

MIRESA - MILJØØKONOMISK REGNEARKSMODEL FOR SAMFUNDSØKONOMISKE ANALYSER

A COST-BENEFIT SPREADSHEET MODEL FOR ENVIRONMENTAL
PROBLEMS

Keywords

Cost-benefit analysis, applied environmental economics, waste, air-pollution.

Status

The project was commissioned by the Danish Ministry of Environment and carried out by COWI A/S. The project was completed in December 2014.

Input to the Conference

The Danish Ministry of the Environment will start by outlining the background for the project, the success criteria, and the main purpose. Afterwards, COWI A/S will describe the project in more detail, the difficulties encountered and the outcome. Finally, the Danish Ministry of the Environment will give an example of a real-life problem where the project outcome proved beneficial. The presentation will be rounded off by a look at the future work.

The speakers will be Mette Dalsgaard presenting COWI and Signe Anthon presenting the Danish Ministry of Environment.

Abstract

The Danish Ministry of Environment was looking for a basic calculation tool that could be used for socio-economic assessments across the remit of the Ministry and improve the transparency and consistency of the Ministry's calculations. Against this background, COWI developed a spreadsheet model for waste management and air pollution, called the Environmental Economics Spreadsheet Model for Socioeconomic Analysis (MIRESA). Overall, the spreadsheet model is based on the principles of guidelines issued by the Danish Ministries of Finance and the Environment.