

The SBE18-20 Conference series

The Sustainable Built Environment (SBE) series of conferences began in 2000, operates on a three-year cycle and now includes four international organizations as co-owners:

- *International Council for Research and Innovation in Building and Construction* (CIB, www.cibworld.nl)
- *International Initiative for a Sustainable Built Environment* (iiSBE, www.iisbe.org)
- *United Nations Environment Programme*, www.unenvironment.org
- *International Federation of Consulting Engineers*, www.fidic.org

The SBE series is held on a three-year cycle with planning and preparation in year 1, national/regional conferences held in year 2 and a single global event held in year 3.

The series places a core emphasis on peer-reviewed papers, presentations of regional policy papers, displays of pre-evaluated projects and a small number of high-quality commercial exhibits. These events also provide fast-track inclusion of the best technical papers from national/regional conferences into the global event, as well as registration policies designed to encourage the attendance of students and delegates from developing countries.

Twenty national/regional conferences took place in 2016 and a World SBE17 conference took place in Hong Kong during 5-7 June 2017. Fifteen organizations have proposed to hold regional conferences during 2018 and 2019, and a global event is planned for Gothenburg in 2020. The conference organizers discussed mutual issues at a meeting in Paris in January 2018.

In all of these events, one or more local research-based organizations have taken financial and organizational responsibility while the international series owners, iiSBE, CIB, UN Environment and FIDIC, have given organizational advice and have used their networks to help ensure a large multi-disciplinary audience for the events.

Nils Larsson coordinates the planning and management of the series on behalf of the SBE partners. He will continue in this role until the WSBE20 conference, at which time Dr. Wim Bakens will take over the series management function.

Short updates on the conferences are presented according to the current schedule.

SBE ILCGBS: *Innovative Low-Carbon and Green Buildings in Sub-Tropical Areas*, Taipei, 14-17 October 2018

The organization for this major event is now well underway. Submitted papers are being reviewed and 6 keynote speakers have been selected including Tai Lee Siang, Chairman of the Board of WGBC, Inoue Takashi, Professor at University of Tokyo, Thomas Luetzkendorf, Professor at Karlsruhe Institute of Technology, Nils Larsson, XD of iiSBE, Lynne Jack, Coordinator of CIB W62 and Professor at Heriot-Watt University and Ho-fu Wu Professor at California. The conference Chair is Dr. Cheng-Li Cheng, Dean of the Design College at National Taiwan University of Science and Technology State Polytechnic University. See <http://www.2018ilcgb.tw>



SBE19 Eindhoven, *Retrofit Europe*, 5-7 November 2018



The focus of *Retrofit Europe* is on bringing innovation and market together, especially around retrofitting the existing housing stock to perform at (near) 0-energy levels. Main elements of the conference will be

workshops, debates, and site visits, addressing innovations and the search for optimal solutions. Side events include the iiSBE annual meeting, A *CO2 budgets for Built environment* meeting, Masterclasses & excursions (Energiesprång projects (NOM), prefab panel pilot projects and factories). Papers (in the form of extended abstracts) are still welcome, as well as proposals to organize a specialist workshop.

See www.retrofit-Europe-2018.nl

SBE19 BAMB, Brussels, 5-7 February 2019

Buildings As Material Banks – A Pathway For A Circular Future

The Consortium of the H2020 BAMB Project announces a regional SBE 19 conference on Circular Economy in the Building Sector in Brussels on 05 to 07 February 2019. This EU funded project brings 15 partners from 7 European countries throughout Europe together for one mission -- enabling a systemic shift in the building sector by creating circular solutions. Since the end of 2015, BAMB has been developing and integrating tools that will enable the shift to a circular built environment: Reversible Building Design tools and Materials Passports –supported by new business models, policy suggestions, management and decision-making models. In addition to testing BAMB tools developed; design, manufacturing and construction innovations, as well as the environmental and economic benefits of circular buildings investigated through 6 real-life pilot projects, will be presented.

The deadline for abstracts is **06 August 2018**.

The website is: <https://www.bamb2020.eu/post/bamb-final-event/>

SBE19 Malta, March-April 2019

Sustainable Construction & Resilience engineering in Euro Med region

website TBA

SBE19 Calabria, *Policies for Sustainable Built Environment*, 16-17 May 2019

website TBA

SBE19 Helsinki, 22-24 May 2019

Clean Planet, Happy People and Shared Prosperity: Emerging Concepts for Sustainable Built Environment

<https://www.ril.fi/en/events/sbe-2019.html>

SBE19 Seoul, 29-31 May 2019

website TBA

CESB SBE19, Prague, 2-4 July 2019

Central Europe Towards Sustainable Building

To date we have collected over 300 abstracts from 45 countries, and reviews are in progress. We are also preparing the iiSBE Forum of Young Researchers in Sustainable Building 2019 Prague,



which will be held on July 1, 2019 prior to the conference. The conference will be held in line with the sustainable conference management guidelines.

www.cesb.cz

SBE19 Tokyo, 6-7 August 2019

Environment in an Era of Climate Change



SBE19TOKYO

The conference aims to encourage the participation and commitment of students and experts/professions of current and future generation who proactively carry out research on those issues related to sustainable built environment that are also strongly linked to mitigation of and adaptation to climate change.

