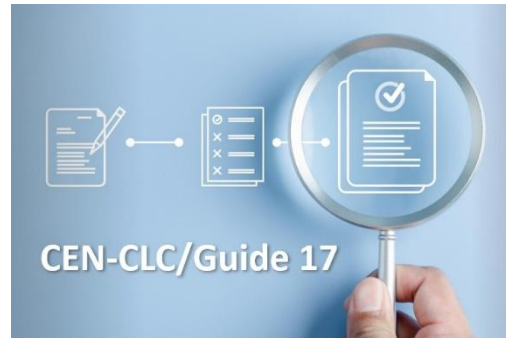


Newsletter November 2025

Reminder: Training Session on CEN-CLC/Guide 17 – Writing Standards with SMEs in Mind

 **Date:** 9 December 2025
 **Time:** 10:00 – 12:00
 **Format:** Hybrid (Teams & BEC offices)

[For more information and participation click here](#)



IEC TC 125 (“e-Transporter”) Working Groups and Plenary meetings - Shanghai, Fall 2025



From [World Standards Day](#) on the 14th of October 2025 to 16 October 2025, SEARI (Shanghai Electrical Apparatus Research Institute) hosted the Fall IEC [TC 125 \(“e-Transporter”\)](#) Working Groups and Plenary meetings in Shanghai.

The event was followed by an International Symposium on e-Transporters Standardization and Embodied Intelligence. Belgium holds the

secretariat of IEC TC 125 and by this channel supports the deployment of safe and green micromobility.

The scope of IEC TC 125 covers devices like electrical kick scooters, hoverboard self-balancing scooters, etc. but also cargo e-transporters.

Autonomous cargo e-transporters are a very hot topic in the context of labour (drivers) shortages and ecological transition (last miles green logistics).

General safety and performance requirements of e-Transporters are addressed by [WG 1](#) and [WG 4](#), while [WG 6](#) is specific for autonomous e-Transporters safety. EMC requirements and Interface aspects (trajectory cloud computing ...) are the focus of [WG 9](#) and [WG 10](#) respectively.

TC 125 is a relatively young TC and good collaboration with other regional or international technical committees is of outmost importance to best serve standards users. Two examples of such collaboration are:

- [ahG 8](#), which makes the link with European developments (battery regulation related standards, CEN TC 354 WG 4 deliverables, etc ...).
- [JWG84](#), which writes standard(s) covering safety aspects of batteries for light electric vehicles and others if needed. The expertise of IEC TC21 (Secondary cells and batteries), IEC TC125 (e-Transporters) and ISO TC149 (Cycles) is combined in this Joint Working Group.



Mr. Bram Rotthier (IEC TC 125 secretary) and Mr. François Rummens (IEC TC 125 assistant secretary) made an intervention during the symposium following IEC TC 125 WG and plenary meetings, demonstrating Belgian commitment to promote IEC TC 125 work.

In his lecture “IEC/TC 125 International standards: Enabling an Innovative and Sustainable Future”, Mr. Rummens provided a global picture of IEC TC 125 work in the frame of green micromobility and last miles logistics.

Mr. Rotthier gave an introduction to the

European regulatory framework for light electric vehicles, discussing not only the technical legislation but also the terms of use for e-scooters in the various European member states.



(Speaker left picture: Mr. Bram Rotthier – Head of Energy Technology Department at Odisee university of applied sciences and Technical director LEVA-EU and speaker right picture: Mr. François Rummens – BEC Technical officer)

Connecting Science, Sustainability, and Standards: Meet Beatriz



Since childhood, Beatriz has been fascinated by how science and technology can help us live more sustainably. Over time, that curiosity grew into a passion for innovation: understanding how materials and processes can be reimagined to support both environmental and societal progress. Having lived in Spain, Belgium, and the USA, she has learned that diversity in perspectives and collaboration across disciplines are key to solving today’s global challenges. Whether in a research lab, at a project meeting, or behind a camera lens, I am driven by the same goal: to connect ideas, people, and technologies in meaningful ways.

Inside Beatriz’s Professional World

After being graduated as an ir. (ingénieur civil) from the École Polytechnique de Bruxelles with a focus on materials science and chemical engineering, she embarked on a research journey centered on photocatalytic semiconductor materials for carbon capture and utilization (CCU) and solar-driven CO₂ conversion.

As a PhD researcher at Vrije Universiteit Brussel, and later as an associate researcher at Stanford University, she developed materials for next-generation clean energy technologies and presented her work internationally. Through these experiences, she collaborated with both academic and industrial partners, exploring the bridge between scientific innovation and industrial application.

