

## artefact – that's who?

„artefact“ stands for appropriate rural technologies Flensburg alternative cooperation team. The not-for-profit organisation runs the centre for sustainable development at the German-Danish border

- with a green-energy-guesthouse and conference rooms, lodging facilities for 32 persons
- with Germany's first energy infotainment park
- with numerous projects for global learning
- with professional trainings for solar entrepreneurs, planners and technicians, on renewable energies, efficient housing and other topics
- with the programme „solivol“ for young German residents going „weltwärts“ in internships of 12 months with East African partner NGOs.
- membership of World Wind Energy Association, International Network for Sustainable Energy, BZEE Husum, Climate Alliance,...

Check [www.artefact.de](http://www.artefact.de)

for more information

**You're welcome!**

**Werner Kiwitt**



World Wind Energy Association

is a world-wide network with members in 96 countries, both organisations and individuals that want wind energy to become a cornerstone of a world energy supply system completely driven by renewable energies.

How is it possible to overcome old monopolies and prejudices, to convince politicians and local people as well as market minded bankers to go renewable? Which lessons can be learned from the pioneers of a CO<sub>2</sub> -free future?

The German-Danish border region has been spearheading many of these developments. The first modern wind generators were shaped, the first conflicts with utilities were fought in the region. Until today the region hosts a number of pioneers in different fields:

- the highest density of different wind generators, prototypes and manufacturers
- the leading wind exhibition worldwide in Husum, HUSUM WIND
- Flensburg High Schools with energy and environmental management, Center of Excellence Wind energy CEWIND
- the first training centre for wind service and maintenance personnel BZEE
- the first centre for sustainable development, artefact
- different social, economical and political concepts of community owned electricity and heat grids
- solar energy distributors, citizens, solar and wind parks
- biogas and biomass pioneer plants
- round tables with environmentalists, investors,...

At the same time numerous experiences such as possibly avoidable mistakes have been made, role of politics and many others – in other words: a region to get hope, motivation and skills required for your own sustainable future.

**Within one week you have the chance to get a deep insight into most recent wind developments, to visit HusumWindEnergy, the WWEA Congress, wind pioneers in Germany and Denmark.**

**seminar /fair / excursion  
wind energy  
September 19 - 26, 2010  
Glücksburg, Husum/Germany and Thy/DK**

I herewith apply for/register for

- the workshop Sept. 19 - 25, 2010 in Glücksburg
- the excursion Sept. 25 - 26, 2010 to Denmark

Family name		first name	
company/sending organisation		membership WWEA <input type="checkbox"/>	
street			
code		town/place	
country			
Tel.		email	
Date		signature	

- I apply for reduced fee because of \_\_\_\_\_ .  
\_\_\_\_\_ . Send more details by email please.

The fee for the course (including lodging in several-persons-rooms, excursions and meals) of € \_\_\_\_\_ is being transferred to the artefact account after receiving the confirmation.

Transport to and from Germany and Glücksburg, visa costs or other costs are **not** covered by artefact.

artefact gGmbH

Bremsbergallee 35 24960 Glücksburg Germany

Tel. 0(049)4631-61160 Fax 0+4631-6116-28

[info@artefact.de](mailto:info@artefact.de) [www.artefact.de](http://www.artefact.de)

Account-nr.: artefact gGmbH Konto Nr.: 22076256

Nord-Ostsee-Sparkasse BLZ 21750000

IBAN: DE27 21750000 0022 076256

BIC: NOLADE21NOS bank: NOSPA



### *costs and registration*

participation fee Sep 19- 25 including programme,  
accommodation, excursion and entrance fees € 730,-  
fee for part. from Southern NGOs, WWEA members € 530,-

excursion Denmark /FC Thysted Sep 25-26 regular fee € 150,-  
fee for WWEA members, Southern NGOs et al € 90,-

#### **Location:**

**artefact** centre for sustainable development  
24960 Glücksburg, Baltic Sea  
Bremsbergallee 35.

The centre is located close to Flensburg fjord and city right  
at the German-Danish border

#### **Arrival:**

trains from Hamburg, Kiel and Copenhagen to Flensburg  
bus Line 21 from Flensburg-Central bus station to Glücksburg  
Telefax: 0(049)4631-6116-28 e-mail: info@artefact.de

### *programme*

#### **Sunday, Sep 19**

arrival of participants until 2 p.m.  
14:30 introduction of programme and participants  
18:30 dinner

#### **Monday, Sep 20**

08:00 breakfast  
09:00 guided tour: the centre for sustainable develop-  
ment on energy, building and water supply  
10:30 climate and energy change in Germany:  
how do we meet the challenge?  
12:30 lunch  
13:30 wind energy: technical basics, recent develop-  
ments and trends  
16:30 offshore or onshore, pros and cons

#### **Tuesday, Sep 21**

09:00 economical conditions and feed-in-law:  
framework conditions for return on investment  
private, state or community?  
community based initiatives, citizen's wind parks  
10:30 excursion to different wind parks in the German-  
Danish border region  
mounting of a modern megawatt plant  
14:00 meeting communal representatives, stakeholders,  
windfarmers  
visit of a company for wind service and repair

#### **Wednesday, Sep 22**

8:30 trip to Husum Wind fair  
participation in the **WWEA-Congress:**  
**„Wind markets of the future“**  
Special highlight on North Africa and Asia  
13:15 meeting with Stefan Gsänger, Secretary General of  
WWEA  
conference cont.  
guided tour to special presentations  
19:00 dinner

#### **Thursday, Sep 23**

09:00 bottlenecks and conflicts on the way:  
technical, social, political problems  
on-grid or off-grid? national economical effects  
11:00 Visit of Flensburg high school and university  
the Center of Excellence CEWIND  
Sustainable Systems and Management  
14:30 Capacity building and Service - a must:  
the BZEE Husum for wind service mechatronics  
18:00 informal gettogether with wind activists  
dinner and return to Glücksburg

#### **Friday, Sep 24**

09:00 shuttle to Husum Wind fair  
How did it all start: meeting with pioneers  
guided tour to special exhibitors:  
wind measurement, development management  
meeting with representatives of economical coope-  
ration  
Possibilities for individual talks  
18:30 HusumWind evaluation in Glücksburg

### *Denmark excursion*

#### **Saturday, Sep 25**

08:45 Denmark excursion  
11:00 Stop at the 1st modern wind generator at Ulfborg,  
DK: from private initiative to world leadership  
14:00 arrival at Nordjysk Folkecenter in Thy  
Welcome by Preben Maegard, president emeritus  
of WWEA and guided tour at the test field for  
small turbines  
19:00 reception and a birthday party...  
accommodation nearby

#### **Sunday, Sep 26**

9:00 Preconditions for successful windpower projects  
Visit of wind farms and recent developments  
Options for technology transfer  
12:00 return to Flensburg/Glücksburg  
18:00 identification of follow up steps and evaluation

#### **Monday, Sep 27**

09:00 departure