



**Projektträger**  
Forschungszentrum  
Karlsruhe (PTKA)



Federal Ministry  
of Education  
and Research

# Mining and Environment in Vietnam in Quang Ninh Province



## On the one hand...

### World Natural Heritage Site Ha Long Bay

- bay with 1,600 limestone islands and islets in the Gulf of Tonkin
- precipitous nature, unaffected by a human presence
- high number of different species, great biological interest
- important region for tourism

## On the other hand...

### Main Coal Mining Area of Vietnam

- coal mining since 150 years
- open pit mining
- 95% of the Vietnamese coal production, important export good



## The project develops environmental concepts, for instance for water related issues:

- management of water from the pits and the dumps (quantity, quality)
- chemical and/or biological treatment of water from the pits and the dumps
- landscape planning and management in order to improve the regional water resources and to reduce the environmental impacts on Ha Long Bay

## RAME Partners:



**eE+E**

Environmental Engineering and Ecology  
Prof. H. Stolpe, Dr. K. Brömme



Gesellschaft für Consulting, Business  
und Management mbH  
Dr. S. Möllerherm



Institute of Mining Engineering I  
Prof. P. N. Martens



UFZ Centre for Environmental Research  
Leipzig – Halle  
Prof. U. Stottmeister

## RAME Research Association Mining and Environment in Vietnam

Coordination:

**Dr. Katrin Brömme (CEO)**

Prof. Dr. Harro Stolpe

Ruhr University of Bochum

Universitätsstrasse 150

D-44780 Bochum, Germany

Phone: +49 - 234 - 32 - 27995, Fax: +49 - 234 - 32 - 14701

[www.rub.de/ecology](http://www.rub.de/ecology), [harro.stolpe@rub.de](mailto:harro.stolpe@rub.de)