

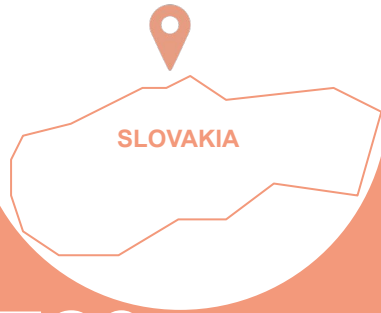
BROWNFIELD INDUSTRIAL PARK



Metals

Ensure the supply of energies and utilities in Brownfield industrial park.

Žiar nad Hronom, SLOVAKIA



DECARBONIZE

57 850

MWh/year Heat for the city

64 960

MWh/year Electricity for industrial clients

60 729

tonnes CO2 Saved emissions



CHALLENGES

The industrial site in Žiar nad Hronom was built in 1951 with focus on the production of aluminium. After its privatization in 2002 the company underwent broad restructuring, where several activities were transferred to subsidiaries and sold to strategic investors. The energy assets were moved to newly created company ENEVIA and the owner was looking for a strategic partner. Its objectives were mainly to:

- Ensure reliable and safe energy supply for industrial clients.
- Optimize energy production and distribution.
- Improve environmental performance of the site.



SOLUTIONS

- In 2008, Veolia (Dalkia) purchased the company ENEVIA a.s. thus becoming the owner of energy assets in the “Brownfield” industrial park of Žiar nad Hronom.
- In 2013/2014 the K6 coal boiler was reconstructed and equipped with new biomass gasifiers. Thanks to this investment, the boiler uses wood chips as the only fuel and the CO2 emissions of the site have been reduced by more than 60%.
- Veolia provides comprehensive energy services (in the production, distribution and supply of energy commodities - heat, electricity, natural gas, compressed air, water), which are currently used by industrial customers in a industrial park. Inter alia, Veolia ensures and operates of an industrial park, multi-technical services, services to buildings and neighborhood services for plant employees.





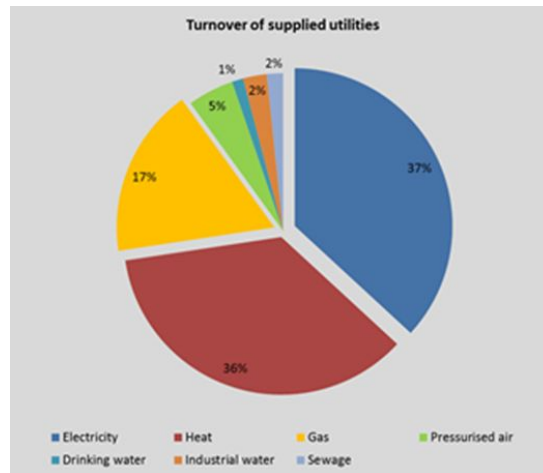
CONTRACT FACTS

Contract Facts:
Duration: since 2008 Assets
ownership

Duration: since 2008



- We supply heat for space heating and domestic hot water to more than 220 objects, the largest collection in the housing sector. We operate 222 transfer stations with compact modules, two substations and water distribution networks



BENEFITS

Industrial client's requirements:

Generation and distribution of heat (40 GWh),
Generation, delivery and distribution of electricity (65 GWh),
Delivery and distribution of natural gas (86 GWh),
Generation and distribution of compressed air (47 mln.m3),
• Production and distribution of drinking water and industrial water (590,000 m3),
Cleaning and sewage water management (663,000 m3).

• Public customer's requirements:

- Production and distribution of heat and hot water for the city (58 GWh).

• Veolia customer references: