



VEOLIA GROUP

IMPACT REPORT

VEOLIA GROUP 20 YEARS OF INNOVATIVE SOLUTIONS IN POLAND

Veolia Group is celebrating 20 years of its activity in Poland. According to the Impact Report that the Group prepared in connection with the anniversary, a leader in innovative solutions, the company played a big role in modernisation and development of the Polish energy industry.

VEOLIA WORLDWIDE

Veolia (full name: Veolia Environment) was founded in 1853

It is an **international group of companies** that specialises in optimised resource management.

AREAS OF ACTIVITY - MANAGEMENT OF:



energy



water



waste



40 COUNTRIES
area of activity



163 000
employees

VEOLIA GROUP IN 2016



44 MLN
MWh
energy
produced



100 MLN
people in the world
supplied with water
by the Group



45 MLN
TONNES
waste treated



24,39 MLN
EURO
turnover



PLN 1,1 BLN
invested to reduce
Veolia Group and its
clients' effect on the
environment

RESULTS OF INVESTMENTS IN THE ENVIRONMENT IN VEOLIA GROUP SINCE 2002

30%

average CO₂
emission
reduction

46%

average
phosphorus
reduction

51%

average
nitrogen
reduction

81%

average SO₂
emission (sulfur
dioxide)

84%

average NO_x
emission reduction
(nitrogen oxides)

88%

average liquids
emission
reduction

VEOLIA IN POLAND

The largest private heat provider. A partner of Polish cities and industry that also offers services in the field of collective water supply, wastewater reception and treatment and management of wastewater sedimentation.



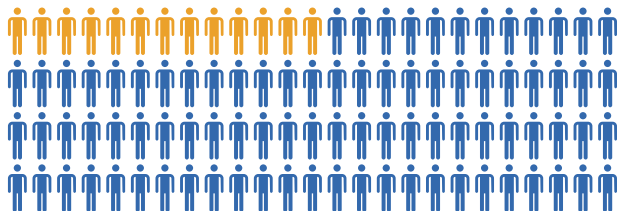
57 002 066,21 GJ

heat sold in 2016

Veolia produces heat and energy that account for **14%** of the household energy consumption in Poland

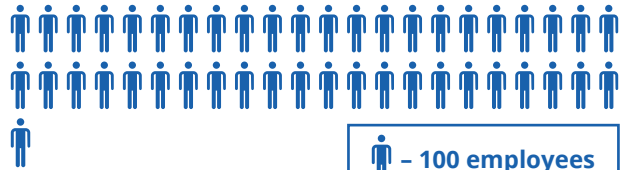


(this amount can meet the energy demand of **14 in 100** Poles)

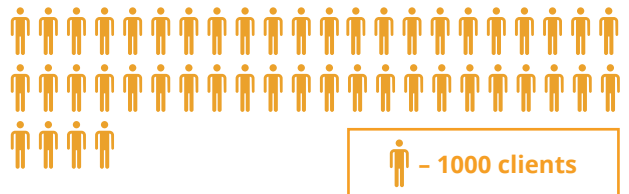


VEOLIA GROUP RECEIVED **OVER 60 AWARDS** for its business and social activity

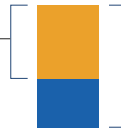
4 500 employees (at the end of 2016)



48 000 clients (households, housing cooperatives, local governments)

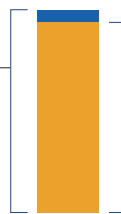


2.4 BLN investments between 2012 and 2016



4 BLN investments since 2002

8 500 companies are Veolia Group's suppliers (at the end 2016)



94% of them come from Poland

THE COMPANIES THAT ARE PART OF THE VEOLIA ENERGIA POLSKA HOLDING



PROJECTS THAT IMPROVE THE POLES' QUALITY OF LIFE

"Veolia Group thinks globally, however its activity is focused on the benefits of local communities."

POZNAŃ

The first projects in East-Central Europe that concerns recovering heat from industrial processes and using it in the urban heating systems.



30 buildings in Poznań are heated with the heat produced by the compressors in the Volkswagen Poznań Foundry. Instead of going to the atmosphere, the heat is used in buildings through the urban heating system managed by Veolia Energia Poznań.

ANNUAL SAVINGS



17 MLN
litres of water



40 000 GJ
of energy



2 265 TONNES
of coal burnt



1 000 TONNES
CO₂ emission reduction

Since 2012, Veolia has been trying to make the heat delivered to the residents of Poznań more environmentally friendly. This is why, it makes many investments in **Elektrociepłownia Karolin**:



PLN 327 MLN
value of investments necessary to reduce emission

EG KAROLIN WILL EMIT

3 TIMES LESS SULFUR **2** TIMES LESS DUST

ŁÓDŹ

As part of urban renewal, Veolia designs and creates heating networks making it possible to deliver system heat to modernised tenement houses.



