



Słupsk Bioenergy Cluster

Project:

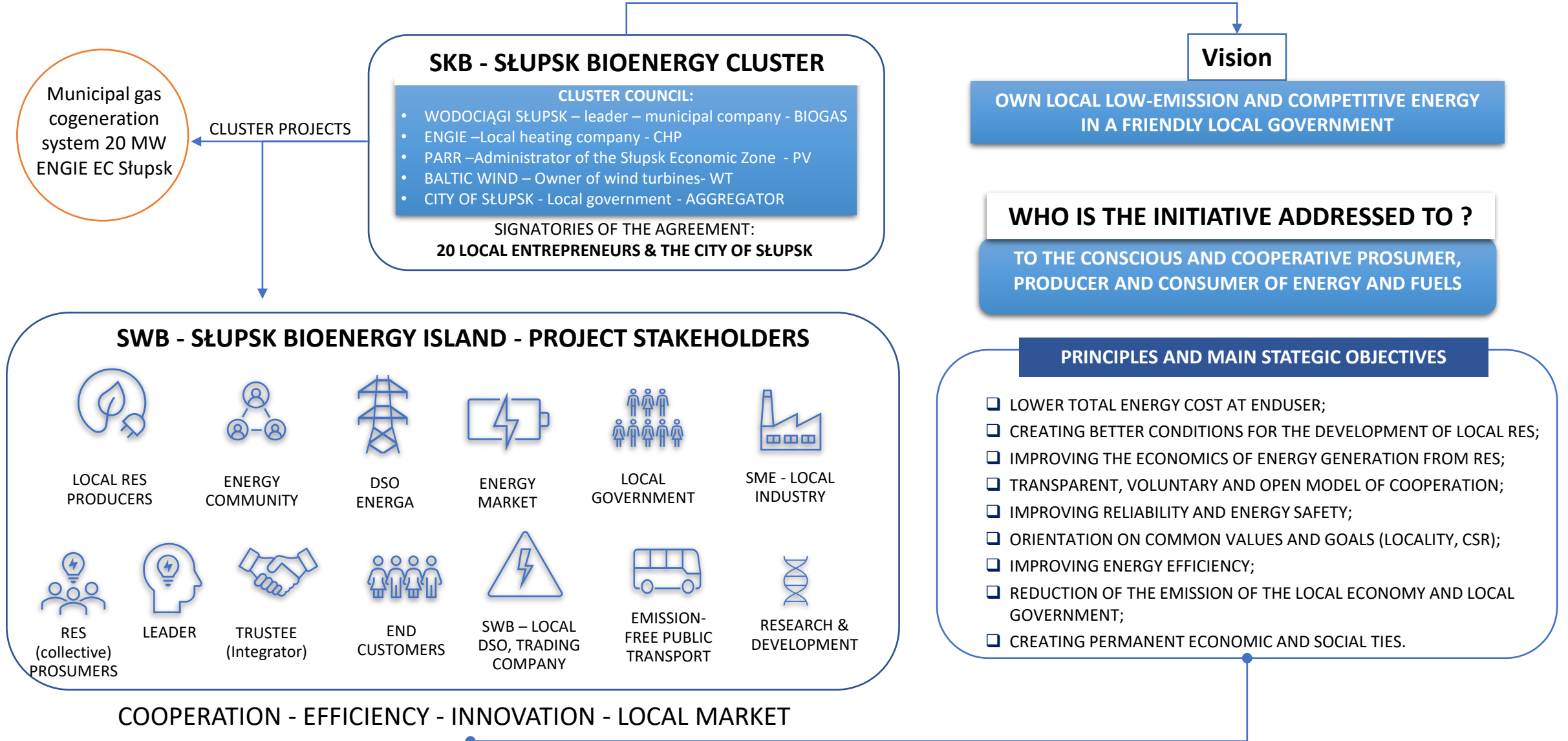
Słupsk Bioenergy Island

ENERGY TRANSFORMATION OF POLISH CITIES
Słupsk 25



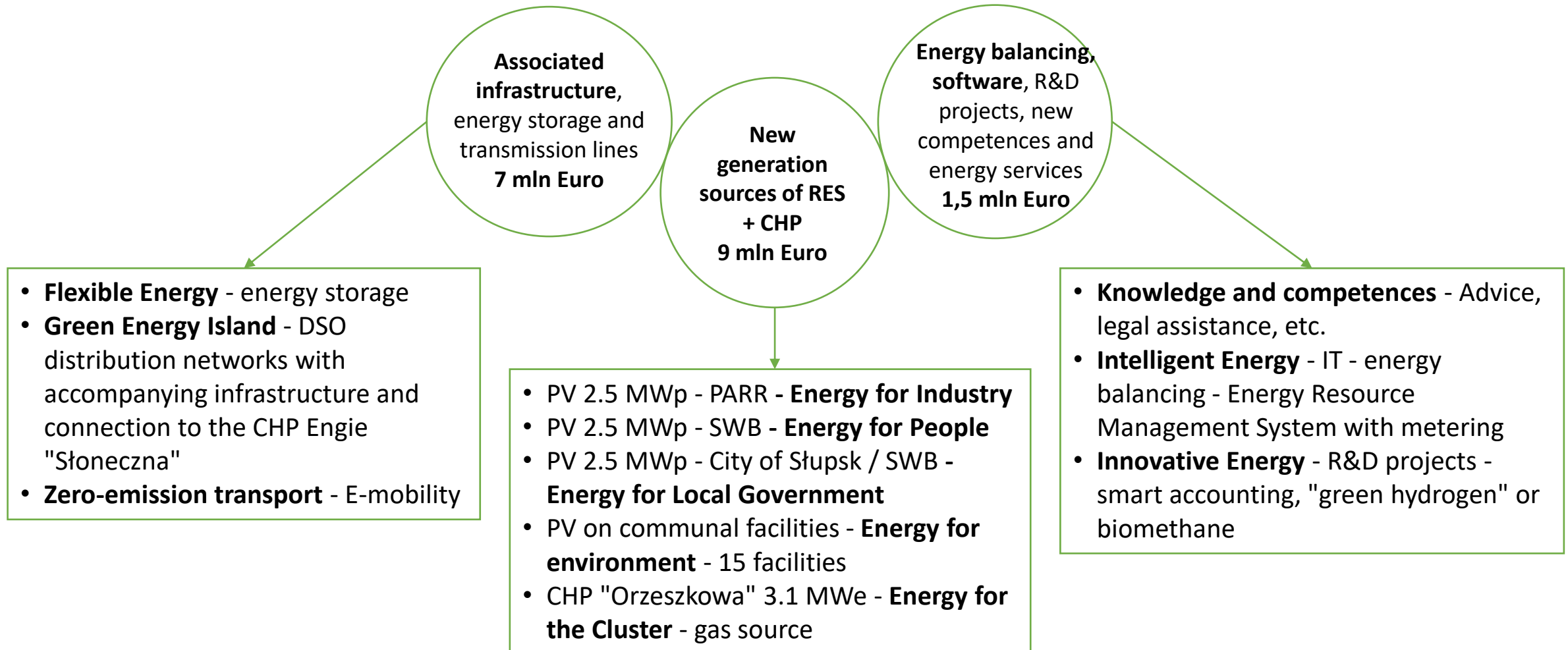
Can Słupsk be a zero-emission city
balanced with its own, clean energy?

IDENTIFICATION OF STAKEHOLDERS, FUNCTIONS AND GOALS



Components of the Słupsk Bioenergy Island project with estimated costs (only for electrical activities)

Together 17,5 mln Euro



GREEN ENERGY ISLAND

GENERAL ENERGY BALANCE OF THE PROJECT:

Estimated electricity production from RES + CHP:

- **Currently - 40 GWh/year**
- A realistic prospect - 70 GWh/year
- Potential - 100 GWh/year

Estimated electricity demand:

- **Currently - 43 GWh/year (cluster participants)**
- A realistic prospect - 70 GWh/year
- Potential - 100 GWh/year

