

Newsletter November 2021

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Congratulations to Jo Cops, the next President of the IEC

BEC would like to congratulate Jo Cops, our previous General Secretary, for his election as the next President of the IEC, the International Electrotechnical Commission. Mr. Cops will start his mandate in 2023 and will succeed current President Yinbiao Shu.



This election crowns a high-level career in national, European and international electrotechnical standardization for Mr. Cops: he has been IEC's Treasurer since January 2018. At the same time, in recent years he led the Belgian Electrotechnical Committee from 2012 to August 2021.

Mr. Cops started his career in 1990 with Sony Belgium and subsequently held various management positions within Sony Europe, the Belgian cable operator (Telenet), and Alpha Technologies Europe, with responsibilities covering sales, budgeting, pricing, marketing and strategic planning.



Nicholas Verveken, one of our YP's in Dubai, gives us his feelings about this experience.

The IEC Young Professionals Programme was developed as a way for the IEC and its National Committees to reach out to the younger generation of experts, managers and leaders and to encourage their long-term participation in standardization and conformity assessment activities. This helps guarantee continuity in the availability of high-quality experts, enabling the IEC to maintain its focus on responding to market needs on a long-term basis. Participants also help shape the future of IEC by sharing their ideas about how IEC should evolve to respond to the needs of future generations. The eleventh edition of the IEC YP workshop was held in hybrid format from 3 to 7 October 2021, in conjunction with the General Meeting, in Dubai, United Arab Emirates. 109 Young Professionals from 46 IEC National Committees attended in person (40) and remotely (69). Following the recommendation from former YPs, the duration was increased by two full days. In addition, 16 NCs nominated one additional YP, making use of the opportunity provided at the time of the call for nominations following the cancellation of the 2020 YP workshop. Out of 109 YPs, 41 YPs were nominated in 2020. 5 NCs nominated YPs for the first time (Bahrain, Cote d'Ivoire, Ghana, Peru and Uganda).



In a few questions we wanted to discover the experience of a YP during this program. Nicholas Verveken, Global Product Manager Power Solutions and Airfield Systems at ADB Safegate, was one of our Belgian YP's on site.

What were your expectations of this program before participating?

Nicholas: "Ever since participating within the TC-97 working group I was wondering upon how an international community was organized to produce standardization. While I was working on a technical level within TCs, rewriting standards, I did not catch the full picture of standardization. When I saw the possibility to participate at the GM I saw this as a unique learning experience in standardization as well as a great networking event."

Were these expectations met and if so how?

Nicholas: "They were surpassed. The standard in a day course covered my expectations. But learning how IEC operates, prioritizes with its vision and mission resolving around the UN SDGs (Sustainable Development Goals) was the real valuable thing. It left me thinking how this should descend in my current standardization work."

What did this participation bring to your work?

Nicholas: "I work in the aviation industry. The aviation industry benefits hugely from the standardisation work of ICAO, which in turn refers to IEC for electrical standardisation. Alas, it suffers the same challenges: the lack of international diversity in participation threatens a uniform implementation, reaching sustainability by enabling technology and attracting skilled and gender divers workforce."

What was your best experience during this program and why?

Nicholas: "The networking possibility with all smart, highly motivated people from all across the globe. Many friends were made."



What would be your motivational phrase to participate in this program for future YPs who would like to participate?

Nicholas: "Be part driving worldwide sustainable development through shaping standardization and innovation."

How to become a YP for Belgium?

Each year, IEC National Committees are invited to select two candidates to participate in the YP programme, including to attend the annual YP workshop held alongside the IEC General Meeting. If you are interested for the next YP 2022 in San-Francisco, please send a mail to: sabine.vermeulen@ceb-bec.be.

Legend 1st picture: Our two Belgian YPs, Nicholas Verveken and Jochem Vermeir with Dirk De Moor, Secretary General of the BEC - 2nd picture: All Young Professionals 2021

BEC's Technical Officer, François Rummens, is one of the speakers during the 2021 NIST/UL Workshop on Photovoltaic Materials Durability – December 7-9, 2021

The National Institute of Standards and Technology (NIST), part of the U.S. Department of Commerce, is organizing a virtual workshop on photovoltaic materials durability. This event will take place from December 7 to December 9, 2021.

The NIST/UL Workshop on Photovoltaic Materials Durability will feature invited technical presentations and panel discussions. This event will provide a forum for the exchange of research, innovation and methodology for participants ranging from material suppliers, module manufacturers, testing and certification companies to universities and national laboratories. It will also offer a platform to spark new collaborations and align goals between relevant stakeholders. Attendees will not only hear about advanced lifetime test methods but will also have an opportunity to engage in open discussions on how to convert advanced research to consensus standards development.



