



**XXXIst International
Symposium of the
ISSA Construction Section**

Berlin, 8 to 10 June 2022

**VISION
ZERO**

Safety.Health.
Wellbeing.



Programme

**XXXIst International Symposium of the
ISSA Construction Section
“How to reach Vision Zero in Construction”**

Berlin, 8 to 10 June 2022

**Organized by the International Section of the ISSA on Prevention
in the Construction Industry**



Objectives

The symposium is aimed at international building contractors, architects, representatives of public authorities, international occupational safety and health organizations, research institutes, universities, training institutions as well as construction owners or clients. It pursues the goal of defining best practices in the field of occupational safety and health on construction sites as well as discussing and internationally disseminating experiences, new approaches and innovations, especially in the digital field, in order to achieve a reduction in the number of accidents and occupational diseases on construction sites on a global level and to come closer to the goal of Vision Zero.

Introduction

The International Section of the ISSA on Prevention in the Construction Industry (abbr. ISSA Construction/ISSA-C) was founded in 1968 and is one of the 14 international prevention sections of the International Social Security Association (ISSA) with the aim of preventing accidents and occupational diseases in the construction industry. It identifies and disseminates information on good practice in occupational safety and health and promotes the Vision Zero approach. The Section's activities include the organization of technical and thematic meetings, studies, expert discussions during ISSA Congresses and international symposia on the prevention of occupational accidents and diseases like the "XXXIst International Symposium of the ISSA Construction Section", which follows the international symposia in Brussels (2009) and Boston (2012) and which will focus on the question „How to reach Vision Zero in Construction?“.

Vision Zero is based on the belief that all accidents, illnesses and harm at work are preventable. To implement the Vision Zero strategy, „7 Golden Rules“ have been developed to create a culture of prevention at work:

1. Take leadership – demonstrate commitment
2. Identify hazards – control risks
3. Define targets – develop programmes
4. Ensure a safe and healthy system – be well-organized
5. Ensure safety and health in machines, equipment and workplaces
6. Improve qualifications – develop competence
7. Invest in people – motivate by participation

<https://visionzero.global>

Programme information

The symposium offers the unique opportunity to discover many new approaches and solutions from the field of safety and health on construction sites.

The opening of the symposium will start on 8 June at 1:30 p.m. and will be followed by a keynote presentation and a plenary session. To welcome all participants, there will be a reception in the evening.

Breakout Sessions on the topics "Accident prevention", "Training and awareness building", "Hazardous substances and occupational health", "Innovation and new technologies" are planned for 9 June 2022. In the morning as well as in the afternoon, two Breakout Sessions will be held in parallel. In the evening, the participants will have the opportunity to expand their network with experts from all over the world during a dinner.

The results of the Breakout Sessions will be presented on the last day, 10 June, in the morning. The symposium will close with the "Declaration of Berlin" and end around 12:00 p.m.

In addition to the above programme items, there will be a poster exhibition, a start-up pitch battle and, for a limited number of participants, the possibility of technical visits to construction projects in Berlin.

Simultaneous translation will be provided into the following languages:

- German ■ English ■ French



Schedule – 8 June 2022

10:00 a.m. – 12:00	Registration
12:00 – 1:30 p.m.	Lunch
Opening Session and Keynote 1:30 p.m. – 3:00 p.m.	
<p>Opening Prof. Karl-Heinz Noetel, President ISSA-C Ministry of Labour, Germany (requested) Managing Director, BG BAU, Germany International Labour Organization (requested)</p>	
<p>Keynote Prof. Dr. Joachim Breuer, ISSA President</p>	
3:00 p.m. – 3:30 p.m.	Coffee break
Plenary Session 3:30 p.m. – 6:00 p.m.	
Moderator: Ehi Iden, OSH Africa	
3:30 p.m. – 3:50 p.m.	Current international situation in the world of work in the construction industry Prof. Karl-Heinz Noetel, President ISSA-C
3:50 p.m. – 4:10 p.m.	Vision Zero Bernd Treichel, ISSA
4:10 p.m. – 4:30 p.m.	Vision Zero in the construction industry Roberto Morrison, President CChC, Vice-President ISSA-C
4:30 p.m. – 4:50 p.m.	New digital developments in the construction industry Dr. Rick Rinehart, Deputy Director CPWR, USA
4:50 p.m. – 5:10 p.m.	Human and organizational factors, a required path to Vision Zero Paul Duphil, Director General OPPBTP, Vice-President ISSA-C
5:10 p.m. – 5:30 p.m.	COVID-19 in the construction industry Dr. Krishna Nirmalya Sen, L&T, India
5:30 p.m. – 6:00 p.m.	Panel discussion
7:00 p.m. – 9:00 p.m.	Reception

Schedule – 9 June 2022

Breakout Sessions 9:00 a.m. – 12:15 p.m.

