

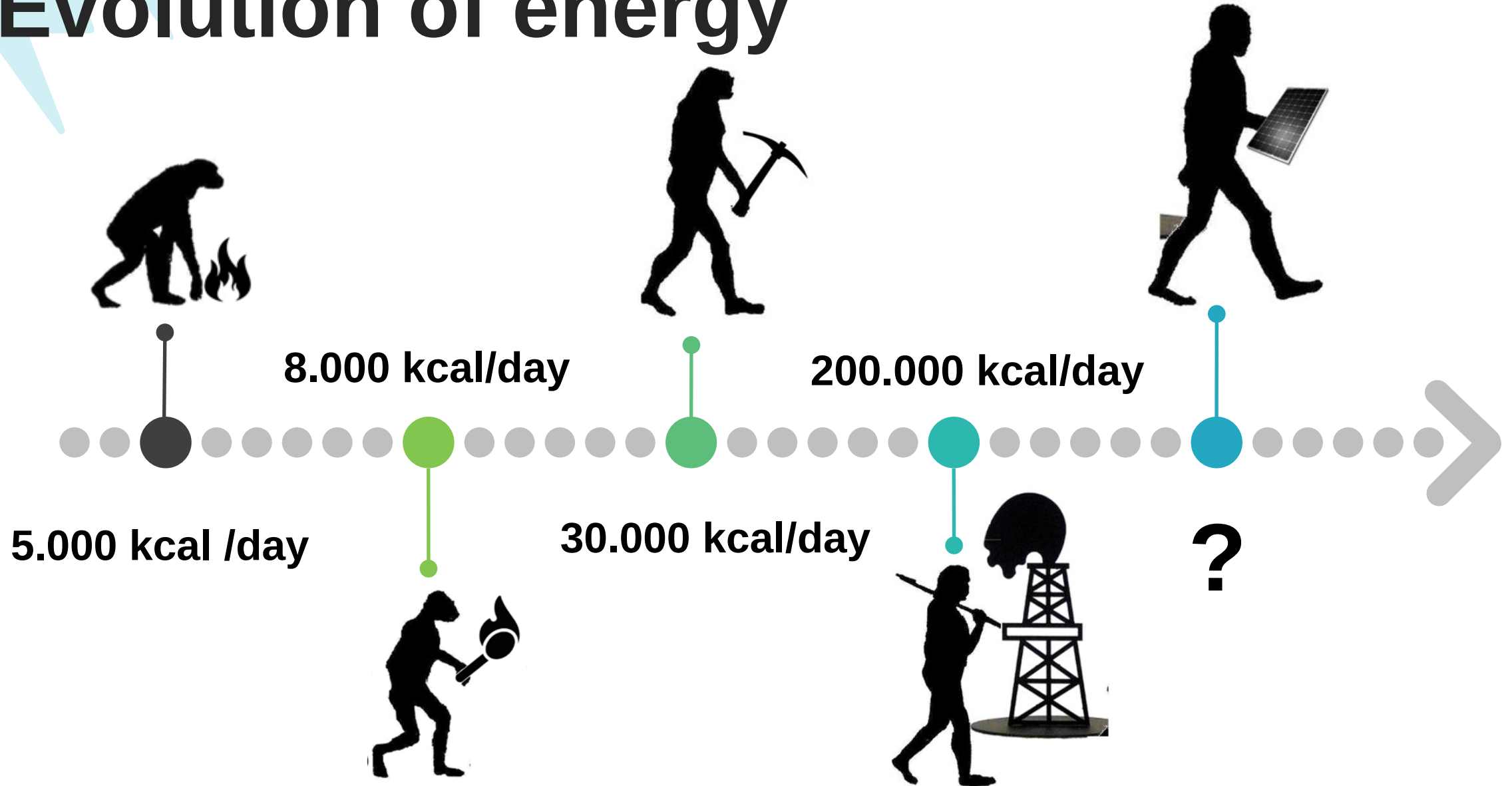


Local energy

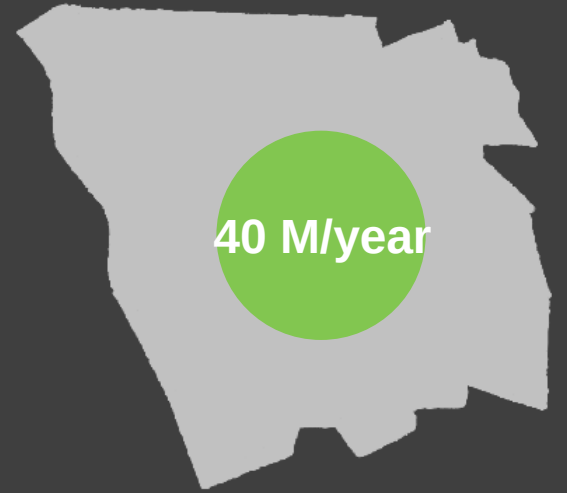
A lost story

The case of Eeklo

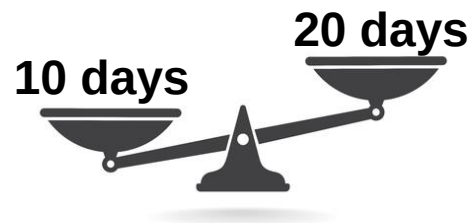
Evolution of energy



Energydependence



€ 2000/pp



A photograph of three men standing on a rooftop with solar panels. In the background, several wind turbines are visible against a cloudy sky. The image is framed by a diagonal teal and white border.

