

**GPP**  
**2020**

procurement  
for a low-carbon  
economy



## **GPP 2020 – procurement for a low-carbon economy**

Promoting green public procurement (GPP) in support of the 2020 goals

Riga 21<sup>st</sup> May 2015



Co-funded by the Intelligent Energy Europe  
Programme of the European Union

GPP 2020 aims to mainstream low-carbon public procurement across Europe in support of the European Commission's goals to achieve a 20% reduction in greenhouse gas emissions, a 20% increase in the share of renewable energy and a 20% increase in energy efficiency by 2020.

## Objectives and main steps

### GPP 2020 will:

- build capacity amongst public authorities for the implementation of GPP for energy related products, services and works procurement
- build capacity amongst procurement training providers, to enable the integration of GPP into regular procurement training programmes
- achieve CO<sub>2</sub> reductions through supporting the implementation of GPP tenders
- promote knowledge transfer of GPP approaches, and innovative technologies and services between purchasing bodies and GPP support bodies across Europe
- enhance permanent GPP support structures in eight European countries



## Expected impacts

**GPP 2020 will significantly increase the implementation of GPP within the target countries both in the short and long terms, through a series of capacity building and major tendering actions.**

- >110 GPP tenders for energy related products and services carried out, leading to estimated GHG emissions of several 100,000 t CO<sub>2e</sub> during the project.
- 13 train the trainer seminars, resulting in 130 participants able to provide GPP training for procurers.
- 36 training seminars for procurers, resulting in 540 participants better able to implement GPP within their own procurement actions.
- A series of events and conferences, both nationally and internationally.
- Permanent GPP support functions to assist public authorities in implementation during and after the project.





## Supply of electricity efficiency cogeneration

Department of Economic Government of Catalonia

- CO<sub>2</sub> savings equivalent to the amount of CO<sub>2</sub> that was achieved (88,200 t CO<sub>2</sub> in 2010)
- The percentage of green electricity
- The guaranteed capacity of power



**Previous tender**

- 4% of electricity supply from green sources
- 75,883.11 annual CO<sub>2</sub> emissions

**GPP 2020 Tender**

- 100% of electricity supply from green sources
- 10,145.11 annual CO<sub>2</sub> emissions

## Joint Procurement of resource-copy management solutions

Conisp SpA, Italy

- Compliance with the last version of Energy Star and apply
- Advanced GPP criteria that include training courses, sample solutions and resource efficiency criteria
- Showing the case that mainstreaming low-carbon procurement of CO<sub>2</sub>



**Conventional solution as a benchmark**

- Printers already installed
- 84,096 t CO<sub>2</sub>e per lifetime
- 37,482,675 kWh consumption per lifetime

**GPP 2020 tender**

- New technology
- 1,051 t CO<sub>2</sub>e emissions per lifetime
- 3,042,384 kWh consumption per lifetime (at 70°C)

www.gpp2020.eu



## Sustainable Reconstruction of the Guard Lock near Limmel

Rijkswaterstaat, The Netherlands

- Remarkable savings equivalent to the savings annual CO<sub>2</sub> emissions of about 200 European households
- The procurement approach takes into account the uptake of innovative materials and working methods



**Standard tender**

- 0,662 t CO<sub>2</sub>e emission
- 2,619 toe energy consumption

**GPP 2020 tender**

- New procurement methodology and design optimization
- 0,282 t CO<sub>2</sub>e emission
- 2,313 toe energy consumption

**Results**

- 4,580 t CO<sub>2</sub>e savings
- 1,305 toe energy savings

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## GPP 2020 savings equivalent to the annual CO<sub>2e</sub> consumption of over 20,000 European households (as of May 2015)

GPP 2020 has saved

**15,517**

toe of energy

**145,712**

t of CO<sub>2</sub> eq

=



**>20,000 EU households**



## Partner and contacts

Germany: Federal Procurement Agency of the Ministry of Interior, ICLEI European Secretariat / Austria: Federal Procurement Agency (BBG), IFZ / Slovenia: Umanotera, Ministry of Finance / The Netherlands: RVO, RWS / Croatia: UNDP / Portugal: OesteCIM, LNEG / Italy: Ecosistemi, Province of Rome, Consip / Catalunya: Ecoinstitut, ICAEN, Generalitat Catalunya

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