	Breakout Session 1: Accident prevention Moderator: Dr. Knut Ringen, CPWR, Vice-President ISSA-C	Breakout Session 3: Training and awareness building Moderator: Roberto Morrison Yonge, CChC, Vice-President ISSA-C
9:00 a.m. – 9:20 a.m.	Vision Zero – 7 years accident-free! Andre Büschkes, Hans-Dieter Büschkes GmbH & Co.KG, Germany	The integration of occupational safety and health in technical and vocational training in Africa: Experience report from Africa Marie Diallo, Caisse de Sécurité Sociale, Senegal
9:20 a.m. – 9:40 a.m.	Ladder fatal – “Fatal ladders” Eliminated – ladders, a discontinued work equipment Prof. Dr. Marco Einhaus, BG BAU, Germany	Modern construction management – Work-family balance Prof. Dr. Manfred Helmus, Universität Wuppertal, Germany
9:40 a.m. – 10:00 a.m.	From frequency to serious injuries: focus on precursors and a shared vision of critical risk Dr. Héctor Jaramillo, CChC, Chile	How can workers be motivated to act in a safe and healthy manner Philippe Villain, DEMATHIEU BARD, France
10:00 a.m. – 10:20 a.m.	Factors contributing to the incidence of occupational accidents at construction sites in Lusaka City Dr. Elizabeth Nkumbula, ENVIS Consulting Ltd, Zambia P. Simutenda, University of Lusaka, Zambia M. Zambwe, University of Lusaka, Zambia P.C. Bwembya, Workers Compensation Fund Control Board, Zambia J. Gasana, OSHAfrica R. Mutemwa, University of Lusaka, Zambia	Contractor Safety Management: Problems and Solutions Dr. Mark Füllemann, Practice & Experience GmbH, Switzerland
10:20 a.m. – 10:50 a.m.	Coffee break	Coffee break
10:50 a.m. – 11:10 a.m.	More than driving: Commercial vehicles as a workplace and work equipment Dr. Nadja Schilling, ISSA Transportation Evelien Jonkeren, ISSA Transportation Martin Küppers, BG Verkehr, Germany Bernd Hörter, BG Verkehr, Germany Dr. Jörg Hedtmann, BG Verkehr, Germany	Corporate management and employee commitment Jens-Uwe Lutz, Dietmar Lutz Malermeister GmbH & Co., Germany
11:10 a.m. – 11:30 a.m.	Safety and health coordination on construction sites Dr. Reinhard Obermaier, President ISHCCO	Vision Zero journey of IGFP practical implementation for construction sector in India Bimal Sahu, Indo German Focal Point, India
11:30 a.m. – 11:50 a.m.	Targeting Safety in Design for the achievement of Vision Zero in the construction industry Hakeem Dickson, TWPS, Nigeria	Is Zero Accident just a Pipe Dream in the Construction Industry? Unmasking a Vision Zero Leader Engr. Jamiu Badmos, QHSSE Professional, Nigeria
11:50 a.m. – 12:15 p.m.	Discussion	Discussion
12:15 p.m. – 1:30 p.m.	Lunch	Lunch

Schedule – 9 June 2022

Breakout Sessions 1:30 p.m. – 4:45 p.m.

