

About the project 'ZEBISTIS':

"Zero-Emission" buildings can produce energy, water and resources and do not produce harmful emissions. Decentralized innovative technologies and systems for the realization of zero emission buildings were developed and successfully applied especially in Europe.

However, due to the very limited number of case studies, there is still immense demand for applied research regarding the development, optimization and marketing of concepts, systems and technologies for zero emission buildings. Furthermore the international transferability of concepts, systems and technologies has to be investigated regarding sustainability criteria. The aim of this interdisciplinary research project with international partners and young scientists is to fill this gap by compiling the best practices from participating countries and the specific networks of participants.

Furthermore a general framework for zero-emission buildings will be formulated, which will integrate a plethora of aspects, and will be adaptable to different climatic and cultural environments. The ZEBISTIS project will also analyse the transferability of the research findings and of best practice examples to different building types (e.g. housing & commercial) and different urban settings in participating KORANET partners countries.

It is expected that the results offer an immense potential for multiplication and to foster sustainable (re-)development in rural and urban areas.

2nd International Symposium ZEBISTIS – Zero Emission Buildings Integrating Sustainable Technologies and Infrastructure Systemes

Comprehensive Approach for Sustainable Building

TIB Gelände Hörsaal 21C, Thursday, August 22nd, 2013

0900	Welcoming Frank U. Vogdt, Institute of Civil Engineering, TU Berlin Matthias Barjenbruch, Head of Department of Urban Water Management, TU Berlin
0930	Introduction ZEBISTIS Project Thorsten Schuetze, ZEBISTIS-Project Coordinator
1000	t.b.a. Falk Schaudienst, Department of Building Physics and Building Constructions, TU Berlin
1030	Urban Ecology in Berlin Kreuzberg, Block 108 How to save water and energy in urban spaces Martin Küenzlen, Architect and Landscape Planner
1100	<i>Coffee Break</i>
1130	German Resource Efficiency Program Haiko Pieplow, Fed. Ministry for the Environment, Nature Conservation and Nuclear Safety
1200	DGNB Certification Holger König, Ascona Gesellschaft für ökologische Projekte König - Jama GbR
1230	<i>Lunch</i>
1330	Building Simulation for the Planning of Zero Emission Buildings Park Cheol-Soo, Sungkyunkwan University, Seoul
1400	2000-Watt-Society: A tool to compare renovation alternatives of buildings Jürg Rohrer, Züricher Hochschule für Angewandte Wissenschaften, Schweiz
1430	t.b.a. Ahmet Baban, Tubitak Marmara Research Center, Turkey
1500	Zero emission factories , sustainable production in future city quarters Peter Thomas/ Burkhard Schallock (attending Frieder Rock/Heiko Weinaug - Green Moabit)
1530	<i>Coffee Break</i>
1600	Closing Remarks Marco Schmidt

Contact/Registration:

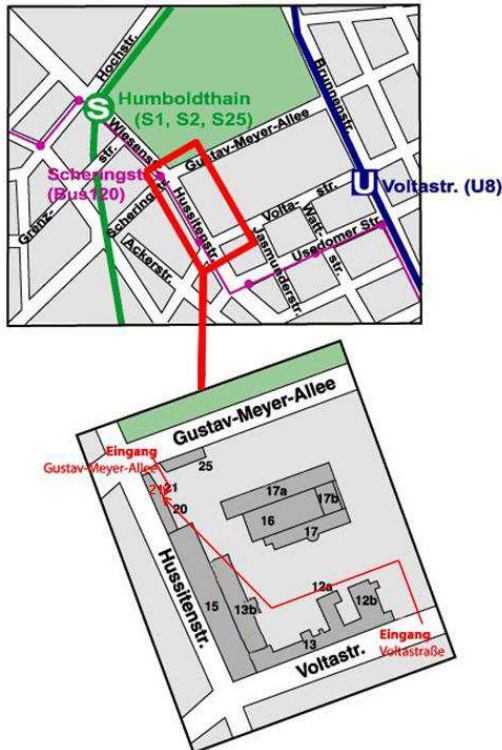
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About ZEBISTIS and Koranet:



ZEBISTIS 'Zero Emission Building-Integrating Sustainable Technologies and Infrastructure Systems' is an international and interdisciplinary research project with partners from the Republic of Korea, Germany, Switzerland and Turkey. For more information please visit the ZEBISTIS website: www.zebistis.ch. ZEBISTIS is supported by funding received from the KORANET Joint Call on Green Technologies, www.koranet.eu.



The **KORANET project** is an ERA-NET funded by the European Commission under the 7th Framework Programme for Research and Technological Development (FP7) from 2009 to 2012 (four years).

The overall aim of KORANET is to strengthen the research partnership between Europe and Korea.

The **KORANET project** is targeted at national and international stakeholders at policy and programme level, the research community and industry. 11 partner institutions from 9 European countries and Korea participate in the KORANET project.

Upcoming International ZEBISTIS-Symposia:

Oct. 2013: Turkey, Istanbul, Spring 2014: Korea, Seoul, Autumn 2014: Switzerland, Zurich



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