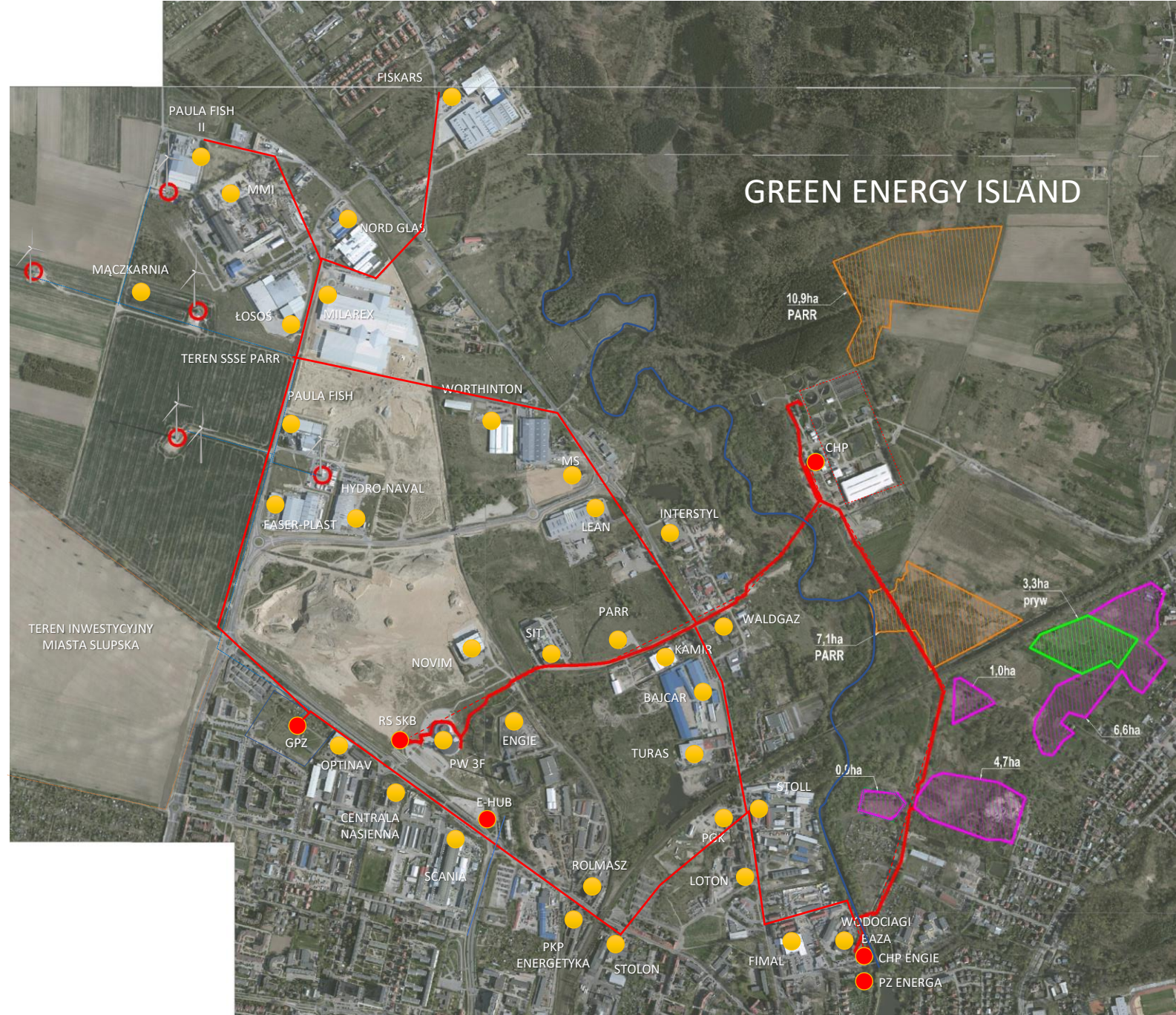
● important electrical points of
the electrical network

