

Innovative theme attraction takes visitors on a journey around the world on the 8° East Knowledge and adventure world picks up on highly topical subject

One of the topics that presently affects us most is to be focussed in a theme attraction currently being built in Bremerhaven, which is the first of its kind in the world. The Klimahaus® Bremerhaven 8° Ost will create a spectacular knowledge and adventure world which from 27th June 2009 will present scientifically well-founded data, facts and phenomena on climate and climate protection in a fascinating way, making them tangible to visitors. Of the four exhibition sections, the main attraction is the “Journey”. It takes the visitors around the world in one day along the 8th degree of longitude on which Bremerhaven is situated. The visitors experience authentically the different climate zones – from the refreshing coolness on the alp in Switzerland, through the scorching heat of the Sahel to the iciness of the Antarctic and the unsettled weather in Northern Germany.

Protecting the climate from a drastic, man-made change is currently one of the largest political and social challenges worldwide. It is no coincidence that this theme has found its home in Bremerhaven in the centre of a new category of recreational attractions. “The Alfred Wegener Institute for Polar and Marine Research, one of the leading institutions for international climatology, is based here,” explains Klimahaus® Managing Director, Arne Dunker. In addition: “Here on the North Sea Coast the climate phenomena can be particularly spectacular; on top of this, weather from all the Earth’s climate zones can be experienced here.”

Both of these aspects were inspiration for Petri & Tiemann, the renowned designers of innovative attractions, when they drafted the first ideas for the Klimahaus® at the end of 2000. In the meantime, these ideas have taken shape. The Klimahaus® will offer unique experiences and well-founded information on approx. 11,500 m² of exhibition space. The project is the first knowledge and adventure world that devotes itself to such a complex subject as the climate.

Klimahaus® Bremerhaven 8° Ost – Contact for press enquiries:

Wolfgang Heumer, Klimahaus® Betriebsgesellschaft mbH
Am Längengrad 8, 27568 Bremerhaven
Tel.: + (04)71/902030-0, Fax: + (0)471/902030-99
Mobile: + (0)171-4135206
E-Mail: heumer@klimahaus-bremerhaven.de

The “Journey”, with 4,800 m², makes up the largest of the four exhibition sections in the Klimahaus®. It starts in Bremerhaven and takes the visitor along the eighth degree of longitude. The Earth’s different climate zones are visualised at nine stations: Visitors to the “Switzerland” station can observe how climate change has already altered the lives of the people in Isenthal today. A few exhibition rooms further on, visitors to the “Cameroon” station are met with tropical heat. At night the West African rainforest offers fascinatingly exotic smells and sounds – and an insight into the business of deforestation. Cloudbursts and luscious green gorges await visitors in Aleipata on Samoa, before their route takes them through an impressive aquarium world, which gives a fascinating view of a fringing reef of living corals. “This journey reveals spectacularly how the lives of the humans on our planet are influenced by the climate and which changes are in store for us. This sensitises our visitors to targeted environmental and climate protection,” Dunker explains.

In the “Elements” exhibition section visitors can carry out climate experiments themselves: Fire, Earth, Water and Air make up the basis in order to cause miniature storms and to experience volcanic eruptions first hand. More than 100 interactive exhibits illustrate the principles of the climate, its complex inter-relationships and spectacular phenomena.

The “Perspectives” is the third section of the exhibition, which takes a look at past and, present climates and the impacts on the future. In the fourth section “Chances” the visitor is shown choices of action: he can, for example, test hands-on in theme chambers how he can contribute personally in everyday life to the reduction in CO₂ emissions. Each exhibition section is designed so that it can be visited independently of the others.

Arne Dunker: “In the Klimahaus® visitors can enter a multi-faceted adventure world, which is made up of room staging, sensory stations, multimedia installations, exotic animals and plants, and lots more. Tourists, families and school classes will turn into discoverers, scientists and climate allies – a concept which is unique worldwide.”

With partners such as the world-famous Alfred Wegener Institute for Polar and Marine Research, the Max Planck Institute for Meteorology and the Deutscher Wetterdienst (The German Meteorological Service), the Klimahaus® Bremerhaven 8° Ost has the expertise

Klimahaus® Bremerhaven 8° Ost – Contact for press enquiries:

Wolfgang Heumer, Klimahaus® Betriebsgesellschaft mbH
Am Längengrad 8, 27568 Bremerhaven
Tel.: + (04)71/902030-0, Fax: + (0)471/902030-99
Mobile: + (0)171-4135206
E-Mail: heumer@klimahaus-bremerhaven.de

and the potential to update its exhibition continuously according to the latest scientific findings.

A cutting edge which is also reflected in the distinctive architecture of the Klimahaus®. The building has an exterior made out of more than 4,700 individually manufactured glass panels. The steel-girder construction which weighs 1,200 tons uses elements from shipbuilding and surrounds the whole building. Even when it comes to power supply, the Klimahaus® sets standards: climate protection has also been implemented consistently in the construction, with technologies such as concrete core cooling, trigeneration and natural ventilation.

Klimahaus® Bremerhaven 8° Ost – Contact for press enquiries:

Wolfgang Heumer, Klimahaus® Betriebsgesellschaft mbH
Am Längengrad 8, 27568 Bremerhaven
Tel.: + (04)71/902030-0, Fax: + (0)471/902030-99
Mobile: + (0)171-4135206
E-Mail: heumer@klimahaus-bremerhaven.de

Data and Facts (As of: January 2009)

Opening:	27 th June 2009
Total area:	18,800 m ²
Visitor area:	11,500 m ²
Planned net capital expenditure:	70 m Euros
Predicted no. of visitors:	600,000 visitors per year (average visitor year)
Peak day:	5,000 visitors
Main catchment area:	up to 2.5 hours journey time
Average length of stay:	4 to 5 hours
No. of employees:	130 full-time jobs
Idea of the Klimahaus®: (Leading topic / Journey on the 8 th longitude)	Dr. Carlo Petri, Petri & Tiemann GmbH
Operating company:	Klimahaus® Betriebsgesellschaft mbH
Executing organisation:	BEAN Bremerhavener Entwicklungsgesellschaft Alter/Neuer Hafen mbH & Co. KG
Architect (design):	Klumpp Architekten Stadtplaner
Architect (implementation planning):	agn Niederberghaus & Partner GmbH
Exhibition design:	Kunstraum GfK mbH
Overall project management:	STÄWOG Städtische Wohnungsgesellschaft Bremerhaven mbH

Klimahaus® Bremerhaven 8° Ost – Contact for press enquiries:

Wolfgang Heumer, Klimahaus® Betriebsgesellschaft mbH
 Van-Ronzelen-Straße 18, 27568 Bremerhaven
 Tel.: + (04)71/902030-0, Fax: + (0)471/902030-99
 Mobile: + (0)171-4135206
 E-Mail: heumer@klimahaus-bremerhaven.de