

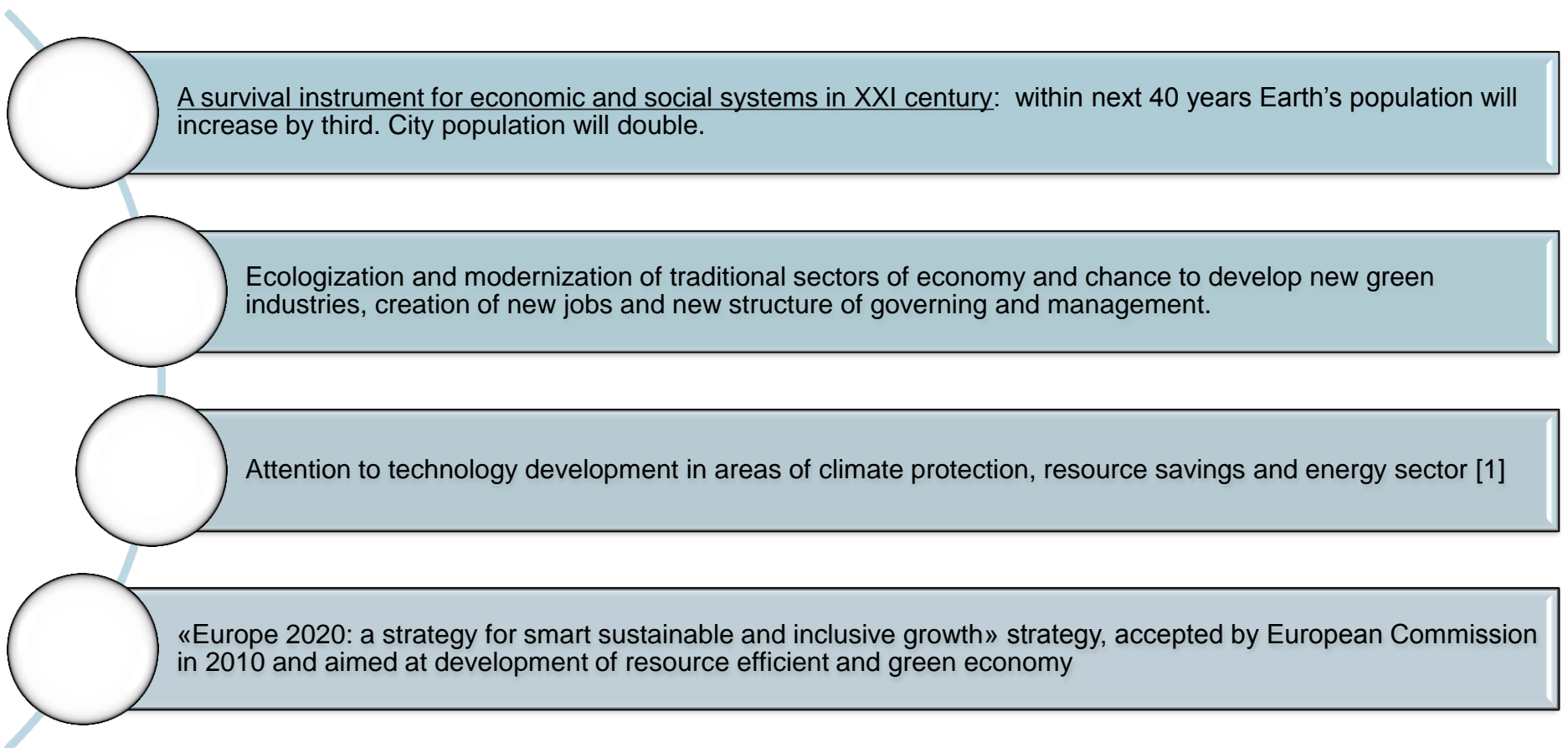
Basic aspects of green modernization based on public-private partnership



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Green modernization is:



A survival instrument for economic and social systems in XXI century: within next 40 years Earth's population will increase by third. City population will double.

Ecologization and modernization of traditional sectors of economy and chance to develop new green industries, creation of new jobs and new structure of governing and management.

Attention to technology development in areas of climate protection, resource savings and energy sector [1]

«Europe 2020: a strategy for smart sustainable and inclusive growth» strategy, accepted by European Commission in 2010 and aimed at development of resource efficient and green economy

Note: [1] In 2006 Germany accepted "High-Tech Strategy for Climate Protection", aimed at fastening technological break-through in areas of climate protection, resource savings and energy sector. Today Germany is one of the world leaders in development of frontier green technologies and trading organic, green products (16% of world market).