● Important endusers

⚡ Wind energy producers

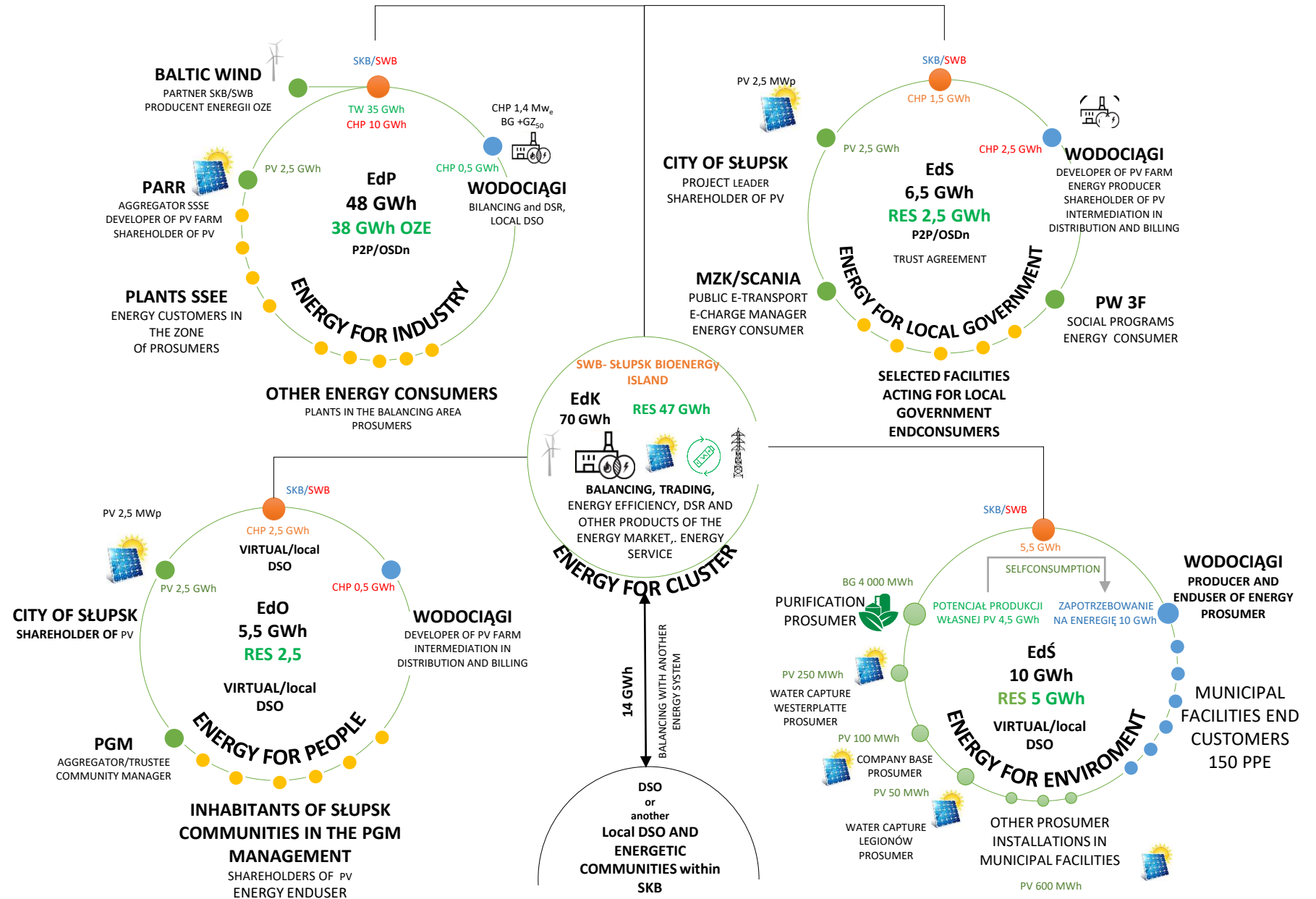
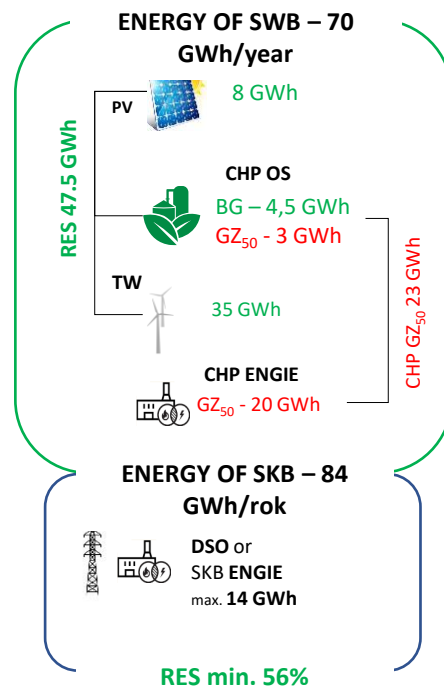
▨ areas for the construction of
PV farms

