

Newsletter #1

July 2015

Interested in the PPI4Waste project? Register to the PPI4Waste newsletters by sending an email to contact@ppi4waste.eu (with "PPI4Waste registration" in the subject) and do not miss any news of the project!

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The PPI4Waste project

The PPI4Waste project aims to promote efficient management of municipal waste and support the implementation of European policies and national strategies on waste through mechanisms such as public procurement of innovation.

The overall objective of the project is to improve resource efficiency, sustainable waste management and sustainable consumption throughout Europe by increasing the use of innovative public procurement through networking, capacity building, and dissemination. In its activities, the project brings together public authorities, service providers and waste experts to research and promote eco-innovative solutions which will ultimately encourage more sustainable waste management practices.

A total of 8 partners from 5 European countries are taking part in PPI4Waste, gathering experts in both waste treatment and public procurement of innovation. In addition, a group of experts at European level is being created in order to help guarantee the quality of the project's outcomes.

The project will explore mechanisms which can help overcome barriers to innovation and innovation procurement, including activities such as:

- Identification of common needs within the public sector
- Creation of an interest group and purchasing community
- Public-private collaboration through market consultation
- Capacity-building workshops to reinforce knowledge on PPI procedures
- Dynamic case studies to prepare coordinated procurement of eco-innovative solutions

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Needs and priorities



Underground waste collection system in the Gothenburg region, Sweden.

One of the first activities of the PPI4Waste project is to define common needs for the waste-to-resource challenges which can be solved with Public Procurement of Innovation (PPI). The establishment of common needs will enable a large group of potential buyers to be formed, which is vital to ensure critical mass when collaborating on public procurement.

During the first months of the project, the needs of public organisations in charge of municipal waste management have therefore been assessed. Within the project, a methodology for identifying and prioritizing common needs of public buyers in the field of municipal waste management has been developed, based on experience from previous projects within related topics.

A round of interviews with 14 contracting authorities across the EU has been conducted to map the needs of these organisations. Close to 100 identified needs have been analysed using methods including scanning, clustering, assessment and prioritization in accordance with the EU waste hierarchy. These needs cover the whole waste management chain, and some examples are: development of citizen involvement control systems, pre-treatment of bulky waste, reducing the noise caused by the mechanized street sweeping and washing system, biogas exploitation systems, sealing of landfill and gas removal.

As a result of the analysis, project partners will agree on at least three priority areas in municipal waste treatment. Partners will then prepare contracting authorities to use PPI to lead innovation and meet the future challenges in the waste sector.



Two-bin system (biowaste and fraction for incineration) in Gothenburg region, Sweden.

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The partners

The PPI4Waste project is coordinated by a multi-stakeholder consortium of 8 partners representing not only the technology and research community but also local and regional governments as well as supporting and dissemination entities. Together they have the necessary skills to reach the objectives, taking into consideration all aspects which play a role in the implementation of PPI, such as governance, dissemination aspects, technology and research, etc.



In that way, the project consortium covers:

- o Well known expertise and capacities in the field of innovative and sustainable procurement
- o High level expertise in waste sector and waste hierarchy
- o High potential to support and uptake public procurement of innovation processes

The 8 partners of the PPI4Waste project are:

- o [IAT - Andalusian Institute of Technology](#)
- o [ICLEI - Local Governments for Sustainability](#)
- o [Zagreb City Holding](#)
- o [University of Zaragoza](#)
- o [ACR+ - Association of Cities and Regions for Recycling and sustainable Resource management](#)
- o [Mancomunidad del Sur](#)
- o [SP - Technical Research Institute of Sweden](#)
- o [Dutch Ministry of Infrastructure and the Environment](#)

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Focus on Zagreb



The city of **Zagreb**, capital of Croatia, on the historic and political threshold between East and West, illustrates both the continental and Mediterranean spirit of the nation it spearheads. Zagreb is the cultural, scientific, economic, political and administrative centre of the Republic of Croatia, and is home to the Croatian Parliament, Government and President. Its favourable location between the Pannonian plain, the edge of the Alps and the Dinaric range has allowed it to become a crossing point for mass international communication.

Zagreb City Holding (ZCH) was founded in 2007 and is in 100% under the ownership of the City of Zagreb. It consists of 15 branches which perform the work of the former city enterprises, with a total of about 11.000 employees. The work of the Company is organized in four business areas: municipal, transport, and market functions and energy activities. Through its involvement in different fields of work, ZCH is able to broaden its ties with the community, build better links between people, their knowledge, time and experience.



The task of ZCH is the effective and long-term execution of municipal tasks, with maximum protection of the environment and the public interests of the local community. In the course of this work, particular attention is paid to continuously raising the satisfaction of beneficiaries of the company's services and employees, which is the key to future business development.



Čistoća, as one of the ZCH branches, has a well-developed infrastructure for waste collection of municipal solid waste as well as separate collection of recyclables. Within the City of Zagreb over 6.000 different bins for source-separation of waste (plastics, paper and glass) are installed. In the City of Zagreb, Čistoća is operating 9 recycling yards where citizens can, free of charge, deposit over 20 different waste types. Among them are WEEE, construction waste, hazardous waste, etc.

High priority has been given to the increase of quantities of collected biodegradable waste (biowaste) from restaurants, schools, kindergartens, etc. All of the collected biowaste is being composted at the composting plant in the City which is operated by the ZCH branch Zrinjevac. Collected municipal solid waste is being landfilled at the Jakuševac-Prudinec landfill which is operated by ZGOS, also a ZCH branch. Nevertheless, ZCH owns 60 CNG buses that are used in public transportation and is continuously taking actions to further renew its fleet with vehicles on alternative fuels.

Having in mind that the Republic of Croatia has become full member of the EU, ZCH is well aware of the responsibility to impose and to adopt the EU standards in any field of work. The subjects that most occupy its attention are the issues related to the environmental protection and waste management. In that sense, sustainable waste management is one of the priorities especially considering that the largest portion of the municipal solid waste is still being landfilled.





More information:

www.zagreb.hr
www.zgh.hr
www.cistoca.hr



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PPI4Waste, what's next?

In the coming months, analysis and exchange between PPI4Waste partners on the **definition and assessment of possible needs and emerging solutions** will lead to a technical report under the responsibility of SP. In parallel to the current assessment of possible needs (see previous article), the partners have also been working on the identification of solutions with the highest potential in PPI. This task, coordinated by IAT, will also lead to a report on state-of-the-art and innovative solutions.

These reports on possible needs and emerging solutions and the results of subsequent discussions will be presented during an **international procurement foresight workshop**. This workshop will be organized by ACR+ in **Brussels on 29 October 2015** and will give the opportunity to exchange on the identified needs and solutions among the partnership, the experts group as well as public buyers. This will facilitate the understanding of what is possible in order to procure innovation. In addition, the workshop will give the opportunity to present the **Interest Group and a Purchasing Community** coordinated by ICLEI and aiming at promoting the idea of public procurement of innovation among European territories and favouring opportunities of coordinated procurement of innovation among different public procurers in Europe.

The project will also keep on spreading the word about PPI and PPI4Waste progress, via continuous communication activities. In particular, the **PPI4Waste website** (www.ppi4waste.eu) will be released in July 2015, where all relevant information about the project will be available. This website will provide more detail about the project objectives, partners and results, in particular technical reports. It will also promote the Interest Group and the Purchasing Community, and interaction with those groups. **The PPI4Waste newsletter will be disseminated once per semester and you are encouraged to forward it to your relevant colleagues and contacts.**

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www.ppi4waste.eu (available soon) | contact@ppi4waste.eu