

per fax 030 / 390087-25

## Registering for the Event Umwelttech meets IT – Green-IT and E-Energy in Practice

on Wednesday, 20 August 2008  
e-shelter facility services GmbH  
Eschborner Landstraße 100  
60489 Frankfurt  
12.30 p.m.

### PARTICIPANT

- |    |   |
|----|---|
| 1. | (1) <input type="radio"/> (2) <input type="radio"/> |
| 2. | (1) <input type="radio"/> (2) <input type="radio"/> |
| 3. | (1) <input type="radio"/> (2) <input type="radio"/> |

Please register for one of the parallel sessions:

Green-IT (1)  
E-Energy (2)

### COMPANY/INSTITUTION


### STREET

### POSTCODE/TOWN

### PHONE

### EMAIL

### FAX

Closing date for registration is 8 August 2008.  
The participation fee is 50,00 € (incl. VAT) per person.  
You will receive confirmation of registration and an invoice, your registration is binding once the participation fee has been remitted.

Online registration at:  
[www.hessen-it.eu/umwelttech](http://www.hessen-it.eu/umwelttech)

### DATE

### SIGNATURE

**On the day of the Congress, please have your ID card ready to show at the entrance.**

### By public transport

#### From Frankfurt/Main Main Station:

- > from the lower level station, platform 104, on the S3, S4 or S5 direction Messe to Rödelheim station (trains in this direction go about once every 10 min)
- > on foot (ca 10 min): at Rödelheim S-Bahn station cross to the other side via the pedestrian underpass, then walk to Eschborner Landstraße 100.
- > by bus: take the 60 bus, direction Heddenheim, and get out at the first stop (Wolf-Heidenheim-Str.), which is directly in front of the entrance to the Data Centre

### By car

#### On the A5 coming from the South:

- > at Westkreuz Frankfurt turn off on to the A 648 towards Wiesbaden
- > turn off at the first exit Rödelheim-Sossenheim, then right at the traffic lights
- > continue straight on over the autobahn bridge
- > at the first traffic lights turn off to the left, at the next lights turn off to the right into Eschborner Landstraße

#### On the A66 coming from Wiesbaden:

- > on the A66 from Wiesbadener Kreuz, direction Frankfurt
- > at Eschborn junction turn off half-right onto the A648 towards Frankfurt-Stadtmitte, Flughafen, F-Rödelheim
- > after 1.8 km, turn off to the right at the junction Frankfurt-Rödelheim on to Westerbachstraße
- > after 1.3 km, turn off half-left into Gaugrafenstr. and continue straight on to »Am Seedamm«
- > then turn off to the right on to Eschborner Landstraße

Parking facilities are available in the road "In der Kron".

### Venue:

e-shelter facility services GmbH  
Eschborner Landstraße 100  
60489 Frankfurt

### Event Organisation:

TimeKontor AG  
Schönhauser Allee 10-11  
10119 Berlin  
phone 030 / 3900 87-0, fax -25

### Project Sponsor:

HA Hessen Agentur GmbH  
Abraham-Lincoln-Straße 38-42  
65189 Wiesbaden

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Hessen-Umwelttech –  
Central Platform of the Hessian  
Ministry of Economy for the  
Environmental Technology Sector  
in Hessen

[www.hessen-umwelttech.de](http://www.hessen-umwelttech.de)



**HessenAgentur**

HA Hessen Agentur GmbH

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Hessen-IT –  
the Aktionslinie of the Hessian Ministry  
of Economy, Transport and Regional  
Development for the IT market  
in Hessen

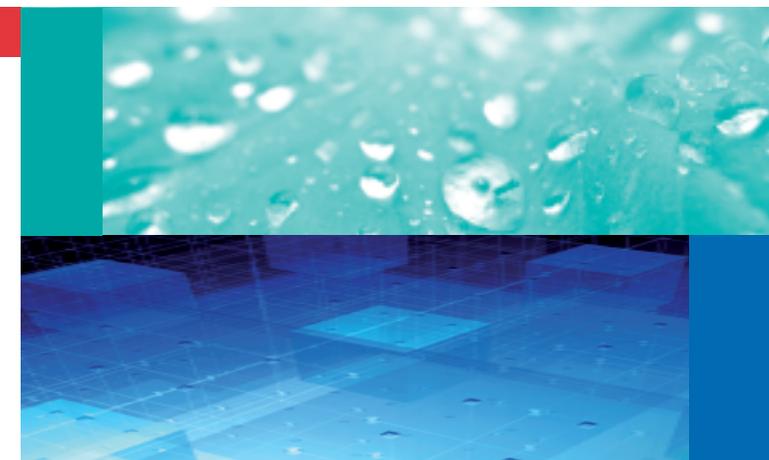
[www.hessen-it.de](http://www.hessen-it.de)