This workshop is divided into 9 sessions:

Session 1: PV Reliability Programs

Session 2: PV Module Circular Economy

Session 3: Extreme Weather Impact and Post-disaster Investigation

Session 4: PV Module Field Survey

Session 5: Accelerated Laboratory Testing

Session 6: Linking Accelerated Laboratory Testing to Field Performance

Session 7: Characterization and Modeling

Session 8: Linking Research to Standards

Session 9: Emerging Technology

In the second session, our Technical Officer, François Rummens, will present the different approaches to facilitate responsible PV module re-use.

You want to know more about this workshop or participate, [click here](#).

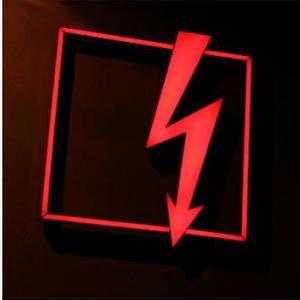
IEC and ISO Climate Action Kit

Together with ISO, the IEC has developed a [Climate action kit](#). It presents case studies on how standards can support public policies and influence climate change initiatives.

The IEC is working with ISO and other organizations to co-create a system of legislative rules, stakeholder-led International Standards and accredited Conformity Assessment Systems. The idea is to accelerate policy outcomes by building consensus across government, regulators, industry and all parties involved in the process. The IEC pledges to continue to provide effective solutions to combat climate change and mitigate its consequences, by publishing consensus-based International Standards and providing certification by the members of the IEC Conformity Assessment Systems.



New subject areas in the Dutch (Belgian) part of Electropedia



The terms of subject areas 195 (Earthing and protection against electric shock) have now been published in Dutch (Belgian) in Electropedia.

Thanks a lot to the Experts of CEB-BEC 64 and CEB-BEC 1 who have contributed to this work that is of great value to the Dutch-speaking electrotechnical community.

[Discover area 195 in Electropedia.](#)

Useful information and links – monthly update

We take advantage of the publication of our letter to provide you some useful links. These are links to news, congresses, reports, etc... These links can also be found on our [Collaboration Platform](#). Feel free to send us useful links so that we can share them with other experts. You can send this information to François Rummens: francois.rummens@ceb-bec.be.

- **Circular Economy Action Plan: For a cleaner and more competitive Europe**

There is only one planet Earth, yet by 2050, the world will be consuming as if there were three. The linear pattern of “take-make-use-dispose” is not acceptable anymore. The transition to the circular economy will be systemic, deep and transformative, in the EU and beyond.

The EU (2020) [Circular Economy Action Plan](#) provides a future-oriented agenda for achieving a cleaner and more competitive Europe.

It aims at accelerating the transformational change required by the European Green Deal.

The plan presents a set of interrelated initiatives to establish a strong and coherent product policy framework that will make sustainable products, services and business models the norm.

This product policy framework will be progressively rolled out, while key product value chains will be addressed as a matter of priority.



BEC's upcoming meetings

CEB-BEC 23B - Plugs, socket-outlets and switches - December 9, 2021

CEB-BEC 34 - Lamps and related equipment - December 9, 2021

CEB-BEC 73 - Short-circuits currents - December 10, 2021 (WG DC meeting)
CEB-BEC 73 - Short-circuits currents - December 13, 2021
CEB-BEC SMB-BE - Technical standardization management committee - December 16, 2021
CEB-BEC 79/WG1 - Alarm systems - December 16, 2021
CEB-BEC INCERT - Trademark - December 20, 2021
CEB-BEC INCERT - Building - December 20, 2021
CEB-BEC 1 - Terminology - December 22, 2021
CEB-BEC 61 - Safety of household and similar electrical appliances - January 11, 2022
CEB-BEC 68 - Magnetic alloys and steels - January 19, 2022
CEB-BEC 125 - Personal e-Transporters (PeTs) - January 17, 2022
CEB-BEC SMB-BE - Technical standardization management committee - February 2, 2022
CEB-BEC 65 - Industrial-process measurement and control - February 11, 2022
CEB-BEC 44 - Safety of machinery - Electrotechnical aspects - February 11, 2022
CEB-BEC 1 - Terminology - February 14, 2022
CEB-BEC 45 - Nuclear instrumentation - February 14, 2022
CEB-BEC 34 - Lamps and related equipment - February 16, 2022
CEB-BEC INCERT - WG2 Strategy - February 17, 2022
CEB-BEC 38 - Instrument transformers - February 23, 2022
CEB-BEC 7 - Overhead electrical conductors - February 23, 2022

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