



# 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** BLN  
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 CO<sub>2</sub>  
emission  
reduction

**46%**

average  
phosphorus  
reduction

**51%**

average  
nitrogen  
reduction

**81%**

average SO<sub>2</sub>  
emission (sulfur  
dioxide)

**84%**

average NO<sub>x</sub>  
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.



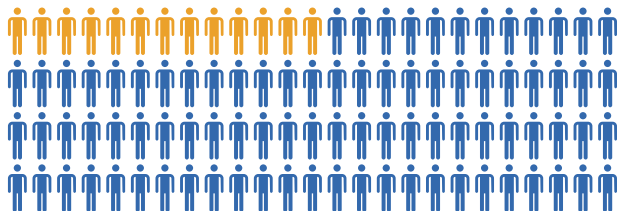
**57 002 066,21 GJ**

heat sold in 2016

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

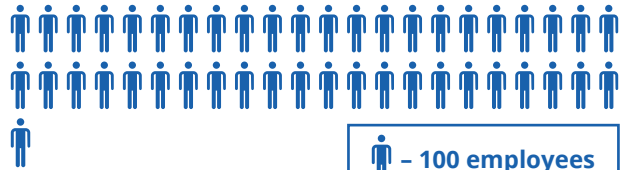


(this amount can meet the energy demand of **14 in 100** Poles)



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

**4 500** employees (at the end of 2016)

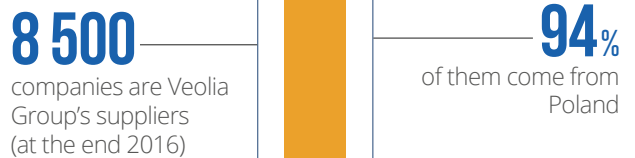


**1** - 100 employees

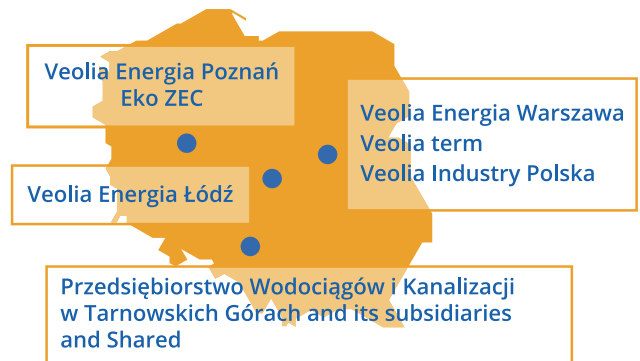
**48 000** clients (households, housing cooperatives, local governments)



**1** - 1000 clients



## 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**  
CO<sub>2</sub> 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 CO<sub>2</sub> 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

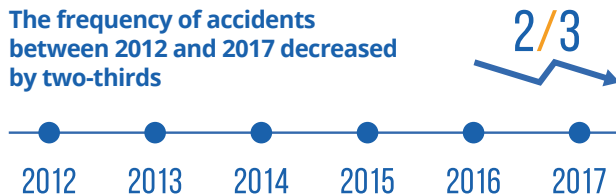
**OVER PLN 35 MLN**  
paid in Łódź

\* 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

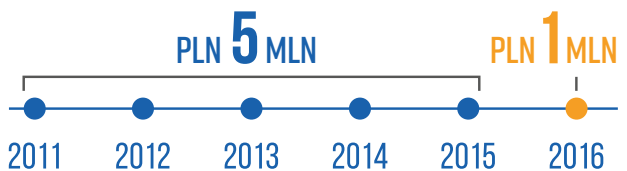
## EMPLOYEES

**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

	<b>VEOLIA SPORT ACADEMY</b>	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
	<b>THE "GENERATOR PROGRAM"</b>	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
	<b>THE "JOB MARKET" SUPPORTING PROGRAM</b>	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.