	Breakout Session 2: Hazardous substances and occupational health Moderator: N.N. Caisse de Sécurité Sociale, Senegal	Breakout Session 4: Innovation and new technologies Moderator: Prof. Dr. Pieter van Gelder, TU Delft, Vice-President ISSA-C
1:30 p.m. – 1:50 p.m.	Asbestos – still a challenge for the construction industry Andreas Feige-Munzig, BG BAU, Germany	New chances for occupational safety and health through digitalization Bernd Merz, BG BAU, Technical Secretary ISSA-C
1:50 p.m. – 2:10 p.m.	“Asbestos Map” and “Asbestos good practices”, tools for construction companies working on materials and products containing asbestos Isabelle Monnerais, OPPBTP, France Mickaël Veillet, OPPBTP, France	BIM – An Essential Safety and Health Tool, also for Small Employers Dr. Knut Ringen, CPWR, Vice-President ISSA-C
2:10 p.m. – 2:30 p.m.	Reducing respirable crystalline silica dust effectively Dr. Reinhold Rühl, formerly BG BAU, Germany Christine Le Forestier, FIEC Rolf Gehring, EFBWW	“Safety Force®: a 100% safety application” Erick Lemonnier, Eiffage Branche Infrastructures, France
2:30 p.m. – 2:50 p.m.	Be careful, danger of cancer! – Carcinogenic substances on construction sites Dr. Silvia Springer, AUVA, Austria	Use of robots to improve health and safety in construction Takashi Kawata, SHIMIZU Corporation, Japan
2:50 p.m. – 3:20 p.m.	Coffee break	Coffee break
3:20 p.m. – 3:40 p.m.	Factors influencing the risk of infection with COVID-19 in the construction cleaning trades Dr. med. Thomas Solbach, BG BAU, Germany Dr. Dirk Seidel, BG BAU, Germany Dr. med. Anette Wahl-Wachendorf, Germany	BIM use case fall protection Sascha Bahlau, intecplan Essen GmbH & Co. KG, Germany Marcos Hill, intecplan Essen GmbH & Co. KG, Germany
3:40 p.m. – 4:00 p.m.	Training as a measure for successful prevention Dr. Klaus Kersting, BG BAU, Germany Sabrina Schatzinger, AUVA, Austria	Vision Zero Rating System India – A tool for reaching Vision Zero in Construction Dr. Avneesh Singh, India
4:00 p.m. – 4:20 p.m.	Preventing Heat Stress in Construction Prof. Rosemary K. Sokas, Georgetown University, USA	Digital prevention solutions to support construction companies Stéphanie Bigeon-Bienvenu, OPPBTP, France
4:20 p.m. – 4:45 p.m.	Discussion	Discussion
4:45 p.m. – 5:00 p.m.	Break	Break

Schedule – 9 June 2022

Start-up pitch battle 5:00 p.m. – 6:15 p.m. (English)
How to improve safety and health on construction sites through digital innovations?
Moderator: Stéphanie Bigeon-Bienvenu, OPPBTP, France

5:00 p.m. – 6:15 p.m.	Start-up pitch battle
7:00 p.m. – 10:00 p.m.	Dinner

Schedule – 10 June 2022

Report on Breakout Sessions 9:00 a.m. – 11:15 a.m.

Moderator: Paul Duphil, Director General OPPBTP, Vice-President ISSA-C

9:00 a.m. – 9:15 a.m.	Report on Breakout Session 1
9:15 a.m. – 9:30 a.m.	Report on Breakout Session 2
9:30 a.m. – 9:45 a.m.	Report on Breakout Session 3
9:45 a.m. – 10:00 a.m.	Report on Breakout Session 4
10:00 a.m. – 10:45 a.m.	Panel discussion
10:45 p.m. – 11:15 p.m.	Coffee break

Closing Session 11:15 a.m. – 12:00

11:15 a.m. – 11:30 a.m.	Award ceremony
11:30 a.m. – 11:45 a.m.	Declaration of Berlin Dr. Knut Ringen, CPWR, Vice-President ISSA-C
11:45 a.m. – 12:00	Closing Prof. Karl-Heinz Noetel, President ISSA-C
12:00 – 1:00 p.m.	Lunch

The programme is subject to change.



Additional information

Start-up pitch battle:

Since many start-up companies can provide interesting and helpful digital innovations to protect against accidents and occupational diseases on construction sites but have problems bringing their products to companies without contacts or investors, the symposium offers the great opportunity to make OSH experts and companies aware of the start-ups' innovations.

The topic of the battle will be: **How to improve safety and health on construction sites through digital innovations?** Start-up companies with interesting digital innovations will have the opportunity to present their products. The whole pitch battle of the start-up companies will be in English.

After the pitches the audience will get the chance to vote for a winner of the start-up pitch battle, whose innovation will be published on the ISSA Construction website.

Poster exhibition:

A poster exhibition including further topics on safety and health on construction sites will be offered on all three days of the symposium.

Awards:

One speaker per Breakout Session and one poster exhibitor will have the chance to be awarded for their presentation or poster. The winners will be chosen by all participants of the symposium via a digital voting system. They will be honoured at the award ceremony on 10 June 2022.

