



**EINCOPS**

Energy Efficiency in Industrial,  
Commercial and Public Sector

Danida Environmental Support Programme 2

## Introduction to EINCOPS

Jesper Vauvert, Team Leader

Energy Audit and Certification Scheme for Energy Auditors

18<sup>th</sup> January 2011, UGM, Yogyakarta



## Outline of presentation

1. Brief overview of EINCOPS project
2. Objectives for the energy auditor certification Scheme
3. Developments and next steps



**EINCOPS**

Brief overview of EINCOPS project



## Background and context

EINCOPS is a cooperation between the Government of Indonesia and the Government of Denmark.

It is implemented through the Ministry of Energy and Mineral Resources, Directorate General for New Renewable Energy and Energy Conservation with the support of Danida.

The Support is directed through the Danish-Indonesian Environmental Support Programme and will continue until end of 2012 with an overall budget of approximately IDR 80 billion for the energy efficiency activities.

# Overview of project activities



Energy Efficiency  
home competition

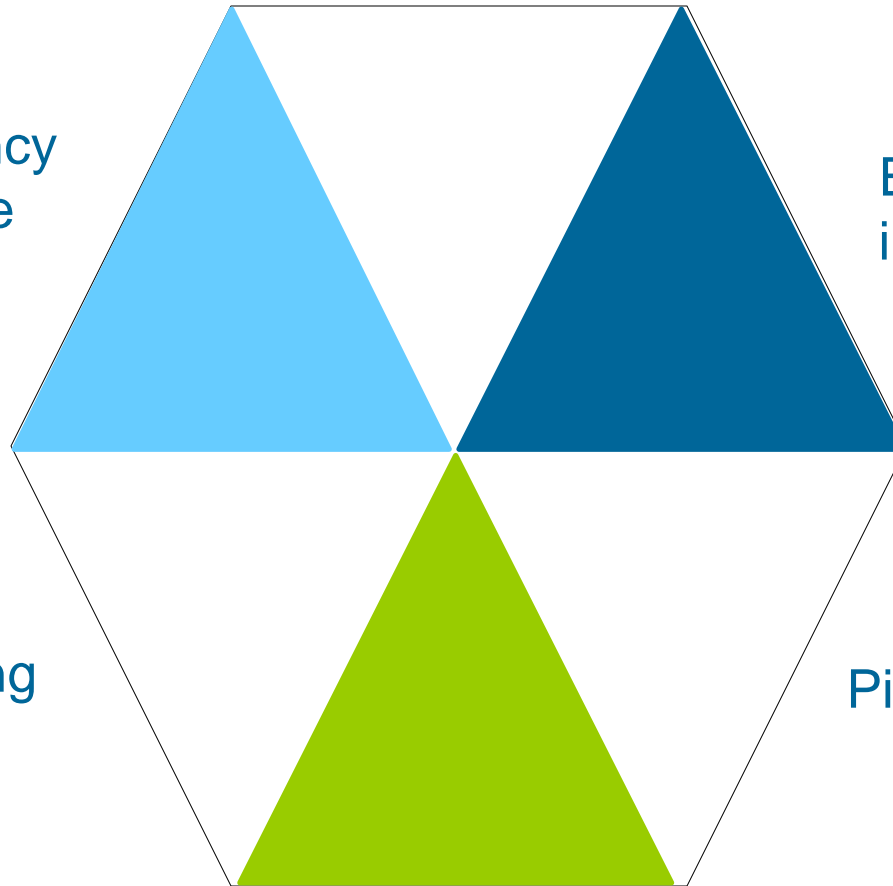
Energy Efficiency  
Clearing House

Energy Efficiency  
in Buildings

Capacity building

Pilot projects

Energy Auditor Certification





**EINCOPS**

Background and context for  
the energy auditor  
certification Scheme



## Background and context

Energy Law 30/2007, National master plan for energy conservation (2005) & Government Regulation No. 70/2009 on Energy Conservation etc. increases demand for energy audits and necessitates monitoring of progress towards policy targets

Energy audits currently conducted do not use commonly agreed methodologies, or a clear set of agreed criteria and assumptions

Energy auditors have very varied base qualifications and no commonly agreed minimum qualifications have been available or required



## Objectives of the energy auditor certification Scheme

Minimum qualifications and training of energy auditors are standardized

Methodologies, methods and assumptions for energy audits are standardized

The general level of competence amongst energy auditors, and the quality of energy audits, are improved

Results of energy audits are easier to implement, maintain, and aggregate

Impacts of energy efficiency implementation efforts will be easier to monitor and evaluate





**EINCOPS**

Developments and next steps



## Immediate next steps towards certification of Energy Auditors

Through stakeholder consultation and discussions with Ministry of Energy and Mineral Resources, to agree on the overall organization of the certification scheme.

Carry out training needs assessment (for training institutions etc.)

Support to MEMR in developing the necessary documentation for establishment of the scheme

Support to training of trainers



**Jesper Vauvert**  
[Jesper.vauvert@dem.dk](mailto:Jesper.vauvert@dem.dk)  
Team Leader

---

"Energy Efficiency in Industrial, Commercial and Public sector"  
Directorate General New Renewable Energy and Energy Conservation  
Ministry of Energy and Mineral Resources  
5th floor, Jl H.R. Rasuna Said, Blok X-2, Kav 07-08 Kuningan,  
Jakarta 12950  
Indonesia  
Phone (+6221) 522 5180, ext 2514  
Fax: (+6221) 522 4483



**Thank you for your attention !**