



## Making it happen - Methods for embedding climate concerns in procurement ( P6 )

### Training materials and innovative management tools for sustainable procurement

**Martin Möller**

**Senior Resercher**

Sustainable Products and Materials Flows  
Division

Merzhauser Str. 173

79100, Freiburg

Germany

**Tel:** +49-761-45205-56

**Fax:** +49-761-45205-88

**e-mail:** m.moeller@oeko.de

**www:** www.oeko.de

**Organisation :** Öko-Institut

**Short description:** Founded in 1977, the Öko-Institut is a leading European research and consultancy institution working for a sustainable future. It employs more than 120 staff, including 80 researchers, at three locations: Freiburg, Darmstadt and Berlin. Fields of expertise include energy and climate change, nuclear technology and plant safety, infrastructure and enterprises, sustainable products and material flows, and sustainable consumption.

## Executive Summary of your Abstract

The approach of the project is characterised by a high practical orientation. For example, the training materials are developed in close cooperation with the Central National Training Institution for Public Service (BAKöV). Moreover, the enhancement tools for the interaction of sustainable procurement and innovation applied within a lighthouse project, which aims to setup a technological roadmap for the procurement of highly innovative passenger cars.

## Abstract

Based on a short overview of the German Federal Environment Agency's (Umweltbundesamt - UBA) activities on sustainable procurement, a UBA-research project conducted by the Öko-Institut is presented. This project aims to analyse the current state of public procurement in Germany at federal level, and develops measures to improve its environmental performance. Having started in October 2007 with duration of two years, major results will be available in March 2009.

One of the key objectives of the project is to develop training material for procurers covering important practical aspects of the procurement process, such as strategic market observation, use of environmental product criteria and life-cycle costing. The training materials are designed for federal training institutions offering special courses for public procurers. With their modular concept, the training materials allow a flexible integration in the individual training scheme.

Another main goal of the project is to analyse and enhance the interaction process of public procurement and innovation. Therefore, a three-step methodological approach is applied. On the first step, the different perspectives of private innovators and public procurers are investigated. Based on this analysis, within the

second step the different perspectives are brought together and tools for a better customization of innovative products and services are developed and concretised for the interaction between innovators and procurers, such as feasibility studies, innovation workshops and pilot systems. Finally, on the third step the tools are reduced to practice within an exemplary interaction process. This “lighthouse project” is focused on the procurement of environmentally sound passenger cars. Within several workshops different clean vehicle technologies (e.g. small cars with automatic start-stop mechanism, electric drive, and hybrid drive) are evaluated against the requirement profile of public procurement and roadmap for their usage is developed.

## **Resumé**

Having a background as environmental engineer, Martin Möller is an expert for Life Cycle Assessment and has got extensive experience in the field of methodological assessment of environmental impacts. Besides the assessment of emerging technologies (e.g. nanotechnologies), his research is also focussed on sustainable procurement. Within this field, Martin Möller has experience with various projects both on the national and European level.

**Recommended reading:** N.A.