80 buildings connected to the system heating (approximately 13 MWt of power)

300

more buildings can be connected to the heating system after the renewal (estimated power 80 MWt)

Veolia Group also carried out many different **investments** that modernise the heating system in Łódź, e.g. replacing hard coal with biomass.



IT BROUGHT **15%**
of green energy in total energy produced in EC-4 cogeneration plant.

Connecting the city centre to the system heating improves the quality of life of Łódź residents by reducing the emissions that are harmful to the environment.

WARSZAWA

Veolia carries out a project called "Intelligent Heating Network" which aims to support and improve the heating network management in the capital city.



As part of the investments, the network has been equipped with modern infrastructure that allows to monitor the transfer of heat and optimise work.



Thanks to that, the transfer minimises loss which means economic and environmental benefits.



14 500 TONNES PER YEAR
expected decrease in CO₂ emission in Warsaw thanks to the project



the cost of heating 5 thousand 65 square meters apartments



reducing heat loss by **123 TJ per year** through heat transmission

THE INTELLIGENT HEATING NETWORK COVERS



1 800
km network



19 000
buildings



80% of Warsaw heat demand

PLN 150-180 MLN PER YEAR investments that Veolia is planning to make in the city in the upcoming years

THE INFLUENCE OF VEOLIA GROUP ON THE ECONOMY*



PLN 3.10 BLN

total added value generated in the economy in 2016



13.5

total jobs kept in the economy in 2016



PLN 500 MLN

total value of remunerations in the economy in 2016



OVER PLN 650 MLN

total taxes, fees and contributions paid by Veolia Group in 2016



It is an amount equal to the annual governmental funding for employing people with disabilities (National Disabled Persons Rehabilitation Fund).



It is two times more than the number of Gniew residents where Veolia delivers heat.



It is an amount equal to the budget of the National Fund for Environmental Protection and Water Management.



This amount could cover the cost of building the Silesian Stadium.

SELECTED LOCAL TAXES

ALMOST PLN 25 MLN
paid in Poznań

OVER PLN 63 MLN
paid in Warsaw

OVER PLN 35 MLN
paid in Łódź

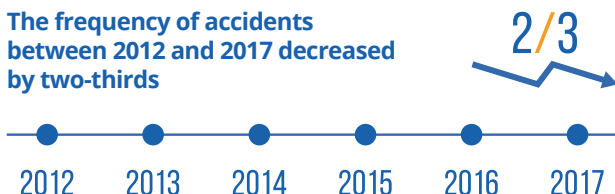


* estimate based on the model of interdependencies between different branches also referred to as the "Input-Output model" or the "Leontief model"

PEOPLE ARE PRIORITY FOR VEOLIA

Veolia is a leader in the sustainable development. The responsibility for development concerns the Group's employees and local communities. The company's priority has always been an efficient but also ambitious and dynamic model of relation between the internal and external world.

The frequency of accidents between 2012 and 2017 decreased by two-thirds



OUR GOAL FOR 2020

ZERO serious accidents | **IMPROVING THE OHS INDICES BY 20%** in the entire Veolia Group in Poland compared to 2014

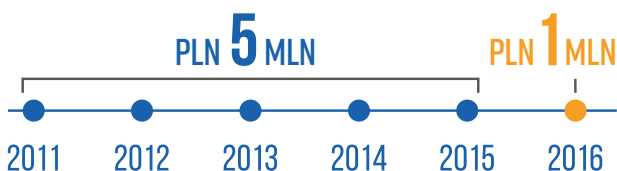
EMPLOYEES

PLN 5.3 MLN invested in trainings and developmental programs

93% of Veolia Groups' employees with job agreements for an indefinite period of time

32% female managers

LOCAL COMMUNITIES



VEOLIA GROUP INVESTED IN SPORT, EDUCATION AND CULTURE

SOCIAL PROJECT

	VEOLIA SPORT ACADEMY	141 young athletes supported by the Academy between 2011 and 2016	1 200 HRS of training	465 MEDALS won by the Academy beneficiaries	4 Olympic athletes took part in the program
	THE "GENERATOR PROGRAM"	11 schools from Poland cooperates with Veolia	20 students from partner schools were hired by Veolia in 2017	115 students receives scholarship from Veolia from Veolia	100 interns and trainees each year
	THE "JOB MARKET" SUPPORTING PROGRAM	70% of the beneficiaries were employed or started their own businesses	OVER 2000 students participated in trainings and workshops preparing them for entering the job market		

FUNDACJA VEOLIA POLSKA (VEOLIA POLSKA FOUNDATION)

The foundation carries out many socially-engaged projects, including "Szkoła Liderów Miast" ("The City Leaders School") and a competition called „Młodzi Obserwatorzy Przyrody – chrońmy razem bioróżnorodność” ("Young Nature Observer - Let's Protect Biodiversity Together"). The company also signed a declaration on cooperation in the "Partnership for Sustainable Development" created by the Ministry of Development.