20 years

Dirk, Dirk, Jan, Ben, Moira, Koen

Public tender windturbines '99

01 Financial

02 Technical qualities

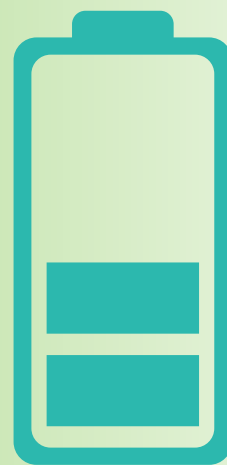
03 Min 50% Participation

04 Communication plan

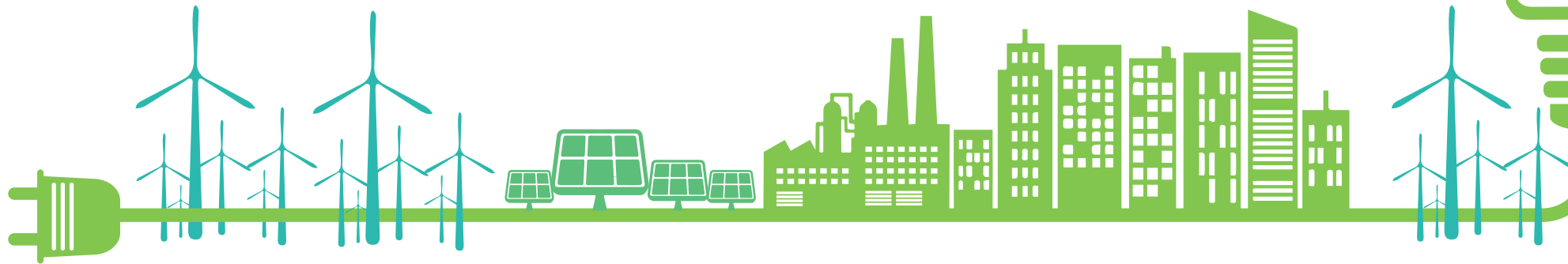




Cooperative
effect



Spatial planning an energylandscape



