



Tackling climate change through public procurement The DEEP project results

Communities all over the world are facing dramatic consequences of climate change.

Even under the most optimistic forecasts, temperatures across the globe are set to rise continuously by 1.8°C by the end of the 21st century^[1]. However, without urgent action, temperatures could rise much faster (4°C by the end of the 21st century^[2]), resulting in serious impacts world-wide such as increased extreme natural events (floods, storms, droughts) and increased vulnerability of industries, settlements and societies especially in coastal and river flood plains.

By far the biggest cause of climate change is our excessive consumption of energy, and our reliance on fossil fuels such as oil, coal and gas, leading to Carbon Dioxide (CO₂) emissions.

The role of local governments

Immediate action is required by all actors at all levels, and local governments have a key role to play. Through their ownership of buildings and their purchases of electricity and energy consuming products, local governments can make a major impact in reducing emissions of CO₂.

- **Improving the energy efficiency of the public building stock** – 40% of energy in Europe is consumed within non-industrial buildings. Simple renovations and standards for new buildings can lead to huge energy efficiency improvements, and through this also save money.
- **Buying green electricity** – as major consumers of electricity (6-7% of the whole European market), the purchasing of electricity from renewable energy sources can lead to significant reductions in CO₂ emissions (up to 18% of the Kyoto commitments).
- **Buying energy efficient products** – public authorities purchase a huge range of products which consume energy – from computers to buses, from light-bulbs to refrigerators. For all these products, for little or no extra cost many alternatives are now available on the market which consume far less energy than standard products.

The DEEP project – practical assistance

The Intelligent Energy-funded DEEP project (Dissemination of Energy Efficiency Measures in the Public Buildings Sector), running from 2005 – 2007, was aimed at raising awareness of the measures public authorities can take to improve energy efficiency in their operations and providing easy-to-use tools to assist in taking concrete steps.

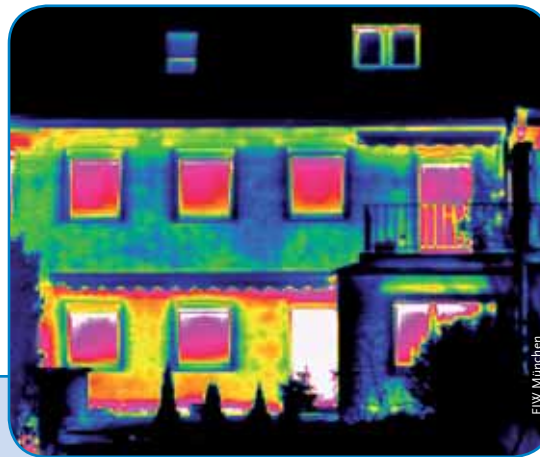
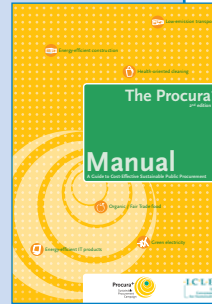


^[1] IPCC (2007): A report of Working Group I of the Intergovernmental Panel on Climate Change, Summary for policymakers, Temperature Change (°C at 2090-2099 relative to 1980-1999), B1 scenario (likely range 1,1-2,9 degrees Celsius), p. 14

^[2] IPCC (2007): A report of Working Group I of the Intergovernmental Panel on Climate Change, Summary for policymakers, Temperature Change (°C at 2090-2099 relative to 1980-1999), A1FI scenario (likely range 2,4-6,4 degrees Celsius), p. 14

Tools that have been developed include:

- **The DEEP energy efficient procurement toolkit**, providing:
 - Guidance on developing and implementing an energy efficient procurement policy
 - A Life-cycle cost analysis tool, to help demonstrate cost savings through reduced energy consumption
 - A self-assessment of energy consumption tool (SASESATO), to identify potential energy efficiency improvements in the building stock
 - Purchasing advice and criteria for sustainable construction, green electricity, and energy efficient IT products
 - The tools are available for download at www.iclei-europe.org/deep
- **The Procura+ Manual, A Guide to Cost-effective Sustainable Public Procurement** – providing an introduction to the topic of sustainable procurement, and straightforward advice on implementation
The Manual is available for download at www.procuraplus.org
- **Policy recommendations**, providing advice for European and national decision makers on how to foster the promotion of sustainable construction and green electricity through public procurement
The recommendations are available for download at www.iclei-europe.org/deep
- **The Procura+ Campaign** – public authorities may also wish to join Procura+, ICLEI's Sustainable Procurement Campaign, which aims to support public authorities across Europe in implementing Sustainable Procurement – and help promote their achievements. The goal of the Campaign is to bring together a critical mass of public authorities committed to implementation to help drive real change on the market.
To learn more please visit www.procuraplus.org



The DEEP project partners

The DEEP project partners bring a wealth of different European experience to the project. Special attention was paid to a North-South balance to ensure the suitability of the criteria in different climate conditions. The following organisations form the project consortium:

IFZ- Interuniversity Research Centre (Austria), Auxilia (France), Energy-Environment-Local Development-EPTA (Greece), Università di Reggio Calabria, DASTEC (Italy), Ecoserveis (Spain), Diputació de Barcelona (Spain), Local Union of Municipalities & Communities of Attiki (Greece), Provincia di Cremona (Italy) and Växjöhem AB (Sweden), ESD (United Kingdom)

DEEP is co-ordinated by ICLEI – Local Governments for Sustainability.

More information

More information about DEEP is available on the project's web site www.iclei-europe.org/deep

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