

Saint-Petersburg
Cleantech Cluster
for urban environment



Санкт-Петербургский
Кластер Чистых технологий
для городской среды



Leontief Centre



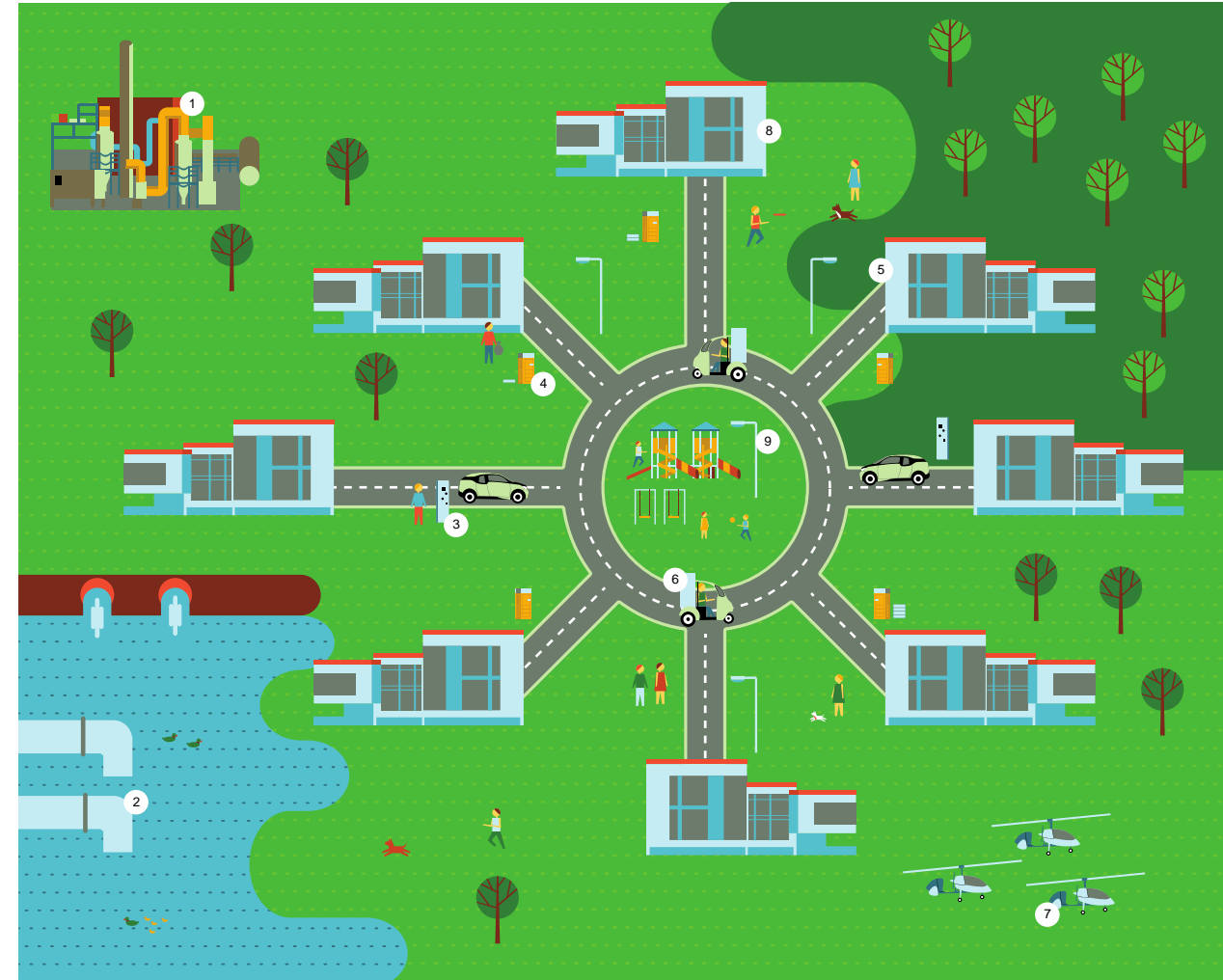
БИЗНЕС-ИНКУБАТОР
«ИНГРИЯ»
ТЕХНОПАРК САНКТ-ПЕТЕРБУРГА

Project:

- ✓ 14 participants (5 new);
- ✓ Active negotiations with potential investors;
- ✓ Flexible variative offer depending on the request;
- ✓ With the support of the KPPI.