Democratic support model

Input

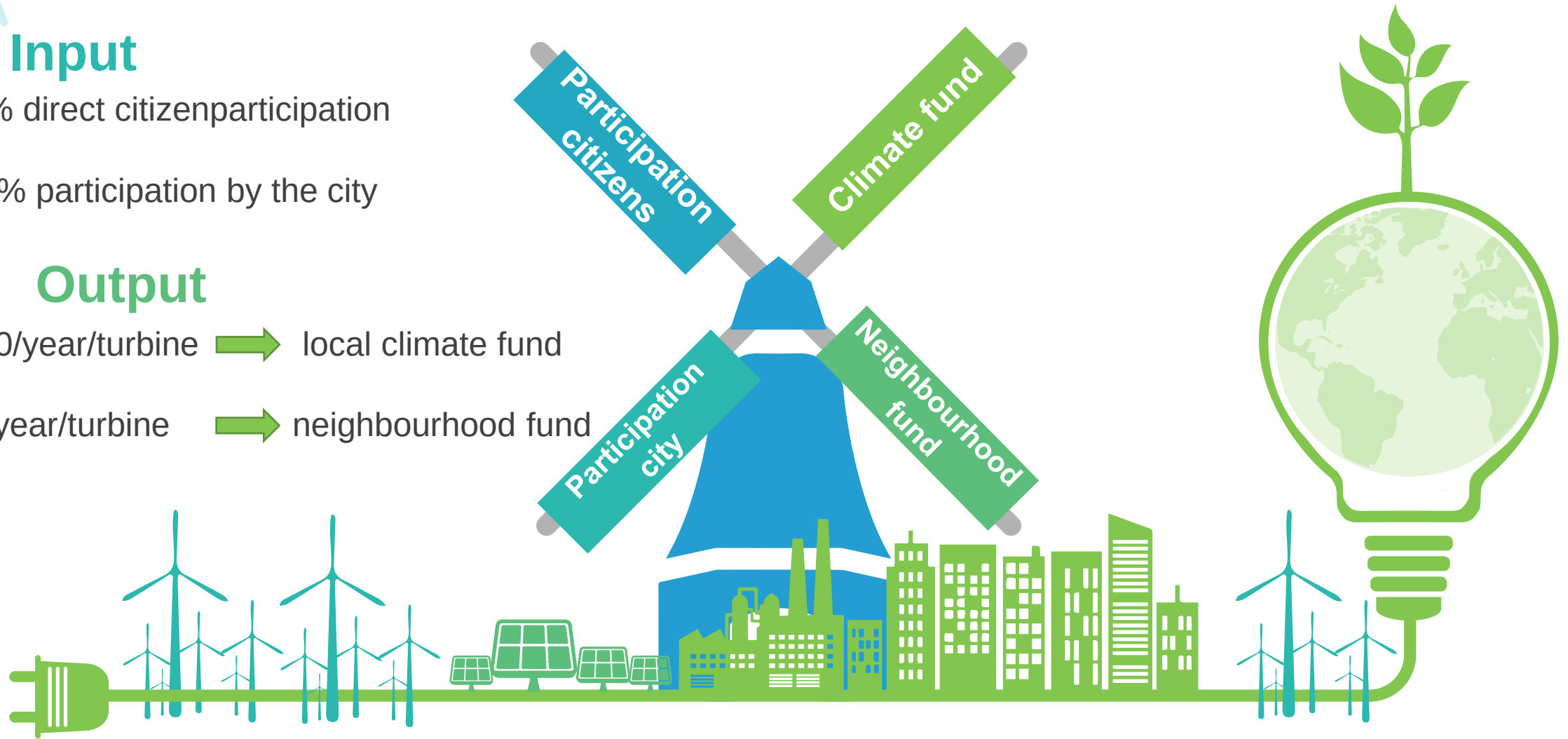
25% direct citizen participation

25% participation by the city

Output

€ 5000/year/turbine → local climate fund

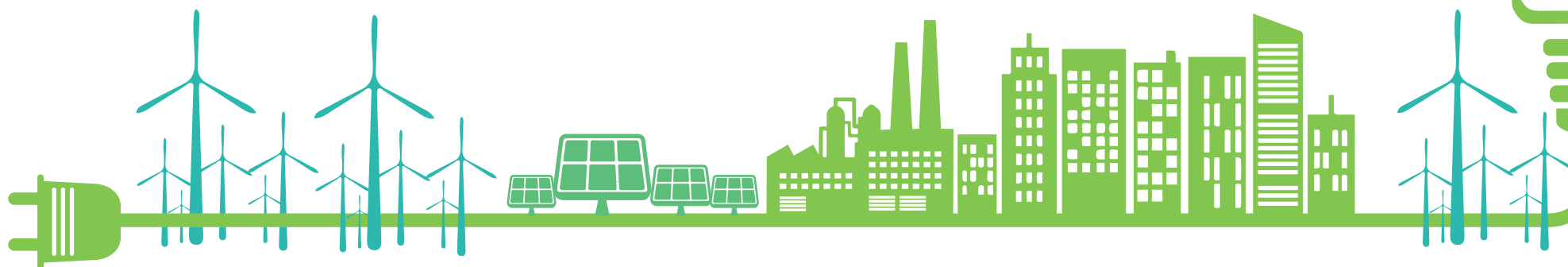
€ 5000/year/turbine → neighbourhood fund



Eeklo in 2020...