— 15 kV cable lines



ELECTRICITY PROJECTS ENTERING THE RANGE OF SWB

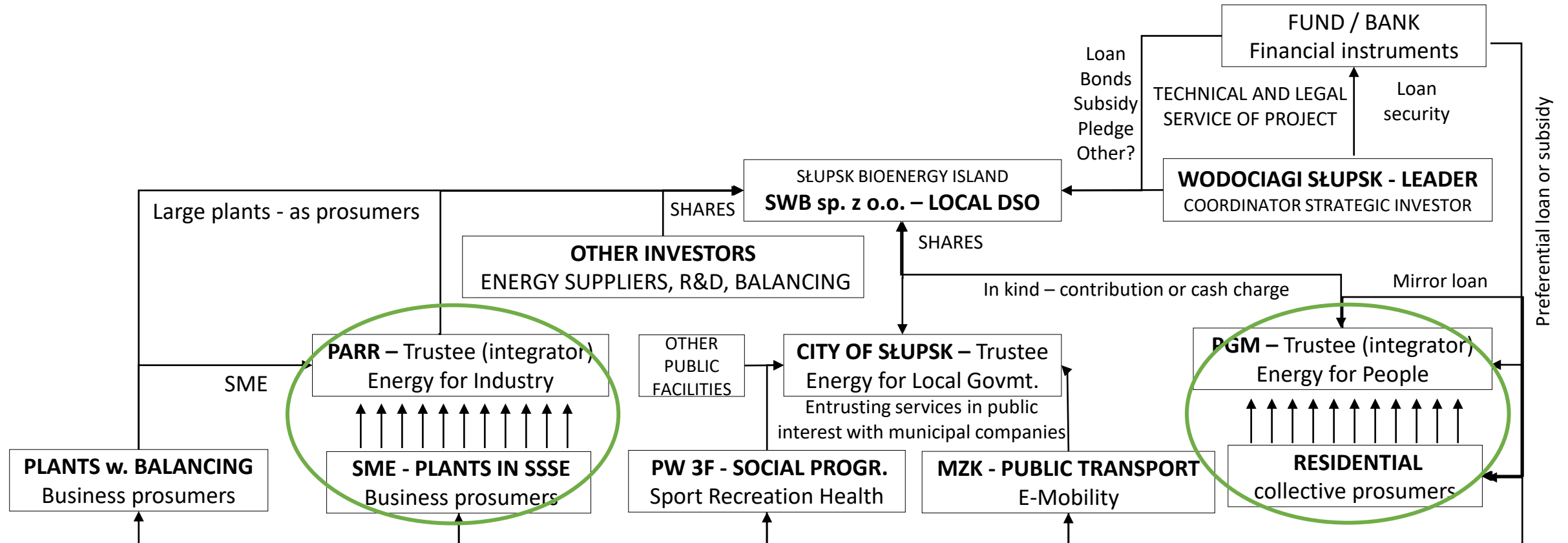
POTENTIAL OF ENERGY IN SKB/SWB



BUSINESS MODEL

OPTION I – COMPETENT COMPANY WITH CONTROL OF DEFINED SHAREHOLDER-PROSUMERS

OPTION II – COMPANY OR MUNICIPAL HOLDING (based on the Municipal Economy Act)





Thank you for your attention

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Forum
Rozwoju
Lokalnego