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Alpine Building Conference

Garmisch-Partenkirchen | March 16–17, 2016

Programme

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Foreword

Ladies and Gentlemen,

The participants of the Workshop on Low Energy Buildings in July 2015 in Merano/South Tyrol showed great interest in further fostering the exchange of experience in the field of zero-energy buildings and neighbourhoods, sustainable and energy-efficient construction, building culture and other related building design topics. The objective of such an exchange would be to support the sustainable development of the building sector in the Alpine regions of Europe.

The exchange was organised by the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety and the Bavarian Chamber of Architects (Bayerische Architektenkammer ByAK) as part of Germany's presidency of the Alpine Convention. Participants included interested parties from Austria, France, Germany, Italy, Slovenia and Switzerland as well as representatives of the Permanent Secretariat of the Alpine Convention and the observer organisations CIPRA and Club Arc Alpin (CAA).

Today, less than eight months later, I am honoured and pleased to welcome you to the first Alpine Building Conference "Towards Net Zero Energy Buildings (NZEB)". This outstanding event is giving all of us the exciting opportunity for the thorough exchange of experience and ideas in this important and rapidly developing field. The focus here is not solely on new building projects, but also, in particular, on modernisation and renovation projects and on finding solutions to make neighbourhoods viable for the future.

I would like to thank all of our partners, such as the Permanent Secretariat of the Alpine Convention and the Bavarian Chamber of Architects for their generous support in making this event possible. Furthermore, special thanks go to the Technical University of Munich (TUM), who is the organizer of this exciting event.

And most importantly, I would like to thank all of our speakers, session chairs and discussion partners for their substantial support and their important contributions. Your input is highly appreciated and will be collected throughout the conference. Together with the results of the panel-discussion the ideas will be used to not only document best practice projects and concepts for future strategies on creating a net-zero-energy building culture in Alpine regions, but also to inform stake holders about your approach to foster sustainable building in the Alps.

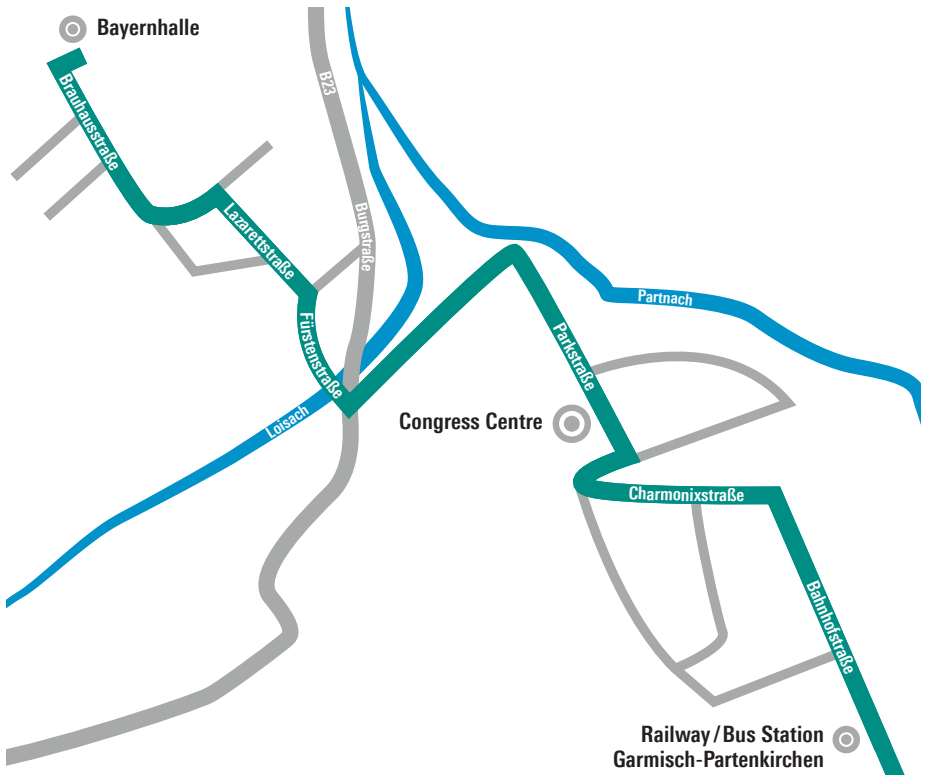
Thank you for being with us and for contributing to this exciting and important event.