Electricity usage (2019)	GWh
Households	30,24
Industry	57,89
Agriculture	2,34
Services	40,27
Other	3,06
Total	133,8

Electricity production (2020)	GWh
Old windturbines (8)	33
New windturbines (14)	84
Cogeneration wasteplant	48
Solar Panels	5,5
Total	170,5

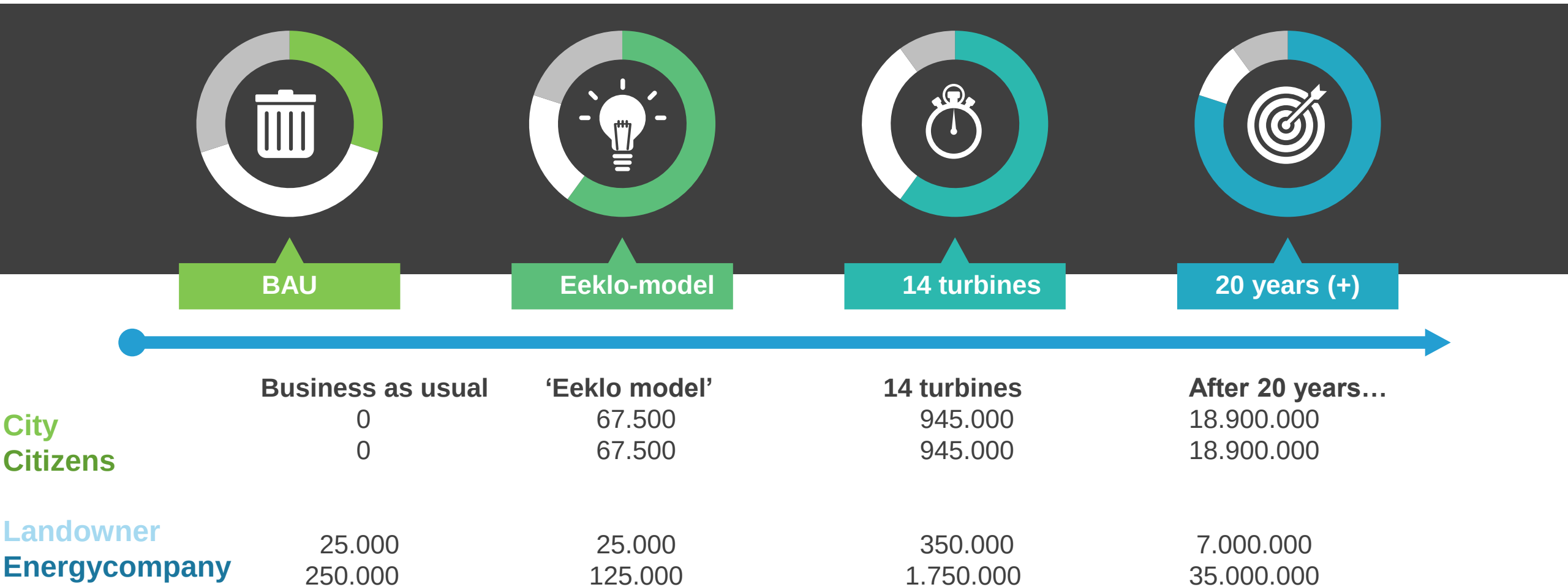


Eeklo in 2020...

