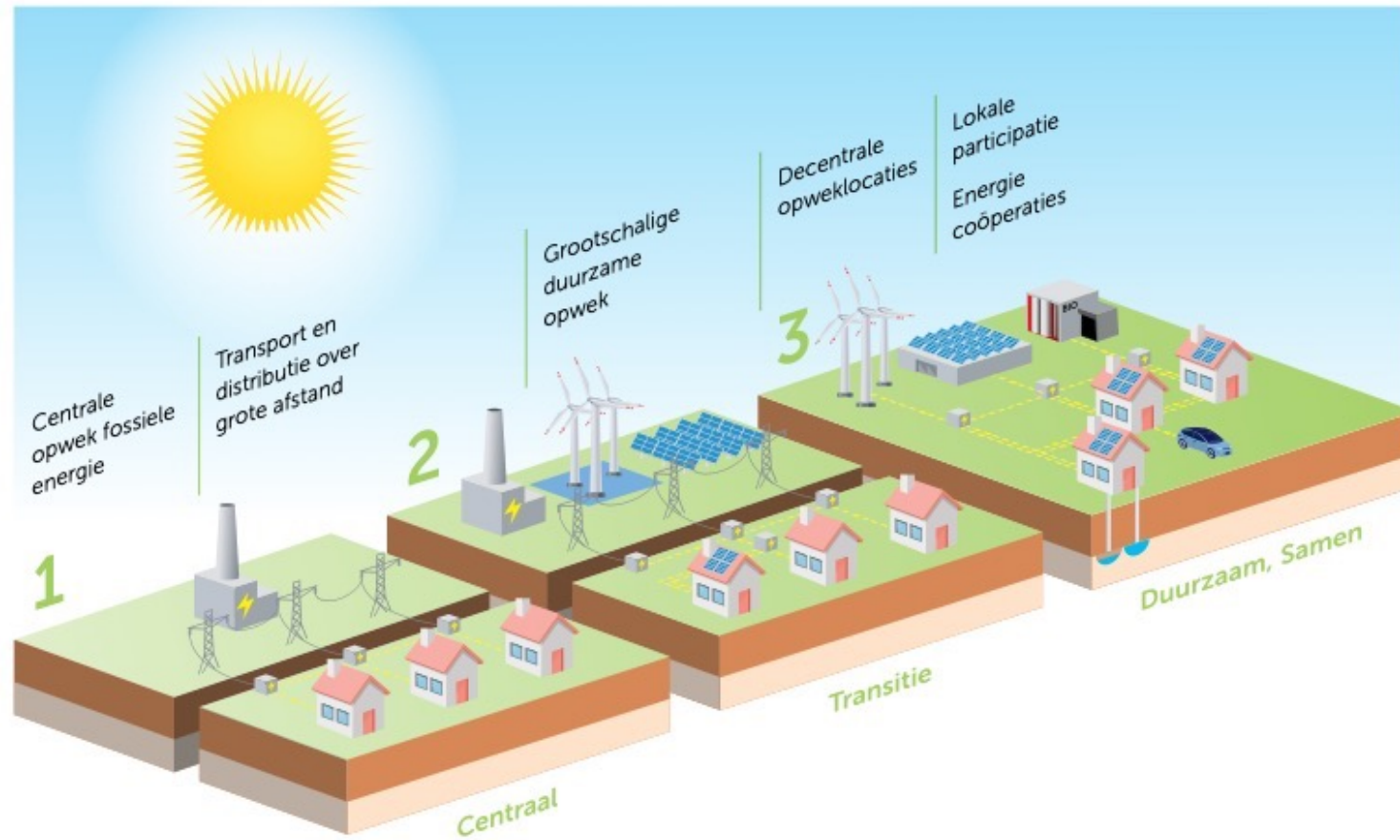
When you offer a fixed price for local sustainable energy:

1. Closing Business cases of new projects;
2. Incentive for storage to supply on better moments

4: Business Case



Local energy system lowering grid congestion



Summarizing

1. Increase in value energy contract
2. Extra Steering opportunities
3. Local energy system lowering grid congestion



*Thanks for your
attention*



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