

## Workshop Agenda

- 9:00 Informal Get-together  
9:45 Welcome by ASI
- 10:00 Opening  
Overview of EINSTEIN II  
Dr Hans Schweiger, energyXperts
- 10:45 EINSTEIN in the context of EACI  
NN, European Commission
- 11:00 Coffee Break
- 11:15 EINSTEIN tools and methodologies  
Alexandre Bertrand, Centre de Recherche (CRP)  
Public Henri Tudor
- 11:45 Einstein put to practice  
Project Partners
- 12:15 Lunch Break
- 13:15 Standards for Energy Audits  
CEN/CENELEC CCMC
- 13:55 Standards in EINSTEIN  
Siglinde Kaiser, DIN  
Dr Hans Schweiger  
Christoph Brunner, AEE INTEC
- 14:30 Coffee Break
- 14:45 Discussion  
moderated by Dr Hans Schweiger
- 15:45 Summary and Final Remarks  
Dr Hans Schweiger
- 16:00 Closure

Attendance of the Workshop is free of charge. Conference language is English. The program and the registration form are also posted at

[www.ebn.din.de](http://www.ebn.din.de) → EINSTEIN II and  
<http://www.einstein-energy.net/> and on the websites of  
Partners. For more preliminary information contact  
[siglinde.kaiser@din.de](mailto:siglinde.kaiser@din.de)

## Workshop Venue

Austrian Standards Institute  
Heinestraße 38  
1020 Wien | Vienna  
Austria

## Partners in EINSTEIN II

energyXperts.NET (SPAIN, Germany); Project Coordinator  
AEE INTEC– Institute for Sustainable Technologies  
(AUSTRIA)  
Austrian Energy Agency (AUSTRIA)  
Centre de Recherche (CRP) Public Henri Tudor / Centre de  
Ressource des Technologies pour l'Environnement (CRTE)  
(LUXEMBOURG)  
Cork Institute of Technology (Clean Technology Centre)  
(IRELAND)  
Deutsches Institut für Normung e.V. (GERMANY)  
Tecnoalimenti TCA (ITALY)  
ZukunftsAgentur Brandenburg (GERMANY)  
Chamber of Commerce Drôme (FRANCE)  
West Midlands European Centre (UK, Belgium)  
Ruse University "Angel Kunchev"(BULGARIA)  
Chamber of Commerce and Industry Madrid (SPAIN)  
Slovakian Cleaner Production Center (SLOVAKIA)

<http://www.einstein-energy.net/>



Trends Analysis Workshop

Standardization for  
Energy Audits

July 6, 2011  
Vienna, Austria



## Trends Analysis Workshop

This Workshop is organized jointly by EINSTEIN II and R&D Phase Standardization at DIN, the German Institute for Standardization. It is hosted by ASI, the Austrian Standards Institute.

The Workshop will bring together the EINSTEIN community and standardisers as well as any party interested in standardization activities related to energy audits.

The Workshop will give an account of standardization activities planned within the framework of EINSTEIN II, while also highlighting ongoing standardization in the framework of formal standards bodies.

Participants are invited to exchange their views and discuss the potentials of standardization of energy audits.

## Workshop Goals

The Workshop is expected to intensify the exchange of information and knowledge on standards development in energy audits as seen by industry, end users, developers of tools and standardisers. The following specific goals have been identified:

- Inform on existing standardization activities;
- Identify and assess additional standardization potentials;
- Disseminate EINSTEIN II activities in standardization;
- Create awareness among relevant stakeholders;
- Build alliances across stakeholders.

## Target Audience

The workshop addresses anyone interested in energy audits, specifically

- Representative of industry that are keen on hearing about the EINSTEIN approach on energy audits for industrial processes,
- Energy auditors already trained in EINSTEIN to express their views on standardisation needs and potentials,
- Energy auditors interested in experiencing new methodologies and tools
- Representatives from research institutions, academia, standards bodies, and politics as well as relevant professional associations.

## EINSTEIN II

EINSTEIN II "Expert System for an Intelligent Supply of Thermal Energy in Industry and other large scale applications" started in July 2010, with a duration of two years. It is funded under the Competitiveness and Innovation Framework Programme (CIP) of the European Commission.

The overall goals are to improve and disseminate the specific EINSTEIN methodology, and to support the realisation of training courses and of thermal energy audits at European level. Moreover, EINSTEIN II strives to contribute to the standardisation activities ongoing on energy auditing and energy management at European level.

The EINSTEIN methodology presents a holistic integral approach to thermal energy auditing in industry and in large non-industrial users, such as hospitals and office buildings.

EINSTEIN allows to develop strategies for the reduction of energy demand and operating costs by heat recovery and process integration and by intelligent combination of existing affordable heat and cold supply technologies, under the given economic constraints.

The project makes use of the EINSTEIN software tool that is affordable also for SMEs, reliable and user-friendly, providing quantitative figures on energy and economic saving potentials, checking procedures and using an interface among the different energy and economic modules is easy to handle.

The existing software is free and open source.

## Standardization in Research Projects

DIN as partner in the EINSTEIN II consortium is responsible for initiating and facilitating standardization in EINSTEIN II to go beyond the scope of the project.

When DIN started to become active in R&D projects it soon discovered that a new approach on standardization was needed for innovative technological areas that were characterized by a fast chain of development, implementation and re-design. New tools were developed at DIN that support research projects in managing and anchoring results and knowledge in the world of standards while making them available to the public and thus contributing to sustainability.

This approach on R&D Phase Standardization allows to rapidly develop standardization results that cover gaps in existing standardization or offer specifications for areas where no standards are available at all.

The Workshop is part of the standardization strategy of EINSTEIN II, where partners meet with industry and other relevant stakeholders to jointly discuss and explore standardization, its potentials and challenges in research and development. The Workshop is expected to contribute to EINSTEIN II as well as to the existing standards community.