Ukraine situation

Low Competitiveness Index

- WEF's "The Global Competitiveness Report" 2016-2017 placed Ukraine on 85 position out of 138 countries, with even lower places for such important pillars as technological adoption (97th) and business sophistication (98th).

Reasons

- One of the main reasons is underappreciation of the importance of strategic governance for the country's economy
- Ukrainian current and strategic documents give no wholesome attention to the topic of green modernization

Needed actions

- Create an investment climate and corresponding infrastructure to stimulate inflow of investments into green modernization of Ukrainian economy
- Introduce concept of "green modernization" into strategic documents and determine sources of green development
- Allocate resources (in the world, up to 2% of GDP is used for green modernization)

Green modernization of Ukrainian economy: Priorities

Increase of alternative energy ration in country's total energy balance

Green modernization of the industries through implementation of new clean closed-cycle technologies based on recycling

Modernization of agricultural production through advance processing and closed cycles

Modernization of transport infrastructure and logistics

Modernization of municipal infrastructure.

Public-private partnership

PPP is implemented taking into account priorities of the area development and according to the sector reform programs

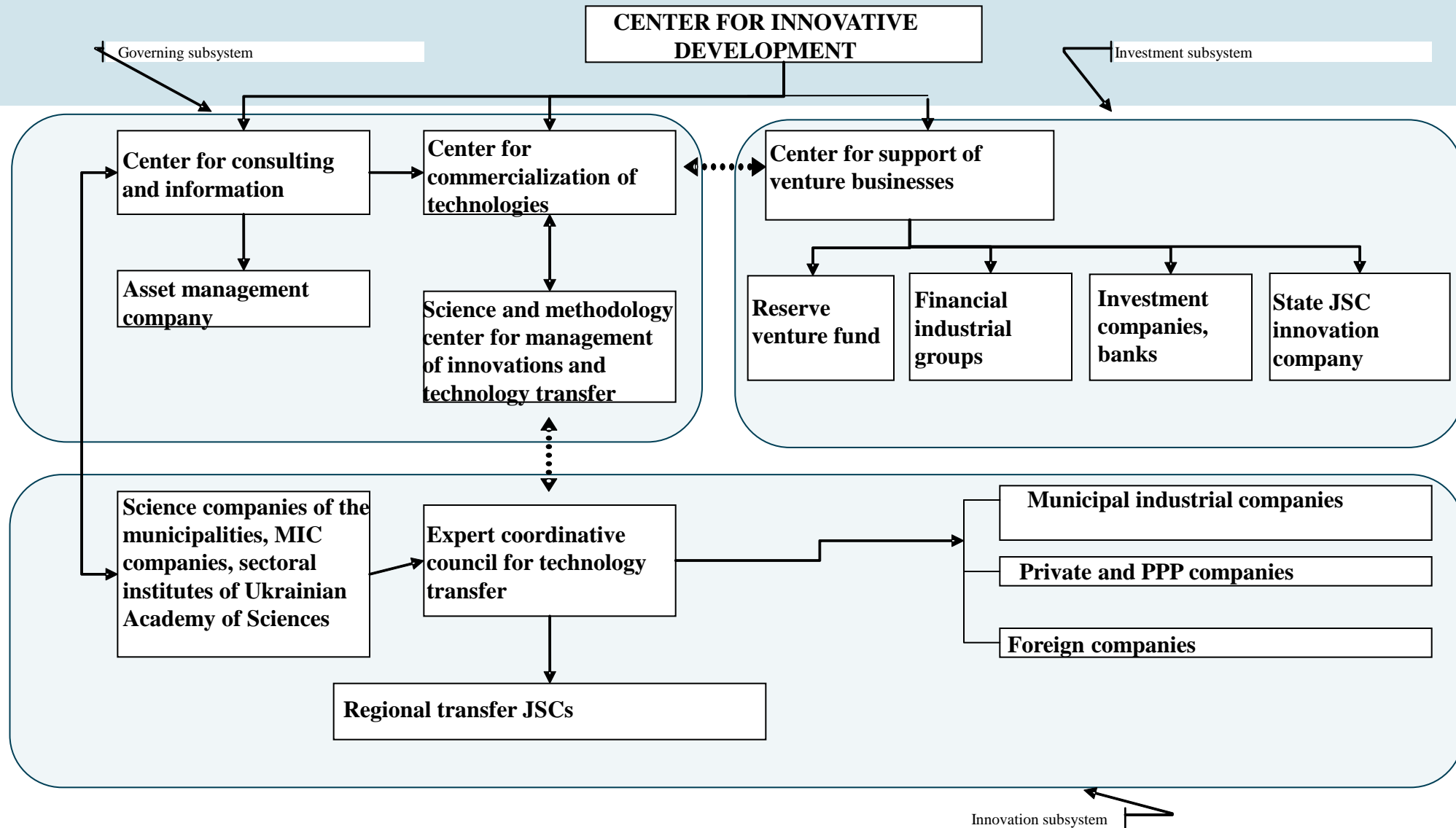
PPP assumes that State participates through financial transfers and state property