Hessian Ministry for Economy,  
Transport and Regional Development

[www.hessen-umwelttech.de](http://www.hessen-umwelttech.de)  
[www.hessen-it.de](http://www.hessen-it.de)



# Umwelttech meets IT Green-IT and E-Energy in Practice



Wednesday, 20 August 2008  
e-shelter facility services GmbH,  
Frankfurt am Main

**Hessen – there's no way around us.**

Hessen

Umwelttech

Hessen

IT

# Umwelttech meets IT

## Programme



The information society is developing at a rapid pace. The continuous growth in the numbers of servers, PCs and laptops, and the increasing data traffic via the internet, make it possible to communicate and optimise process flows more efficiently. However, they also involve high electricity consumption and ever greater amounts

of contaminated electronic waste. For this reason, economic use of energy and resources will be necessary for all solutions aiming at further development in these areas.

The IT sector is already presenting options for optimised process steering in the fields of environmental and energy technology. At the same time, gradual decentralisation of energy generation, expansion of renewable energies and increasing liberalisation are all adding to the complexity of our energy systems.

For the European Commission, the promotion of energy-saving ICT is a further instrument in connection with the possible climatic changes resulting from the global rise in CO<sub>2</sub> emissions. The EU Commission has therefore called on the ICT industry to assume a key role in this process. The sector here has the task not only of lowering its own CO<sub>2</sub> emission but also, more particularly, of developing solutions for the entire national economy.

With their Congress "Umwelttech meets IT", the Aktionslinie Hessen-Umwelttech and Hessen-IT of the Hessian Ministry of Economy will demonstrate the great optimisation potentials at the interface between environmental technology and IT. The programme includes considerations of promising future developments and highlights the opportunities opened up by the use of more efficient technologies.

I cordially invite you to this Congress and wish you many stimulating discussions.

Dr. Alois Rhiel,  
Hessian Minister of  
Economy, Transport and Regional Development

12.30 p.m.	Registration and welcome snack
1.00 p.m.– 3.00 p.m.	<b>Plenum programme</b>
	<b>Moderation: Prof. Dr. Stefan Gäth, Official Environmental Technology Representative, Hessen</b>
	<b>Welcome</b>
	Rupprecht Rittweger, Founder and Director of e-shelter facility services GmbH
	State Secretary Klaus-Peter Güttler, Hessian Ministry of Economy, Transport and Regional Development
	<b>Smart Grid – Cooperations at European Level</b>
	N.N. (representative of the European Commission)
	<b>E-DeMa – Development and Demonstration of Decentrally Networked Energy Systems on the way to the E-Energy Market Place of the Future</b>
	Heike Kueck, Power Transmission and Distribution, Siemens AG
	<b>Energy-Efficient Data Centre Infrastructure</b>
	Klaus Rudolph, Director of e-shelter facility services GmbH
3.00 p.m.– 3.30 p.m.	Coffee break
3.30 p.m.– 5.00 p.m.	<b>Parallel sessions</b>
	<b>Session Green-IT</b>
	<b>Session E-Energy</b>
from 5.00 p.m.	Guided tour (optional) Get-together and snack



e-shelter plans, builds and operates high-availability data centres. The speciality of e shelter as a leading supplier of secure data centre areas is to guarantee the highest level of physical security and operational reliability for the accommodation of IT and network systems.

With a total area of 60,000 m<sup>2</sup>, the e shelter campus in Frankfurt am Main is the largest data centre site in Europe.

### Session Green-IT

**Moderation: Wolfram Koch, Aktionslinie Hessen-IT**

- > **EnOcean Radio Technology**  
Jörg Hofmann, BSC Computer GmbH
- > **Energy-Efficient Servers and Systems**  
Frank Donat, HP Germany
- > **A Study on the Energy Consumption of Data Centres**  
Prof. Frank Behrendt, TU Berlin Forschungsprojekt „Energieeffizientes RZ“

### Session E-Energy

**Moderation: Dr. Carsten Ott, Aktionslinie Hessen-Umwelttech**

- > **Innovation Strategies for Energy Efficient Data Centres**  
Martin Roßmann, Rittal GmbH & Co. KG
- > **Regenerative Model Region of the Harz Climate Protection and Energy Efficiency with Modern Information and Communications Technology (ICT)**  
Dr. Kurt Rohrig, Institute for Solar Energy Supply Technology (ISET) e.V.
- > **Technological Solutions for Efficient Energy Input – Contracting for Data Centres**  
Dr. Horst Meixner, Director of hessenEnergie