1. Energy block **Enviro**: the energy heart of the village is an environmentally safe unit of thermal waste disposal.
2. Water cleaning system: water in the water supply system cleans the unit of **TWELL**.
3. in the village vehicles are electric, which are charged from charging stations **Avt &Co**.
4. Near the houses are waste compactors **WALLE**.
5. An energy efficient heater **Megador** saves energy and provides heat at home.
6. Electric tricycles **iGoods** deliver food
7. On the outskirts there is a parking for taxis on gyroplanes **GiroLIDAR**.
8. Motion sensor **Nanopulse** provides security.
9. Energy-efficient LED street lights **Innokor**.

Cluster project ECOLAND



Members of the Cluster of Clean Technologies for the Urban Environment, Green Startups of the Business Incubator "Ingria" are cooperating to implement innovative technologies within the program "Smart St. Petersburg"



About company

Model of activity:

engineering: the delivery of own equipment, development of technology, localization of partners technologies, technological calculations, design, incl. non-standard equipment, automation of technical processes; implementation of supervision and commissioning.

Consumer industries:

industrial plants, oil companies, medical institutions, HOAs, municipal institutions

Legal entity:

Enviro Ltd

Specialization:

technologies of environmentally safe waste management, WTE

Strategic partners:

Envirotherm GmbH: exchange of technologies, implementation of German technologies

S-Metall Ltd: production of equipment

Benefits:

Only proven technologies

High quality of the product at a reasonable price



www.enviro.su



Own technology:

**Hybrid units of thermal waste disposal,
50-2000 kg/h**

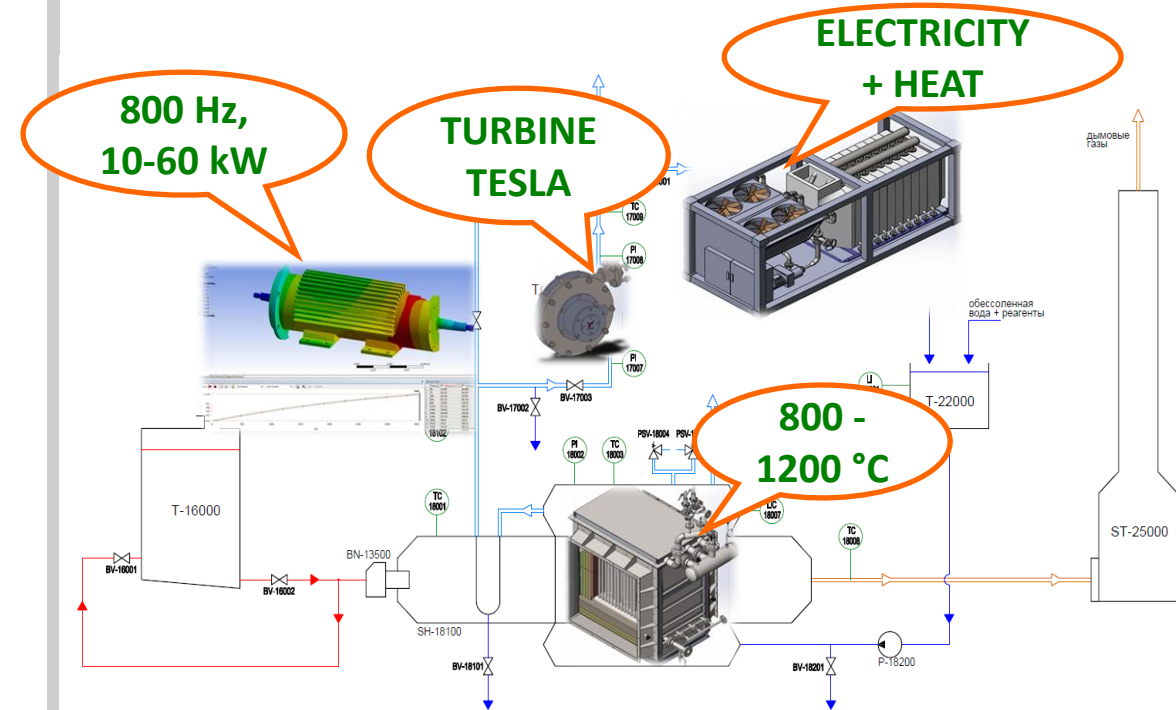
- + Combine two processes: pyrolysis and combustion;
- + Burn solid, pasty and liquid industrial and municipal waste;
- + Meet the requirements of Directive 2010/75/EC;
- + Have low maintenance costs (1,25 kg/h off-spec liquid fuel, 7 kW/h electricity for 50 kg/h);
- + Mobile models for 50 kg/h and 150 kg/h.



Development:

Heat to energy converter

utilizes the excess heat (800°C and above) of the exhaust gas, converting it into electricity and heat.



WASTE TO ENERGY