Yours sincerely,

Hans-Dieter Hegner

For the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

Venue – How to Get There



Distance Railway Station – Congress Centre (Kongresshaus):

600 m / 10 minutes walking distance

Distance Congress Centre – Bayernhalle:

1.100 m / 15 minutes walking distance

Taxi Service

www.taxi-garmisch.de

kundenservice@taxi-garmisch.de

Station +49 (0)8821 16 16

Marienplatz +49 (0)8821 24 08

Alpen-Taxi Heinzinger

+49 (0)171 774 9999

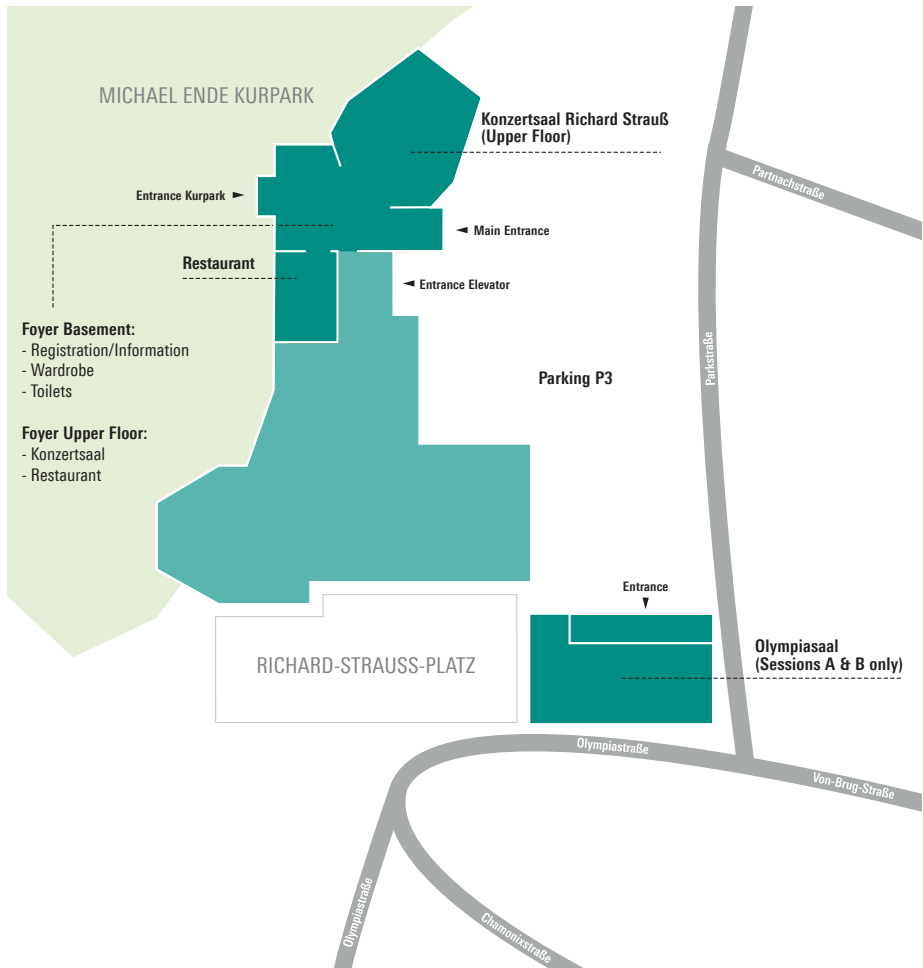
Das Hoffmann Taxi

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+49 (0)170 2944 686

Venue – Congress Centre

Richard-Strauss-Platz 1A | 82467 Garmisch-Partenkirchen | Tel.: 08821 180 742 7



Free WLAN Access for the Conference:

Hotspot: Kongresse

LOGIN: ABK2016

ABK2016

Schedule

Version: 02.03.16

» DAY 1 – March 16, 2016

11:00 – 12:00 **Doors Open / Registration**

12:00 – 12:45 **Conference Opening**

Hans-Dieter Hegner, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety, Berlin, Germany

Markus Reiterer, Secretary General, Permanent Secretariat of the Alpine Convention, Innsbruck, Austria

Andreas Kronthaler, Bavarian Ministry of the Interior, for Building and Transport, Munich, Germany

Rudolf Scherzer, Bavarian Chamber of Architects, Munich, Germany

Werner Lang, Technical University of Munich, Germany

13:00 – 13:45

Keynote 1

“High Comfort – Low Impact”

Thomas Auer, Transsolar, Stuttgart, Germany

What is the meaning and context of sustainability in architectural design in the Alps – beyond the requirements of rating systems? Particularly materiality – local and natural – climate responsiveness and an architectural excellence have a great history in this region. How can this cultural heritage be translated into a contemporary design?