PPP assumes that private businesses participate through corporate capital and organizational structures

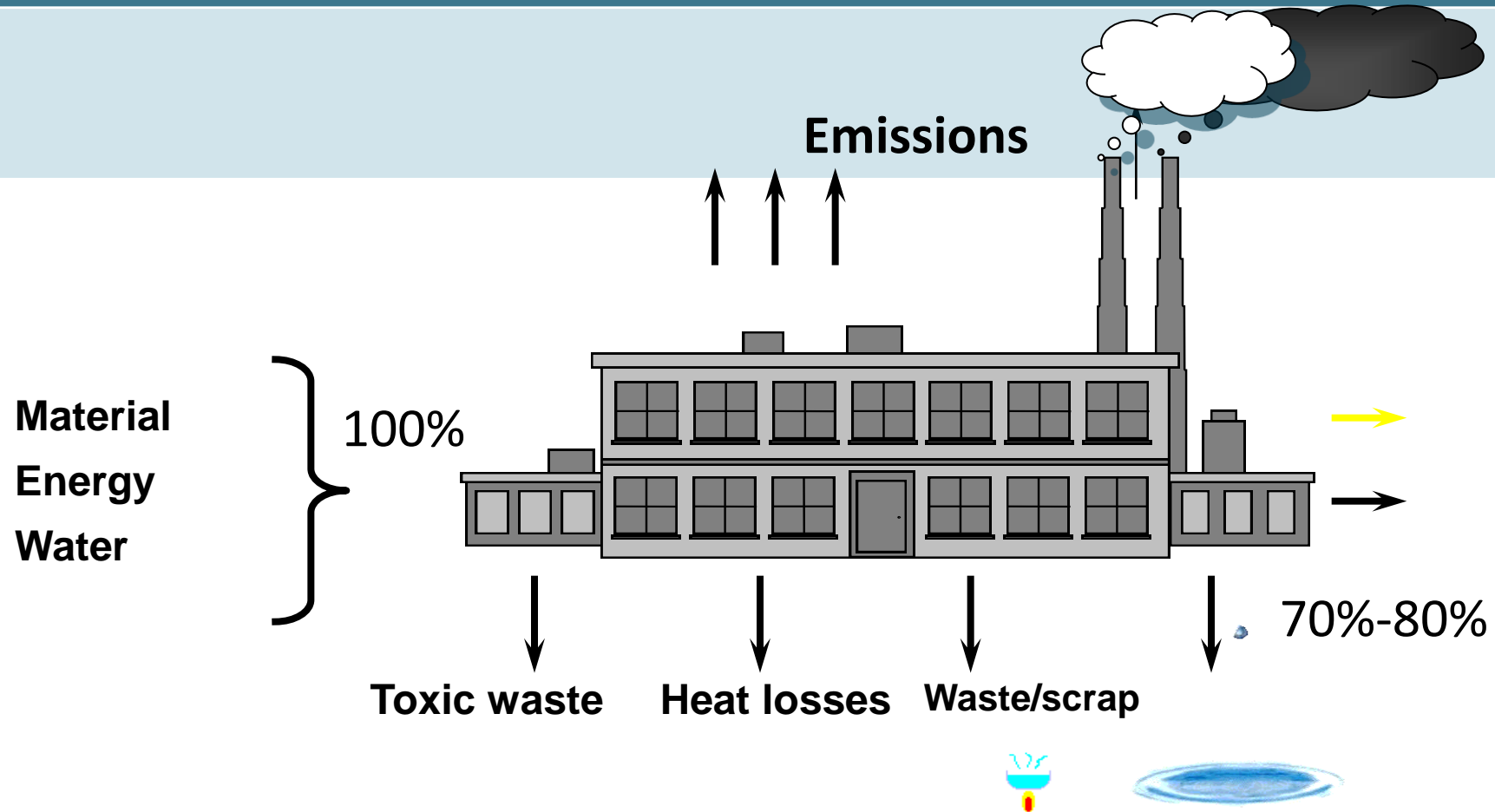
Efficient financial partnership is a must where state financing is a seed and private financing and investments play the leading role (*for ex., in Germany every Euro of state financing attracts 6-7 Euros of private capital*)

PPP requires development of necessary infrastructure and legal framework

Public-private partnership



Modernization and ecologization of existing industry



Modernization and ecologization is aimed to reduce emissions, waste and losses