



Mixtures of oil and water

Mixtures of oil and water are produced in the most diverse areas of industry, for example, in engineering, in automobile manufacture, in food processing, and in the fish industry. Even when the oil in question has different origins, the principles involved in treating it are similar.

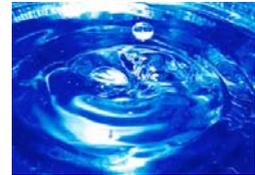
Oil-contaminated water has a negative effect on a product's environmental properties. Since the production of internationally traded goods calls for increasing adherence to international environmental standards, trade can be impaired when such standards are not met.

What is PROTEKT?

PROTEKT proposes building on the technical capacity of the SMEs in Thailand in respect to the management of oil-contaminated water (industrial oily waste and wastewater). The project provides the enterprises with the tools to rethink their production chains using economically viable and environmentally sound methods.

The project aims at increasing market opportunities through promoting environmentally friendly production in Thailand. To this aim, practice-oriented guidelines, applicable to a wide range of industries, a training module and a distance-learning package are developed in collaboration with scientists and those working in industry in Thailand and Europe.

The target groups are the Thai industries and trades where oil-contaminated water is involved. The main activities are developing guidelines, providing consultations, preparing training material, implementing a workshop and a training course, and integrating all resulting material in a distance-learning module.



PROTEKT

Handling and Treatment of Oil-Contaminated Water in Thai Industries and Trades

An interdisciplinary and international consortium from Thailand, Estonia, the UK and Germany jointly carries out the eighteen-month project started in November 2006. The specific objective of the project is to develop practice-oriented guidelines specifically for Thailand on the handling and treatment of oil-contaminated water (industrial oily waste and wastewater).



Target groups

- Shareholders
- Managers
- Engineers
- Technicians
- Scientists
- Other related staff

who are directly and indirectly involved in the handling and treatment of oil-contaminated water.

The overall objectives of PROTEKT

- To promote environmentally friendly production in Thai industries and trades
- To contribute to the effective and efficient managing of oil-contaminated water
- To raise awareness of producer responsibility for the environment in Thai SMEs
- To help the targeted SMEs to internationalise their business strategies and co-operation
- To increase national and international market opportunities for European Union and Thai enterprises
- To contribute towards facilitating networking, collaboration and cooperation between both regions

The main activities and outputs of the project are:

1. Comprehensive guidelines

The practice-oriented handbook serves for professionals who are involved in environmentally friendly production, particularly in respect to managing mixtures of oil and water.

3. Workshop for professionals in Thailand

The workshop in Thailand aims not only at raising awareness of producer responsibility for the environment, but also at jointly developing the final guidelines and training modules suited for the particular Thai industries. The participants are representatives from the eleven SMEs, business intermediaries and other related organisations as well as academic institutions.

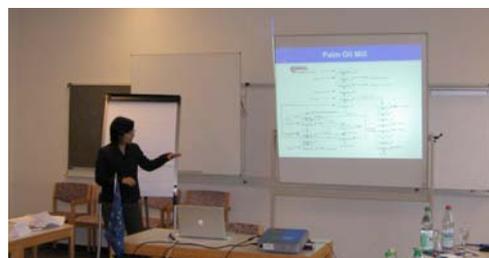
4. Training course for professionals in Thailand

The training course after the workshop focuses on providing the participants with the effective and efficient tools and methods for managing oil-water mixture. The course covers a variety of topics related to the handling and treatment of oil-contaminated water.

Participating Industries

The following small and medium enterprises in Thailand have been invited to participate in the activities jointly with the consortium.

- Products Development Manufacturing Co., Ltd.
(Lube oil and grease blending industry)
- Chon Chareon Co., Ltd.
(Cassava starch production industry)
- Chaiyaphum Plant Products Co., Ltd.
(Native cassava starch production industry)
- S.P.O. Agro Industry, Co., Ltd.
(Palm oil production industry)
- Asian Palm Oil Co., Ltd.
(Palm oil mill industry)
- Siam Modern Palm Co., Ltd. (Palm oil mill)
- Pattaya Food Industries Co., Ltd.
(Fishery products)
- Lucky Cannery Co., Ltd. (Fishery products)
- Unicord Public Co., Ltd.
(Canned seafood)
- Betagro Co., Ltd. (Food industry)
- Pacific Fish Processing Co., Ltd.
(Frozen seafood industry)



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The European Union's Asia-Invest Programme

The Asia-Invest Programme was launched in 1997 as a European Union initiative designed to promote and support business co-operation between the European Union Member States and South Asia, South-East Asia and China. This 5-year Programme with a total budget of €42 million, aims to facilitate opportunities for co-operation between European and Asian companies, in particular small and medium-sized enterprises (SMEs), and increase capacity for long-term strategic alliances by providing support to economic intermediary organisations. The Programme is under a period of review in 2002, pending the launch of a second phase for 2003-2007. For further information on the programme, please see: <http://ec.europa.eu/europeaid/projects/asia-invest/>