13:45 – 15:15

Session A (English)

Olympiasaal

Net Zero Energy Buildings and Building Culture

“Austrian State Prize for Architecture and Sustainability”

Helmut Krapmeier, Energy Institute Vorarlberg, Dornbirn, Austria

“CAA Project – Energy Efficiency for Alpine Huts”

Peter Büchel, Club Arc Alpin e.V., Weinfeld, Switzerland

“Place and People”

Bernardo Bader, Architect, Dornbirn, Austria

Session Chairman: Martin Ploss, Energy Institute Vorarlberg, Dornbirn, Austria

13:45 – 15:15

Session C

Strategies for Climate Responsive Neighbourhoods

“Places – Values – Visions”

Christian Wagner, University of Applied Sciences HTW Chur, Chur, Switzerland

“Towards Sustainable Alpine Cities”

Mark Michaeli, Technical University of Munich, Germany

“Building Culture – Shaped by People like You and Me”

Josef Mathis, Former Mayor of Zwischenwasser, Austria

Session Chairman: Jakob Dietachmair, Commission Internationale pour la Protection des Alpes, Schaan, Liechtenstein

The presentations will be translated into French, German, Italian and Slovenian.
There is no translation available for the two English sessions A & B.

15:15 – 16:00 Coffee Break

Including Group Photograph

16:00 – 17:45 Session B (English)

Olympiasaal

Sustainable Building Refurbishment

“Towards a New Architecture”

Muck Petzet, Architect, Munich, Germany

“Monitoring of Low Consumption Buildings”

Lauranne Marcel, Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement, Le Grand-Quevilly, France

“Energy Efficiency for the Reconstruction Heritage of Normandy”

Cédric Delahais, Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement, Le Grand-Quevilly, France

“Remember the Future!”

Peter Haimerl, Architect, Munich, Germany

Session Chairman: Oliver Heiss, Bavarian Chamber of Architects, Munich, Germany

16:00 – 17:45 Session D

“Reinventing Alpine Communities”

“Different but Familiar”

Peter Zoderer, Architect, Vienna, Austria

“CESBA and the EUSALP-Strategy”

Markus Berchtold-Domig, Common European Sustainable Built Environment Assessment, Schwarzenberg, Austria

Etienne Vienot, Rhônealpennergie-Environnement, Villeurbanne, France

“Project Zernez Energia 2020 from Idea to Implementation”

Emil Müller, Mayor of Zernez, Switzerland

Session Chairwoman: Nadja Häupl, Technical University of Munich, Germany

18:00 – 18:45

Keynote 2

“Contextual Architecture”

Hermann Kaufmann, Architect, Schwarzach, Austria

Building in the Alpine region implies knowledge of the local climate, local resources, historical roots, principles of local typologies and the consideration of local social structures. The traditional architecture reveals that the rules for sustainable construction were written long ago.

18:45 – 19:00 Summary and Acknowledgements

Werner Lang, Technical University of Munich, Germany

19:00 – 23:00 Get-Together at the 'Bayernhalle' (Bus Transfer)

Bavarian Evening

Schedule

Version: 02.03.16

» DAY 2 – March 17, 2016

8:15 – 8:45 **Doors Open / Registration**

8:45 – 9:00 **Opening and Summary Day 1**

Werner Lang, Technical University of Munich, Germany

9:00 – 9:15 **Statement**

From the Point of View of the International

Commission for the Protection of the Alps

Jakob Dietachmair, Commission Internationale pour la Protection des Alpes, Schaan, Liechtenstein

9:15 – 10:00

Keynote 3

“Building in the Alps – Sustainable Regionality”

Andreas Gottlieb Hempel, Architect, Brixen, Italy

In the past, uniform buildings have sprung up all over the Alpine regions as part of a misunderstood modernism. Without connection to the regional context of the Alps, these buildings are missing the traditional values, durable construction techniques and regional quality. Examples for a new approach towards a sustainable regionalism will be shown, which meet the conditions of the regional ecology, economy, social values and culture with modern means.

