

# ERSCP 2012: Workshop Design Sheet

## **Title of Workshop \***

Sustainable Construction for public buildings - ecofriendly choice of building materials

## **Subtitle**

How to get a good indoor air quality by avoiding emissions of hazardous substances from construction and reduced embodied energy of used materials. Experiences from the city of Vienna and the province of Vorarlberg.

## **Objectives**

Presentation of an advisory service for sustainable public construction

Criteria for the call for tenders ([www.baubook.info/oea](http://www.baubook.info/oea) )

Experiences made in the city of Vienna and the province of Vorarlberg

ABK ÖKO Edition - ecological procurement easily done; Presentation of a software-tool for public tendering with ecological measures.

Certification of public buildings

## **Short Description of Workshop Outline (max. 2000 characters) \***

The City of Vienna and the province of Vorarlberg have harmonized the ecological criteria for their call for tenders. All the criteria are free available at the internet database "baubook ökologisch ausschreiben" ([www.baubook.info/oea](http://www.baubook.info/oea) ).

Furthermore the database provides a list of products, which correspond with the criteria. The availability of corresponding products is crucial for the realisation of sustainable buildings.

Manufacturers of building products have the possibility to declare their product in the database. Before being listed the declarations of the products are checked. This centralised product declaration reduces the effort for all parties involved. The declaration and the checking are done only once and are available for all future building projects.

The Umweltverband has developed an advisory service for sustainable construction for public buildings in Vorarlberg. Within this advisory service the municipalities get support by realizing energyefficient and ecofriendly buildings through the whole planning and building process.

„ÖkoKauf Wien“ is successfully tendering out more than 200 purchasings referring to this harmonized ecological building criteria every year. Some helping tools have been developed for purchasers, suppliers, but also site foremen. All tools are free available in the net, and can also be used by architects or any private builder. [www.wien.gv.at/english/environment/protection/oekokauf](http://www.wien.gv.at/english/environment/protection/oekokauf)

ABK ÖKO is one of these helping tools. Architects are supportet with this free software to create tender specs with ecological measures which fit to the regulation for public tendering.

The Umweltverband Vorarlberg developed within the ENERBUILD-Project a tool for certifying public buildings. This tool ist also an open source product an available on the ENERBUILD website ([www.enerbuild.eu](http://www.enerbuild.eu) ). This tool was adaptet for Vorarlberg and since 2011 the amount of government aid for municipalities depends on the points of this tool.

## **Expected Outcomes and Results**

Overview of existing free available tools and services in Vorarlberg and Vienna concerning sustainable construction.

Promotion for the harmonised criteria and free available tools and services to convince other cities, regions but also privates tu use the same system.

Possibility to talk about how to realize green public buildings. Discussing criteria and processes in terms of public tendering.

Exchange and networking

**Input 1:** Sustainable construction for public buildings in Vorarlberg - an advisory service; Dietmar Lenz

**Input 2:** "ÖkoKauf Wien" – a programme for green public procurement: example interior construction; Michael Grimburg

**Input 3:** baubook - database for builidung products; Hildegund Mötzl/ Christoph Sutter

**Additional Inputs – Comments, Ideas:** Monika Ilg, ABK Öko