130%

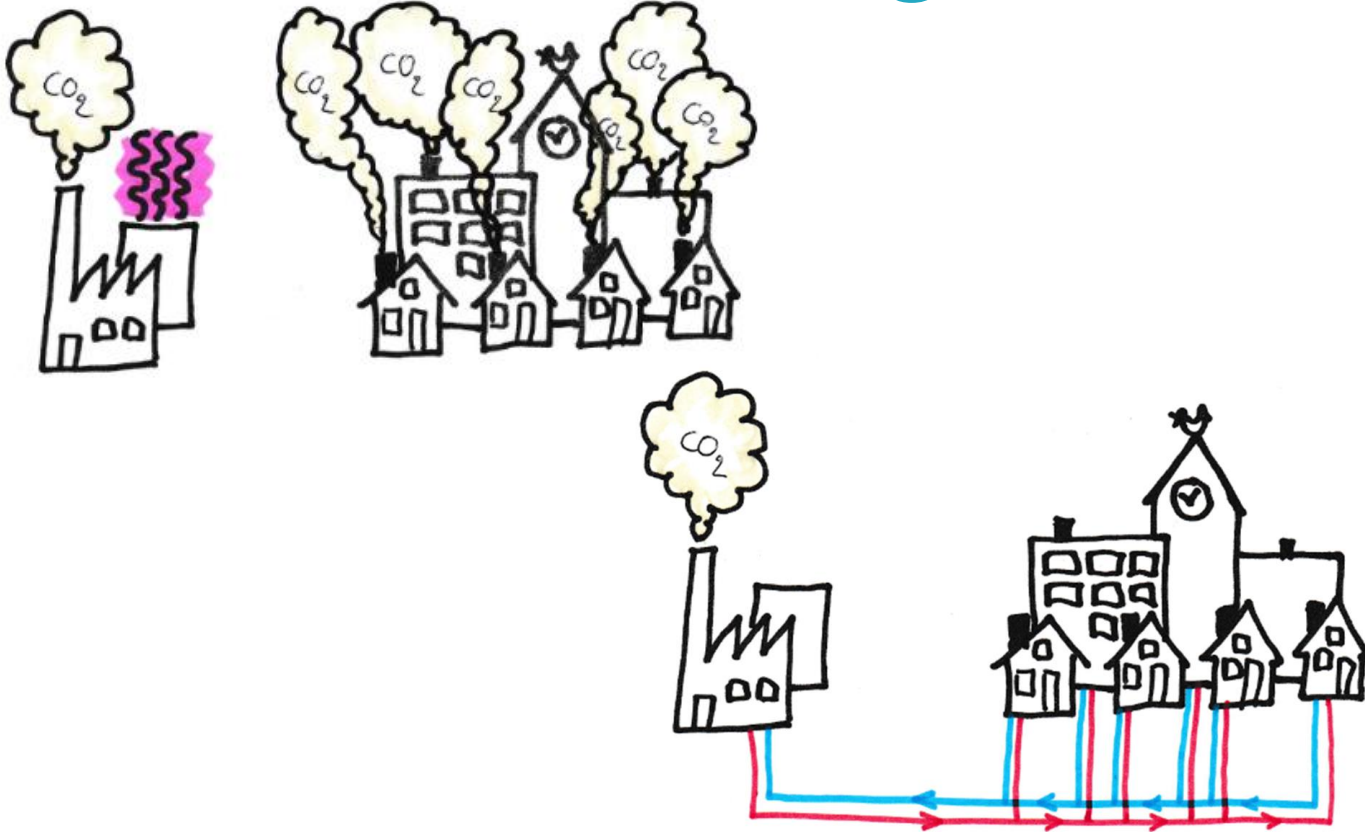


Economic return



Public tender

District Heating



'Not more than usual'-price principle

Counterweight for the monopoly-position



Participation

Unique cooperative & multinational joint venture



Communication

Climate positive and ambitious 'energy city'



Path to decarbonization

A mutual agreed timepath

Public tender

District Heating

3 steps



Microgrids – ‘Heat Pearls’

Local quick wins



Macrogrid

Connection with the wasteplant



District Heating 2.0

Decentralized heat sources
(private heat pumps, solar, battery,...)



Public tender

Solar-

sharing

3 steps



Public buildings



Semi-public & small businesses



Private houses

Rental homes, apartments,...

Eeklo zet rol als klimaatpionier opnieuw in de kijker door zonnepanelen aan te bieden

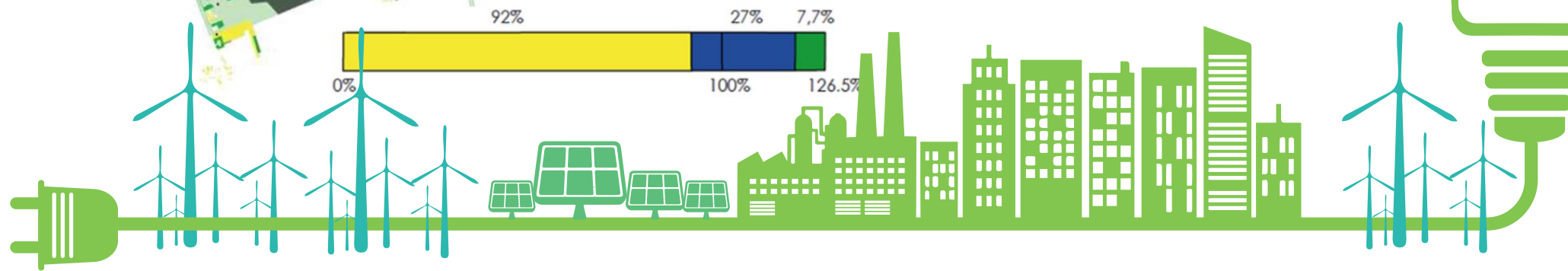
"We geven iedere burger de kans om eigenaar te worden van de zonnepanelen"



Climate action plan



-63,5% CO₂ in 2030
-126,5% CO₂ in total



Energy Poverty

POWER

Up



Activate 'public' cooperative shares of democratic supportmodel



Lease-lend social shares 6 years (instead of giving social premiums)



Lower bills = 'Localized' profits used for debtrelief



Eeklo is not special

So contact us for more information



~Nikola Tesla

If you want to find the
secrets of the universe,
think in terms of energy,
frequency and vibration.

Random Motivational quote