The event also aims to promote exchanges of thought and practices amongst researchers, practitioners, and stakeholders, as well as to build up the interdisciplinary networks that support holistic approaches on a global scale. Recognizing that the issues are significantly connected with the performance of cities in Asia, the organizers encourage the participation of counterparts and partners from other countries in the region.

The deadline for abstracts is **31 July 2018**

<http://sbe19tokyo.org/>

SBE19 Milano, 3-6 September 2019

Resilient Built Environment for Sustainable Med. Countries

Call for papers will be issued in September.

website under construction at www.sbe19.polimi.it

SBE19 Graz, 10-13 September 2019

Sustainable Built Environment D-A-CH Conference 2019

Transition towards a Net Zero Carbon Built Environment



Graz University of Technology will host this conference in co-operation with University of Natural Resources and Life Sciences, Vienna and for the first time internationally with Karlsruhe Institute of Technology and ETH Zürich.

The topics refer to the fields of *Assessment & Certification, Design & Decision-Making Process, Cities & Infrastructure* and *Innovation & Implementation*. Special Sessions are welcome.

Side events will be a *Carbon Budget Workshop* and the *SBE Round Table*. The deadline for the abstract submission is 15 October 2018.

sbe19.tugraz.at

SBE19 Cardiff, 24-25 September 2019

Towards SBE: from Policy to Practice

website under construction at <http://sbe19.wales>



SBE19 Temuco (Chile), 16-18 October 2019



SBE: urban planning, global problems, local policies

The conference is being organized by the *Universidad Católica de Temuco* and the *Cámara Chilena de la Construcción*. The organizers expect to involve participation of a number of Spanish-speaking countries in the region.

[website TBA](#)

SBE19 Thessaloniki, 23-25 October 2019

Sustainability in the built environment for climate change mitigation

The objective of SBE 19 Thessaloniki conference is to address a large palette of topics, which interrelate sustainability in the built environment with climate change issues. The thematology of the conference involves -but is not limited to- the subjects of climate change in Mediterranean regions: status and mitigation strategies, energy and environmental assessment of buildings and built areas, zero energy - emissions - lifecycle emission buildings, renovation and performance upgrading of buildings and urban areas, methods, tools and certification schemes, policies, regulations and standards, economic and social issues, etc,

Following SBE16-Thessaloniki, the conference attempts to strengthen the SBE presence in the Mediterranean and especially in Balkans and Cyprus, i.e. regions that face similar problems as regards climate change, energy strategies and economical conditions.

The conference website and further information will be announced soon.

[website TBA](#)

SBE19 Sydney, 26-28 November 2019

more info to come

[website TBA](#)



The Global event: WSBE20 in Gothenburg, June 2020



The WSBE global conferences mark the climax of each series of national events, and the last global conference was held in Hong Kong in June 2017. The WSBE20 conference, called BEYOND 2020, will mark the culmination of the current SBE18-20 series and will be held in Gothenburg, Sweden during 9-11 June, 2020.

The WSBE20 conference will be organized by Chalmers University of Technology and RISE Research Institutes of Sweden, with the support of Johanneberg Science Park and City of Gothenburg. Prof. Holger Wallbaum of Chalmers will be the conference Chair and Prof. Kristina Mjörnell of RISE will be co-Chair. Izabela Kurkowska and Silvia Caggiati (both Chalmers) are the conference Project Manager and Communication Manager (*Silvia also replaces Izabela during her maternity leave, starting 1st August 2018*). Anna Hylander represents City of Gothenburg.

The main WSBE20 organizers and the SBE series partners met two of the SBE series partners (Nils Larsson and Wim Bakens) in Gothenburg, Sweden, in early May this year. The meeting provided an opportunity for the organizers to present their plans to date and to discuss potential issues that need to be resolved. A tour of the conference facilities was part of the meeting.

The mission of the conference is to link the global building sector to the UN Sustainable Development Goals and to define its role towards the achievement of 2030 objectives. Therefore the conference agenda will be structured according to the SDGs (Sustainable Development Goals), particularly SDG #11, originating within the UN. The organizers have now launched the BEYOND 2020 website as well as social media channels. This is part of their strategy to link the global event firmly with the national / regional events in 2018 and 2019.

