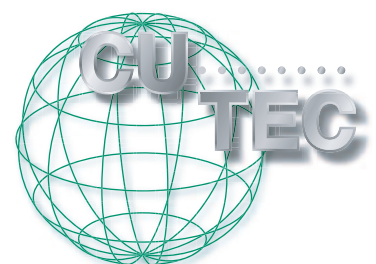


CLAUSTHALER UMWELTTECHNIK-INSTITUT GMBH

CUTECH – The right address for sustainable environment and power engineering

INTERNATIONAL ACTIVITIES





CUTEC – The right address for sustainable environment and power engineering

The ongoing debate on climate change and resource depletion has heightened public awareness of the seriousness of the situation. Environmental concerns are driving an enormous increase in worldwide demand for environmental technology and eco-friendly process engineering.

Cutec offers its services around the world. We act as a highly knowledgeable partner with world-class expertise in all aspects of environmental technology. Our joint projects in highly developed countries are mainly directed at pushing the boundaries of current technology. A number of projects have resulted in license agreements for marketable products and processes in countries such as Japan, the US, Denmark and the UK.

However, CUTEC has also been involved in successful partnerships with the developing world, for example in Nigeria and the Congo. The primary goal there is to identify practical environmental solutions which

meet high technical standards and fulfil the needs of the country involved. The CUTEC portfolio includes reports, consultancy, training and introduction of environmental technology and processes which are appropriate for the local people and the existing situation.

CUTEC has already built up an enviable reputation through its activities in more than 200 projects worldwide.

CUTEC participates in an international information sharing process with other scientists in order to maintain its world-class standard of excellence and achieve continual improvement. CUTEC organises the AOP Conference (Advanced Oxidation Processes), a joint event which is promoted by the IWA (International Water Association) and the IOA (International Ozone Association).

CUTEC also hosts visiting scientists who help expand the institute's international contacts, promote intercultural understanding and inject new stimulus into its activities.





CUTEC's major operational and international interest areas

- Effective and sustainable treatments of solid, liquid and gaseous wastes
- Water management
- General environment and energy consultant
- Advanced Oxidation Processes for water, wastewater and sludge treatment
- Sludge conditioning and dewatering
- Emission reduction
- Energy process engineering
- Biogas production
- Thermal processes for pyrolysis, gasification and combination
- Fuels from regenerative and fossil sources
- Conversion of fermentation gas, syngas and hydrogen production
- Fuel cell system engineering
- Membrane bioreactors
- Membrane separation processes
- Adapted technologies for developing countries
- Sustainability Management
- Modelling
- Simulation Technology
- Chemical analysis
- Dynamic and complete power supply from renewable energy sources
- Practical environmental and energy training
- Organisation of international environment and energy conferences and workshops
- Presentation of technical papers/posters on state-of-the-art technologies and processes on environment and energy
- Scouting for international project funding resources
- Exhibitions at international fairs and conferences

Some Trade Shows

- ACHEMA (Frankfurt), N-Expo (Tokyo), EFRE-Messe (Hanover), ENTSORGA-ENTECO (Cologne), The Big5 Show (Dubai), Pollutec East and Central Europe (Vienna), Pollutec (Lyon), Lagos International trade fair (Nigeria), Quest (Doha), WasteTech (Moscow), Bio (Atlanta)

Conferences

- CUTEC organises the IWA Specialist Conference for Water and Wastewater Treatment (AOP). <http://www.aop-conferences.de>
- We take part in conferences and congresses in Europe and beyond as participant and speaker; e.g. Australia, Belgium, Brazil, Bulgaria, Canada, China, Denmark, Egypt, France, Germany, Great Britain, India, Ireland, Italy, Japan, Mexico, Morocco, New Zealand, Nigeria, Norway, Poland, Portugal, Singapore, South Africa, UAE, USA, Qatar, etc.

Publications

- The CUTEC team has published in various national and international environment and energy journals, Newsletters, books, proceedings, etc.

Scientific Education for Students, Professors and Experts

- Foreign scientists, environmental experts and postgraduate students are intensively trained at CUTEC facility in Germany and can also be attached to projects of interest. Postgraduate students can carry out part or full academic programmes at CUTEC with scholarships.
- The CUTEC training team can also train people abroad if requested.
- Foreign professors on sabbatical leave can be hosted on specified projects.



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How to find us

By air

The nearest airport is Hanover, about 100 km from Clausthal-Zellerfeld.

From there take the Suburban Railway S5 to Hanover station and then continue via train to Goslar station. In Goslar, take the bus line 830 or 831 to Clausthal Zellerfeld.

From the airport, you can also travel by taxi (approx. EUR 120), rent a car or be driven to Clausthal using “Flughafen Transfer” services (approx. EUR 60).

By bus and rail

By rail to Goslar; from the terminal in Goslar take the bus line 830 or 831 to Clausthal-Zellerfeld

By car

See map below. For more information, look on our homepage www.cutec.de under the section “map”.

