



# WASTE MANAGEMENT IN THE CITY OF ZAGREB

City Office for Energy, Environmental Protection and  
Sustainable Development

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zagreb



# ZAGREB IN PICTURES



City of Zagreb is cultural, scientific, economic, political and administrative centre of the Republic of Croatia with seat of the Parliament, the President and the Government of the Republic of Croatia

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# Waste Management

Waste Management Strategy of Republic of Croatia / Waste management Plan in Republic of Croatia for the period from 2007 to 2015

- Waste Management Centres at county (regional) level
- City of Zagreb – WMC + thermal waste plant (location already in zoning plan)



# Waste Management

## Obligations of the City of Zagreb according to the Waste Act

- Counties and the City of Zagreb are responsible for management of municipal waste and special waste types
- The State is responsible for hazardous waste management and for incineration and co-incineration of waste





# Waste Management

Following constructions, equipment and installations are currently used in the City of Zagreb:

- System of containers and bins,
- Recycling yards (9),
- Landfill Prudinec,
- Installation for treatment of waste metal,
- Installation for sorting and treatment of paper and plastic material,
- Installation for treatment of waste glass,
- Installation for treatment of construction waste,
- Composting installations
- Installations for thermic treatment of hazardous medical waste

Bulky waste – collected door to door two times a year, free of charge



# Waste Management

- Collection of the waste is carried out by municipal company City Waste Disposal (Čistoća)
- Separate waste collection (requirement under the Waste Act) is carried out by municipal company City Waste Disposal (Čistoća) and by other public and private companies



# Waste Management

System of separate collection – since 80's:

- Paper
- Cardboard
- Packaging waste (glass, PET, metal)
- Green waste



# Waste Management

System of separate collection – since 2000:

- Waste batteries
- Medical products
- Oils
- Vehicle tires
- Metal bulk waste
- Construction waste





# Waste Management

## Facts and Figures

- Number of controlled (sanitary) landfills – 1
- Number of composting plants - 2
- Number of recycling yards - 9
- Total municipal waste generated (t) – 310.852
- Total municipal waste generated per inhabitant/year 314 kg/year
- Dry recyclables separately collected (formal sector) – 14,3%
- Dry recyclables separately collected (informal sector) – 24,1%



# Waste Management

## Facts and Figures

- Number of total households (population) in the area 304.681 (census 2011)
- Share of households (population) in the area with regular municipal waste collection services (%) 99,83% (year 2010)
- Frequency of waste collection (days per week)
  - 3 times per week in the City Centre
  - once per week – outskirts of the City
- Total amount of the waste collected (t) 561.472,4 t (year 2010)
- Share of total waste collected that is sorted by recyclables (t/%) 215.306,9t/38,4% (year 2010)
- Number of wild dumps – 680 (year 2010)



# Waste Management

- **Waste Management Plan of the City of Zagreb** - key planning document;
- Should be in accordance with:
  - WM Strategy and WM Plan in Republic of Croatia for the period 2007 – 2015
  - Sustainable Development Strategy of the Republic of Croatia
  - National Environmental Protection Plan, and
  - Environmental Protection Programme of the City of Zagreb



# Environmental Protection and Waste Management Sector

## Current status

- The draft Waste Management Plan of the City of Zagreb until 2015 is under the strategic environmental assessment procedure (SEA)



# Environmental Protection and Waste Management Sector

## Current status

- The main physical planning document of the City of Zagreb is under revision with the aim to determine the location for the future Waste Management Centre of the City of Zagreb



# Environmental Protection and Waste Management Sector

## Current status

- The Waste management Centre of the City of Zagreb is in conception/design phase





# Environmental Protection and Waste Management Sector

## Key issues to be addressed:

- To ensure conditions for the implementation of planning documents to be adopted in near future (finances, permits, studies, EIA, awareness raising, campaigns,...)



# Environmental Protection and Waste Management Sector

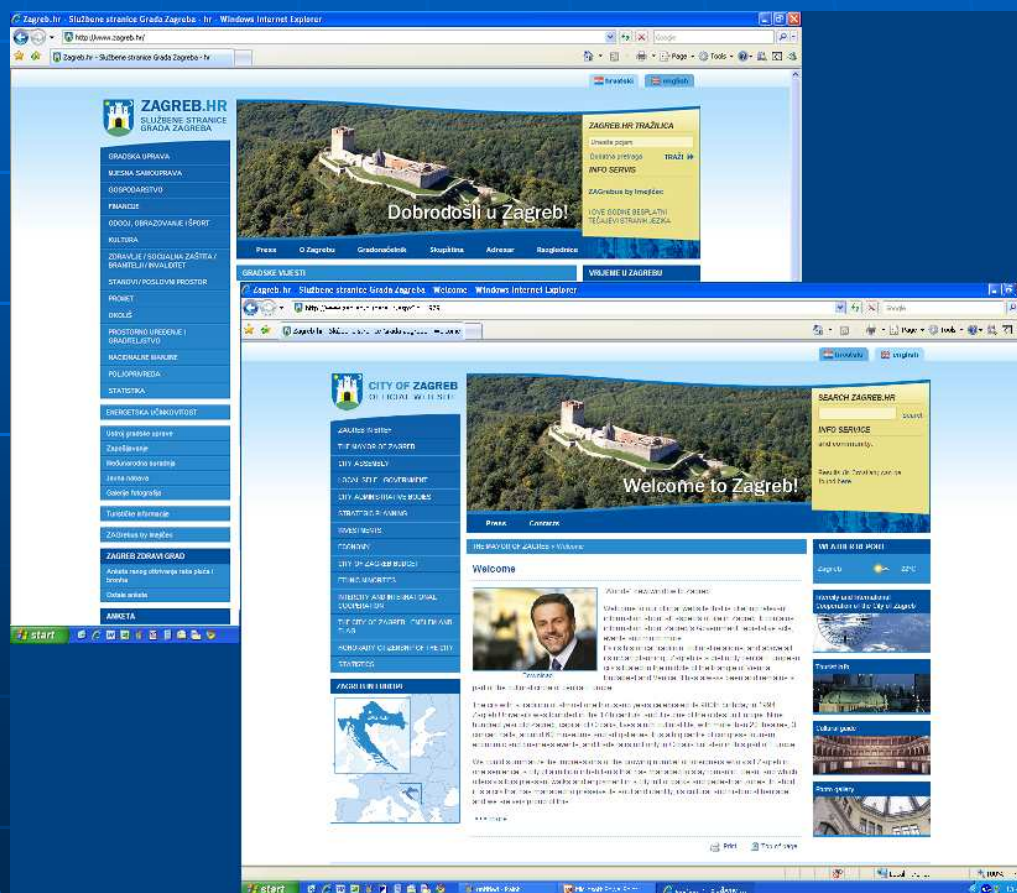
## Key challenge:

- To get citizens' support for the actions enabling the establishment of the integrated WMS in the City of Zagreb
  - to that aim Information - Education - Public campaigns in order to overcome the NIMBY effect



# Environmental Protection and Waste Management Sector

- Official web page of the City of Zagreb  
[www.zagreb.hr](http://www.zagreb.hr)



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Gradski ured za energetiku,  
zaštitu okoliša i održivi razvoj



# THE END

THANK YOU FOR YOUR ATTENTION!

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