The main website: <https://beyond2020.se> (with the possibility to sign up for a newsletter <https://beyond2020.us18.listmanage.com/subscribe?u=7894e1dfada70481bf504b2c0&id=550fc3d0d2>)

BEYOND 2020 LinkedIn: <https://www.linkedin.com/company/beyond2020-gothenburg/>

BEYOND 2020 Twitter page <https://twitter.com/2020Beyond> (tweet with hashtag #beyond2020)

BEYOND 2020 Facebook page: <https://www.facebook.com/beyond2020gothenburg/>

BEYOND 2020 YouTube

channel: https://www.youtube.com/channel/UCawtxBpfyLE_mhPJT3rftwg/featured

The first overview video (where Holger Wallbaum, Kristina Mjörnell and Mats Bergh explain our mission): <https://www.youtube.com/watch?v=-58tEm9YGtk>

The figure below shows all the currently planned conferences in one matrix.



SBE Series Summer Update

18 July 2018
www.iisbe.org

Status of SBE18-20 Conferences

[See Details sheet for more info](#)

Location	Date	Event name	Main sponsors	Contact	Comments
Taipei, Taiwan	14-17 Oct. 2018	Innovative Low Carbon and Green Buildings in Subtropical areas	AIT, TGBC, TiSBE, WGBC National U. of Science & Technology	Cheng-Li Cheng	Note the 2018 dates
Eindhoven, Netherlands	5-7 Nov. 2018	Retrofit Europe	EU H2020 MORE-Connect, Huygen Advisors, SBS Centre, Zuyd University, WEBO, BJW, Tallinn, Prague, Guimaraes universities	Ronald Rovers	
Brussels, Belgium	February 2019	BAMB - Buildings as Materials Banks	University of Minho + EU Project BAMB - Buildings As Material Banks	Luis Bragança	
Valetta, Malta	March-April 2019	Sustainable Construction & Resilience engineering in Euro Med region	SBE Malta, Ministry for Sustainable Development, Uni. of Malta, Building Industry Consultative Council, Malta College for Arts, S&T	Ruben Paul Borg	Held a SBE16 event
Scilla, Calabria	16-17 May 2019	Policies for Sustainable Built Environment	Calabria Region and University of Calabria	Giovanna Petrungraro & Andrea Moro	Pure policy focus
Helsinki, Finland	22-24 May 2019	SBE19 Helsinki: ReCet	VTT, Aalto Uni, Tampere Uni, SITRA, Ministry of Env., GBC Finland	Teemu Vehmaskoski, Finnish Assoc. of Engineers, Ville Raasakka	Previous successful events
Seoul, Korea	29-31 May 2019	SBE19 Seoul	Proposal being prepared	Yong Han Ahn <yonghan77@gmail.com>	
Prague, CZ	2-4 July 2019	Central Europe Towards Sustainable Building	iiSBE CZ, Ministry of Env., CZ GBC, EEB CZ, Centrum Passive House Centre	Petr Hajek, Antonin Lupisek	Held a SBE16 event, always participates
Tokyo, Japan	6-7 August 2019	SBE19 Tokyo: Built Environment in an Era of Climate Change	Arch. Institute of Japan, Engineering Academy of Japan, Institute for Bldg. Env. & En. Conserv., Uni Tokyo, Waseda Uni., IGES	Tomonari Yashiro Yu Morishita	Prelim. meeting held in Tokyo on 28 July
Milano, Italy	3-6 Sep. 2019	Resilient Built Environment for Sustainable Med. Countries	PoiMi Milano, iiSBE Italia plus many orgs	Bruno Daniotti, PoliMi Milano & Andrea Moro	Had a strong 2020 bid
Graz, Austria	09-13 Sep. 2019	SBE19 Graz	ÖGNI, ÖGNB, BMVIT, klima aktiv, universities, WKO	Michael Eder Alexander Passer	Includes Switss and German co-organizers
Cardiff, UK	September 2019	Towards SBE: from Policy to Practice	Cynna Cymru, Cardiff Uni., Universities Energy Research Institute	Philip Jones	
Temuco, Chile	16-18 Oct. 2019	SBE: urban planning, global problems, local policies	Uni Catolica de Temuco, Camara Chilena de la Construcción, Agencia...Cambio Climatico, Ministerio de Medio Ambiente, Ministerio de Energia	Aliro Borquez Ramirez, Ivan Cerda + 2	
Thessaloniki, Greece	23-25 Oct. 2019	SBE19-Thessaloniki: Sustainability in built environment for CC mitigation	Aristotle University of Thessaloniki, Technical Chamber of Greece	Katerina Tsikaloudaki, Dimitrios Bikas	Previous successful event
Sydney, Australia	26-28 Nov. 2019	To come	UNSW, Ministries	Lan Ding, Deo Prasad, Francesco Fiorito	Had a strong 2020 bid
Gothenburg, Sweden	9-11 June 2020	WSBE2020	Chalmers University, RISE Research Institutes of Sweden	Holger Wallbaum, Kristina Mjörnell Izabela Kurkowska	