Declaration of Berlin:

Following the example of the Brussels and Boston symposia, the "XXXIst International Symposium of the ISSA Construction Section" will conclude with the Declaration of Berlin in order to establish the contents and goals of the symposium and to implement them in the future.

Technical visits to construction projects of Berlin:

Technical visits to interesting construction projects in Berlin will be possible for a limited number of participants. Information on the Technical visits will be published in due course. A separate registration and an additional fee will be required.



Registration

Registration for the symposium is possible via the registration form, which can be found under the following link:
<https://ww1.issa.int/events/prevention/construction-symposium-2022/documents>.

Please send the completed registration form to issa-c@bgbau.de.

Below you will find an overview of the fees.

Early Bird Until 30 April 2022	Regular Registration After 30 April 2022
430 €	480 €

Plus, legally applicable value-added tax.

- The cost includes participation in all symposium sessions, lunches, coffee breaks, a reception, and a dinner.
- Please note that the full indicated amount is to be paid even if not all parts of the programme are attended.

Cancellation Policy:

In case of a cancellation of the registration:

- the full amount will be refunded until 30 April 2022
- from 1 May to 31 May 2022 50% will be refunded
- after 31 May 2022 – no refund will be possible

Venue

The symposium will take place at the Steigenberger Hotel Am Kanzleramt Berlin, a high-quality hotel located directly in the centre of Berlin, close to the „Platz der Republik“

(approx. 850 m) and the Brandenburg Gate (approx. 1.5 km).
 Website: <https://www.steigenberger.com/en/hotels/all-hotels/germany/berlin/steigenberger-hotel-am-kanzleramt>

Accommodation

Each participant is responsible for his/her own accommodation arrangements.

If you want to book your accommodation at the Steigenberger Hotel Am Kanzleramt, you have the opportunity to benefit from a special room rate until 8 May 2022 if you quote the following keyword by making your booking at the hotel:
 "ISSA-C Conference 2022"

The price for a single room is 129 € including breakfast.
 The price for a double room is 149 € including breakfast.
Please note: Room rates are not included in the conference fees.

Contact details of the hotel:

Steigenberger Hotel
 Am Kanzleramt
 Ella-Trebe-Strasse 5
 10557 Berlin, Germany
 E-Mail: reservations.kanzleramt-berlin@steigenberger.com
 Phone: +49 30 7407 43 990



Arrival from the Airport Berlin Brandenburg (BER) to the venue

Arrival by train:

From the stations „Flughafen BER-Terminal 1-2“ or “Flughafen BER-Terminal 5” take a train to “Berlin Hauptbahnhof” (Berlin Central Station).

The following trains can be used from „Flughafen BER-Terminal 1-2“:

- **Airport Express “FEX”** in direction to Berlin Hauptbahnhof. The time of travel is approx. half an hour.
- **RE 17** in direction to Berlin Hauptbahnhof. The time of travel is approx. half an hour.
- **RE 7** in direction to Dessau. The time of travel is approx. half an hour.

The following train can be used from “Flughafen BER-Terminal 5”:

- **S9** in direction to “Spandau BHF”. The time of travel is approx. half an hour.

The Steigenberger Hotel Am Kanzleramt Berlin is a 2-minute walk (approx. 180 m) from Berlin Hauptbahnhof (Berlin Central Station).

Arrival by taxi:

A taxi from the airport to the Steigenberger Hotel Am Kanzleramt, Ella-Trebe-Strasse 5, 10557 Berlin, costs around 50 to 60 €. The time of travel will be around 40 minutes.

COVID-19 safety measures

The current COVID-19 regulations can be found on the website of the Federal Foreign Office: <https://www.auswaertiges-amt.de/en/coronavirus/2317268>.

We will inform about the regulations in force at the time of the symposium in due course.

Please note that we will check applicable regulations on vaccinations, tests, and face masks at the entrance to the symposium.

We look forward to an interesting event and exciting discussions that will help us reach Vision Zero in Construction!



issa

INTERNATIONAL SOCIAL SECURITY ASSOCIATION

Section on Prevention in the Construction Industry

Organized by the International Section of the ISSA on Prevention in the Construction Industry

The execution of the symposium is carried out
by the association "Internationaler Verein für
Prävention in der Bauwirtschaft e.V."

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