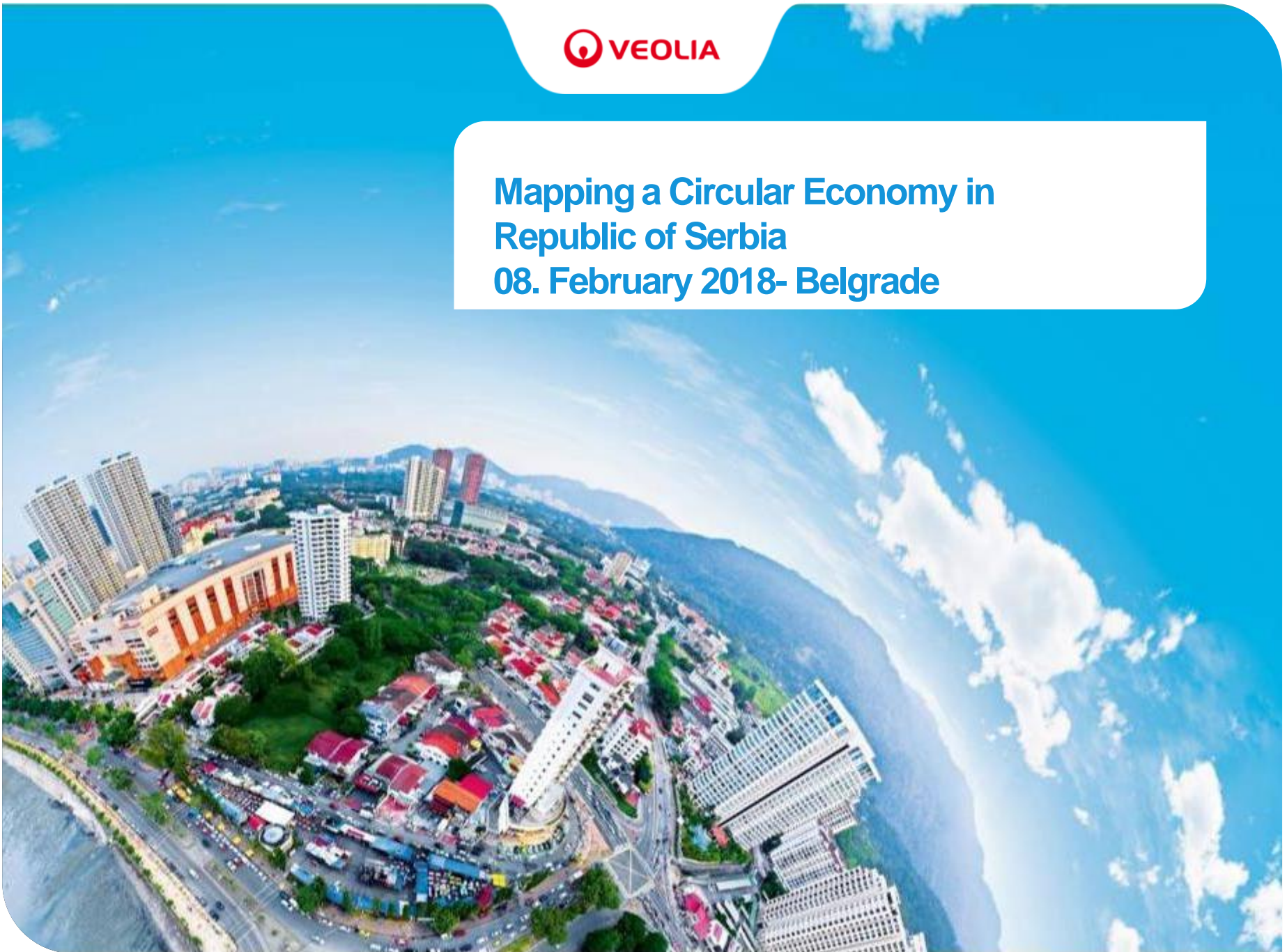


**Mapping a Circular Economy in  
Republic of Serbia  
08. February 2018- Belgrade**



# Our activity

Veolia designs and deploys solutions for **water**, **waste** and **energy** management, participating in the sustainable development of cities and industries.