10:00 – 10:30 **Coffee Break**

10:30 – 12:00 **Session E**

Holistic Building Design and Certification Systems

“Sustainability Assessment Tools and Life Cycle Approaches –

From Buildings up to whole Alpine Regions”

Natalie ERig, Munich University of Applied Sciences, Germany

“Sustainability Concepts: Innovation, Cooperation and Certification”

Stefano Prosseda, Techno Innovation South Tyrol KAG, Bolzano, Italy

“Sustainable Design and Operation – Experiences with Buildings and Districts”

Nadège Vetterli, University of Lucerne, Switzerland

Session Chairman: Roberto Lollini, EURAC, Bolzano, Italy

12:00 – 13:00 **Lunch Break**

The presentations will be translated into French, German, Italian and Slovenian.
There is no translation available for the two English sessions A & B.

13:00 – 14:15 Statements by Session Chairs

Nadja Häupl, Technical University of Munich, Germany

Jakob Dietachmair, Commission Internationale pour la Protection des Alpes,
Schaan, Liechtenstein

Martin Ploss, Energy Institute Vorarlberg, Dornbirn, Austria

Oliver Heiss, Bavarian Chamber of Architects, Munich, Germany

Roberto Lollini, EURAC, Bolzano, Italy

Statements by Stakeholders

Florent Moretti, Ministry for housing, territorial equity and rural areas,
Puteaux, France

Wolfgang Thaler, Chamber of Architects Bolzano, Italy

Saša Galonja, Ministry of the Environment and Spatial Planning, Ljubljana, Slovenia

Session Chairman: Werner Lang, Technical University of Munich, Germany

14:15 – 15:00 Discussion of Future Strategies for NZEB in Alpine Regions with Stakeholders, Session Chairs and Audience

Moderator: Werner Lang, Technical University of Munich, Germany

Speaker

Thomas Auer

Transsolar, Stuttgart, Germany

“High Comfort – Low Impact”

Bernardo Bader

Architect, Dornbirn, Austria

“Place and People”

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Common European Sustainable Built Environment Assessment, Schwarzenberg, Austria

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“CAA Project - Energy Efficiency for Alpine Huts”

Cédric Delahais

**Centre d'études et d'expertise sur les risques, l'environnement,
la mobilité et l'aménagement, Le Grand-Quevilly, France**

“Energy Efficiency for the Reconstruction Heritage of Normandy”

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From the Point of View of the International Commission
for the Protection of the Alps

Natalie Eßig

Munich University of Applied Sciences, Germany

“Sustainability Assessment Tools and Life Cycle Approaches –
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Saša Galonja

Ministry of the Environment and Spatial Planning, Ljubljana, Slovenia

Statement by Stakeholder

Peter Haimerl

Architect, Munich, Germany

“Remember the Future!”

Nadja Häupl

Technical University of Munich, Germany

Session Chairwoman

Hans-Dieter Hegner, MinR

**Federal Ministry for the Environment, Nature Conservation,
Building and Nuclear Safety, Berlin, Germany**

Conference Opening

Oliver Heiss

Bavarian Chamber of Architects, Munich, Germany

Session Chairman

Andreas Gottlieb Hempel

Architect, Brixen, Italy

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Andreas Kronthaler, LBD

Bavarian Ministry of the Interior, for Building and Transport, Munich, Germany

Conference Opening

Werner Lang

Technical University of Munich, Germany

Conference Opening and Session Chairman

Roberto Lollini

EURAC, Bolzano, Italy

Session Chairman

Lauranne Marcel

**Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement,
Le Grand-Quevilly, France**

"Monitoring of Low Consumption Buildings"

Josef Mathis

Former Mayor of Zwischenwasser, Austria

"Building Culture – Shaped by People like You and Me"

Mark Michaeli

Technical University of Munich, Germany

"Towards Sustainable Alpine Cities"

Florent Moretti

Ministry for housing, territorial equity and rural areas, Puteaux, France

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Emil Müller

Mayor of Zerne, Switzerland

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Secretary General, Permanent Secretariat of the Alpine Convention, Innsbruck, Austria

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Bavarian Chamber of Architects, Munich, Germany

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University of Applied Sciences HTW Chur, Switzerland

“Places – Values – Visions.”

Peter Zoderer

Architect, Vienna, Austria

“Different but Familiar”

Organisation

Presidency of the Alpine Convention
for the period 2015-2016

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

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MinR Hans-Dieter Hegner
Andrea Pfeil

Bavarian Chamber of Architects

Rudolf Scherzer
Oliver Heiss

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für Umwelt, Naturschutz,
Bau und Reaktorsicherheit

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German Presidency 2015 – 2016

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