

What is CREED?



CREED (Center for Research, Education and Demonstration in Waste Management) is a national German center for research and education in waste and resource management.

Vision

CREED offers international experts and stakeholders the opportunity to visit and to experience state of the art waste management technologies as well as getting trained in their application. Thus, the required "capacity" for the implementation of modern waste management systems is generated.

Our offer:

CREED provides practical and work-related training on different levels of interest – for facility managers, engineers, scientists and leading management personnel. At CREED research and development projects with practical background can be carried out in large scale – either by research staff of the center or as a visiting scientist.

CREED provides access to a network of international well-established experts and companies in the area of waste management and environmental technologies. At CREED state of the art technologies can be visited and experienced directly and in detail. German companies exhibit their applications, equipment and machinery - in real action.

The cooperation of internationally renowned scientists, experts in applied science and committed staff creates an environment, where visitors and clients will learn about the most advanced concepts and techniques of waste management and environmental technology in theory and practice. The educational measures at the location "Pohlsche Heide" near Minden will be flanked by research and development projects and demonstration of German environmental technology by manufacturers and service providers. CREED is supported by industry, government authorities and universities.

Our scope of work:

- Our main focus lies on the transfer of both well adapted and on the edge technologies and procedures for international application
- logistic and management of waste collection
- developing waste treatment concepts
- conditioning and recycling technologies as well as secondary raw material generation and product engineering
- refuse derived fuels out of biomass, waste and residual materials
- landfill technology – design, operation, closure, aftercare and landfill mining
- brown-fields exploration and remediation
- design, construction and operation of facilities



- climate protection measures in waste treatment
- waste treatment and storage prior to landfilling
- financing models and institutional set up.

The training program



Starting 2010, CREED will offer on a regular schedule training and education courses for interested parties from countries in need of development in the field of waste and resource management. The courses include well established theoretical content in addition to a high proportion of content to be experienced in practice (training on the job). The structure and the modules of the course program cover the entire range of waste management, all the way from collection through recycling and waste treatment to construction and monitoring of landfills and organization of waste management.

The course content broaches particularly the issue of applied technologies and concepts for countries in significant need of development.



On the site "Pohlsche Heide" and in the vicinity all relevant kinds of waste management facilities are available. The training program is individually adjusted to different target groups.

The A-Program



for delegation journeys, political stakeholders, technical managers

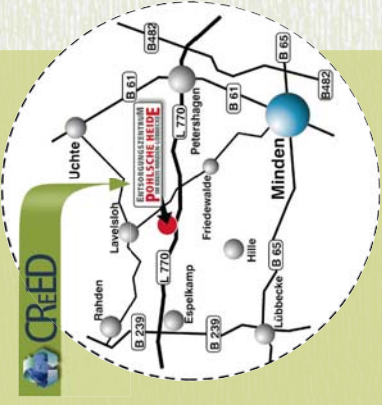
For leading personnel from the senior management and political decision makers, CREED offers a representative overview of waste management concepts, systems, techniques, as well as conceptual and financial solutions available on the market.

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We organise study trips with the necessary theoretical background knowledge and convey techniques for decision making.



The B-Program

Engineers, plant managers, technical personal

The training program for engineers, plant managers and technical personal is modular and will be arranged in personalized combinations. The training program is individually arranged with the interested parties and adapted to specific country conditions.

In addition to the theoretical content "training on the job" courses with high practical content are provided.



The C-Program

For Scientific personal, postgraduates, students, alumni of the CREED Advanced-Program

Starting 2010 CREED will offer summer schools in the topic of waste and resource management on a regular schedule. Scientists, students and personnel for research and development will have the opportunity to discuss recent developments and to achieve first hand information. Thematic excursions and plant visits will give the necessary practical relevance.

Research

In Germany several institutions (universities, private research institutes, companies, associations, etc.) are working on various research and developing projects for optimizing waste management technologies, policies and approaches. Better networking of these players will lead to better use of existing expertise and awareness and will be an impetus for innovation. Research structures can exploit synergies and will be substantially improved. CREED does not compete with existing research institutions; it aims to support their work by providing optimized research conditions at the center to interested parties. The focus of the research activities is mainly in the field of applied research and will enable projects in full technical scale which cannot be executed in laboratory or pilot plant scale at universities or in most of the companies.

Relevant approaches will be adjusted to the specific needs of individual target countries for exports.



Research projects can be carried out by single institutions or as a cooperation project between several partners. CREED does not raise claims on the produced results. We offer open areas and technical facilities for installation of own exhibits to our cooperation partners. Products and techniques can be demonstrated under realistic conditions.

Exhibits can be integrated in plant visits and training courses; Organization and arrangement of guided delegation journeys and presentation on foreign trade fairs.

CREED as an association of industry, business, public bodies, plant operators, research institutions and interested individuals in the area of waste management, works primarily as a service provider for research projects.

By integrating its members CREED also offers research and development activities to interested partners and other companies under their own responsibility.



Presentation



On the site of Pohlische-Heide and other locations in the nearby county a big variety of waste management systems is installed. These facilities can be visited in regular operation organized by CREED.

German producers and suppliers in the field of waste and resource management will have the opportunity to present their own components, processes and solutions to interested parties national and abroad.

At the CREED center open space areas and facilities are available to present actual developments in practical use.

CREED

Center for Research, Education and Demonstration
in Waste Management



In the

ENTSORGUNGSCENTRUM
POHLISCHE HEIDE
IN HEIDE, AMMUN. LÜBBECKE

Partner of
RETECH
Waste Management
Waste Management