## WATER



**100**

million people supplied with drinking water

**61**

million people connected to wastewater systems

**4,052**

drinking water treatment plants managed

**2,928**

wastewater treatment plants operated

## WASTE



**40**

million people provided with collection services on behalf of municipalities

**45**

million metric tons of treated waste

**764,477**

business customers

**591**

waste treatment facilities operated

## ENERGY



**44**

million MWh produced

**37,339**

Heating installations managed

**2,086**

Industrial sites managed

**551**

heating and cooling networks operated

**€24,4**  
billion revenue

**163,000**  
employees

# Our mission « resourcing the world »

**We contribute to improving access to resources as well as preserving and replenishing them.**



## Improving access to resources

Veolia offers operational solutions that consume fewer environmental resources and are more economically efficient, so as to expand both the potential and the accessibility of the resources available.

## Replenishing resources

Veolia provides solutions for creating new “secondary” resources that will gradually offset the increasing scarcity of natural “primary” resources, generating new opportunities for social and economic development that protect the environment.



## Preserving resources

Veolia develops solutions to conserve resources and optimize their use, while protecting their quality and efficiency throughout the usage cycle.



# Veolia in Central & Eastern Europe



## WATER

People served: **11,4 M**  
Employees: **12,536**  
Turnover: **€ 973.6 M**



## ENERGY

People served: **5,0 M**  
Employees: **10,635**  
Turnover: **€ 1,656.9 M**



## WASTE

People served: **0,6 M**  
Employees: **398**  
Turnover: **€ 11.3 M**

## 2016' Total CEE zone:

People served: **17,088,180**  
Employees: **23,569**  
Turnover: **€ 2.7 bn**



## VEOLIA in Serbia

- More than 10 years of presence in infrastructures projects
- Dedicated structure opened in 2015 for long term projects / PPPs
- Develop projects in Serbia and West Balkan region in the 3 business lines



# Our solutions for cities



## THE CIRCULAR CITY

**By saving resources, the circular city promotes growth, creates jobs, secures its supplies and reduces its CO<sub>2</sub> emissions. In local loops, it encourages local players to recycle and extend the duration of use of materials. It sets up economies of functionalities in order to share infrastructure and services.**

In **Sydney** (Australia) Veolia turns the city's organic waste into fertilizer and biogas. This green energy generates electricity for 3,600 homes and a fish farm.

In **Sofia** (Bulgaria) Veolia operates one of the largest WWTP in the Balkans. The sewage gas is converted in heat and electricity to cover the needs of the facility which is self-sufficient since 2014.



# Our solutions for industry



## THE CIRCULAR ECONOMY

**In a world where resources are scarce, Veolia develops circular economy solutions for and with its customers, making some people's waste someone else's resource. The Group creates local loops between players operating in the same territory.**

Thanks to its plant in **Vroomshoop** in the Netherlands, Veolia is the European leader in plastics recycling and in the production of recycled plastic. This competitively priced secondary raw material, used in particular to make household electrical appliances, has the same qualities as a virgin polypropylene.

# Case Study: Pecs in Hungary



- First biomass unit (woodchips) in 2004
- New biomass unit (straw) in 2013
- 400 kT of woodchips and 200 kT of straw
- Capacity: 85 MWeI and 300 MWth

## For the region & the city

- 100% of the heat demand of the city supplied
- Boost to the low carbon policy of the city
- Greater energy independence at the national level

## For the Citizens


- Extra income of 13 M€ for farmers
- Creation of 170 new jobs for the new unit
- 470 seasonal jobs during the harvest

## For the Environment

- 400.000 Tons of CO<sub>2</sub> emissions reduced per year

# Promote Green Growth & Green Jobs

## Our recommendation as a Private Partner

- An incentive legislative framework and dedicated budgets are needed,
- Harmonization at the EU level for some specifications is important,
- Environment, which is high on the Commission's political agenda should:
  - benefit of adequate funds and investment opportunities, and
  - get the attention it needs and is a priority for the candidate states,
- A collaborative approach with involvement of all stakeholders through win-win partnerships (Such as PPP) is beneficial as it enables circular and sustainable shifts in the economy, promoting growth and jobs,
- Creating local loops is key to generate local value: (  growth, job creation and resource savings),
- The support of the private actors should be valued: private sector has the knowledge, the experience, expertise and the skilled workforce,
- Keep in mind the added value of digital technologies to promote green growth & green jobs.



Resourcing the world  **VEOLIA**