



## IMPROVING THE ENERGY EFFICIENCY OF SMALL AND MEDIUM-SIZED BUSINESSES

As of: August 2019

## OBJECTIVE AND ACTIVITIES

The project improved advisory services and funding instruments to increase energy efficiency in Thailand. It fostered the sharing of experiences between the competent Thai institutions (ministries, associations, private consulting companies, etc.) and German organisations and model enterprises, thus helping them to build capacities in this area. In addition, the project partners implemented specific energy efficiency measures in selected enterprises in order to create examples of good practice and demonstrate the potential for cost savings and reductions in greenhouse gas emissions.

### STATE OF IMPLEMENTATION/RESULTS

- Project completed
- Energy-related advisory services already available to small and medium-sized enterprises (SMEs) analysed to determine the need for initial and further training for energy efficiency advisors
- Five economic sectors (glass industry, ferrous metal and aluminium foundries, textile industry and food industry) with high greenhouse gas emissions selected; corresponding baseline studies conducted and guidelines on best available techniques (BATs) drawn up
- Curricula and training materials developed on the basis of the BAT guidelines
- Pilot plant determined for each sector; energy audits carried out
- Energy consumption of 23 companies reduced by 4.27 percent on average
- Stakeholder workshop and expert workshops carried out; 57 civil servants and 30 experts from industrial and trade associations

## PROJECT DATA

### Country:

Thailand

### Implementing organisation:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

### Partner institution(s):

- Ministry of Industry - Thailand
- Federation of Thai Industries, Ministry of Industry - Thailand

### BMU grant:

€ 1,324,526.10

### Duration:

02/2009 till 02/2012

### Website(s):

<http://www.giz.de/en/worldwide/18452.html>

### Related news and movies

### Related publications





trained in the areas of energy efficiency, environmental performance and safety standards; 46 experts given training in preparation for energy, environmental and safety audits; four study trips to Germany

- Creation of a Thai energy efficiency network for SMEs
- Recommendations made for the introduction of an integrated control system to prevent air pollution; 53 civil servants given corresponding training

