

# **NAMAs supported by fast start climate finance – the case of Vietnam's energy efficiency program**

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# EE in Vietnam

## Small and medium scale industry

- Fokus on bricks, ceramics and 3rd sector in 5 provinces
- 500-1000 energi audits
- Financing mechanism for investments in 150-250 concrete EE projects
- **MRV system**

## Buildings

- Implementation of building code in new large buildings
- Capacity building at ministerial and provincial level
- Preparation of demonstration building
- **MRV system**

# VNEEP indicators by sector (SME industry: bricks, ceramics, 3rd.)

- Energy managers network established end 2013
- No. of energy audits done
- No. of enterprises that implement EE measures
- Benchmarks established by sector
- No. of awareness campaigns completed
- No. of enterprises receiving TA and inv. support
- Information on EE and conservation technologies
- No. of energy service providers trained on ESCO business model

# Output VNEEP SME industry (bricks, ceramics, 3rd)

- 500-1000 SMEs are aware of EE potential, technical solutions, sources of technical and financial support within at least 3 sectors
- 30-50 service providers competent and available for the 3 sectors
- 150-250 EE investment projects implemented
- Long term commercial partnership established

# VNEEP indicators building sector

- No. and % of new buildings that apply EE measures as regulated (100% in 2015)
- No. of workshops/training events to promote energy efficiency standards and design
  - No. of trainings held for EE managers
  - No. of trainings held for building staff to apply BC and building design
  - No. of trainings held for enforcement staff

# Output VNEEP building sector

- Mechanism established for regulation (BC and supportive circular)
- Capacity increased at MoC and related agencies for implementing the BC leading to gradual compliance for all new buildings by 2015
- A fundable proposal for a demonstration project is presented by the end of the project
- A partnership mechanism is in place enabling MOC and others to access state of the art policy and regulatory competence from DK within EE and low carbon transition in buildings

# Possible elements of a strengthened MRV system?

- Measuring energy and emissions reductions from the 150-250 implemented investment projects
- More focus on measuring side benefits, eg. job creation, health effects, reduced pollution, poverty reduction, gender aspects, etc.
- Other sustainability aspects





# Thank you

More information: [ubb@ens.dk](mailto:ubb@ens.dk) or  
<http://www.ens.dk/en-US/ClimateAndCO2/LCTU/bilateral/Sider/Forside.aspx>