Before joining the Belgian Electrotechnical Committee (BEC), she also gained hands-on experience at Toyota Motor Europe and in materials certification laboratories such as INESCOP, where she learned the importance of standards, process reliability, and sustainability in industrial innovation. She

became deeply familiar with conformity assessment processes, including the testing and certification of materials and products to ensure compliance with ISO and national standards. These experiences highlighted how rigorous conformity assessment is essential for quality, safety, and trust, while enabling innovation within a structured, reliable framework.

She joined the BEC to contribute to the development of standards that support the EU's green and digital transition. For her, standards are not just technical documents, they are a shared foundation that ensures progress is both innovative and responsible.

Beatriz through a few questions...

Do you have any hidden talents or hobbies?

"I am passionate about adventure sports: trekking and surfing have been part of my life since I was 13, when I first learned to surf on the French Atlantic coast. I also love photography, especially taking portraits of friends and family during my travels."

What makes you get up in the morning?

"The excitement of learning something new and working on projects that contribute to a more sustainable and connected world."

What is your greatest personal and professional achievement?

"Professionally, securing competitive EU research funding and presenting my work across Europe and the US has been deeply rewarding. Personally, I am proud of maintaining balance in my life, pursuing a career as an engineer, advancing my business studies, spending time with my loved ones, practicing sports, and nurturing creative passions like photography."

What is the best book you have read recently?

"I have recently been reading the poetic novels of Yasushi Inoue, whose work captures the quiet beauty of reflection and impermanence. I also love 'Fahrenheit 451' by Ray Bradbury, a timeless reminder of the power of knowledge, imagination, and free thought."

What animal would you consider your spirit animal?

"A dolphin: curious, communicative, and happiest when part of a team."

What is your favorite food?

"Coming from Spain, I have always loved the fresh flavors and hearty simplicity of Spanish dishes. I also have a soft spot for Thai cuisine, as it fascinates me with its vibrant balance of freshness and spice, especially in seafood dishes."

What is your biggest frustration?

"That there is never enough time to explore every idea, place, or story that sparks my curiosity."

What do you do in your free time?

"I love being outdoors, whether it is hiking, surfing, or capturing moments through my camera. I also enjoy reading, discovering new cultures, and exploring new destinations whenever I can."

When you were a kid, what did you want to be when you grew up?

"I dreamed of becoming an engineer or a pilot, someone who could explore, solve problems, and build things that make a difference."

What inspires you?

"I am inspired by people who blend science, creativity, and empathy: those who innovate not just for progress, but for purpose."



We are pleased to welcome Beatriz to the BEC; she can be reached at beatriz.delafuente@ceb-bec.be

From Technical Challenges to Global Standards: Rob's Story

Rob has been fascinated by the "technical" world since an early age and has striven to understand how and why things work the way they do (or why they don't). He loves taking complex technical issues and explaining them in an accessible way to mixed audiences, but he doesn't like writing about himself.



Inside Rob's Professional World

As an experienced, multidisciplinary electrotechnical engineer with some demonstrable, empathetic, people management skills which were developed in an international environment, he has been fortunate enough to work in multiple countries for 3 different international companies.

He's considered highly communicative, both verbally and in writing and he generally has good presentation skills in front of audiences from 2 to 500 people. There is a history of achievement in the development of both mechanical and electrical connectors, terminations and other connectivity products from R&D and Product Management perspectives.

His industrial experience is allied with long service in standardization as a CENELEC secretary, a member of multiple committees, a committee chair and a document editor and he regards involvement in standardization as an essential part of "giving back".

Rob through a few questions...

Do you have any hidden talents or hobbies?

"I'm a qualified skipper/navigator for both coastal and inland boating and a good cook."



What makes you get up in the morning?

"I'm driven by a need to understand things so curiosity gets me out of bed."

What is your greatest personal and professional achievement?

"Personally, I'm proud of my 3 kids who are contributing to the world as fully functional adults with children of their own. Professionally, I'm proud of the young engineers I've trained, coached or mentored and my status as a Fellow of the IET."

What is the best book you have read recently?

"In fiction I'm currently enjoying the 'Thursday Murder Club' series of books by Richard Osman. In terms of non-fiction 'The Man who Invented the Twentieth Century' by Robert Lomas."

What animal would you consider your spirit animal?

"A dog - unconditionally loyal to those who deserve loyalty."

What is your favorite food?

"Anything with a 'kick' Tex-Mex, Thai but especially Indian food - I'm capable of making a good Lamb Jalfrezi and Chana Masala."

What is your biggest frustration?

"After 3 rounds of back surgery I'm not as flexible and mobile as I would like."

What do you do in your free time?

"Walking, cycling, boating & currently moving apartments, so assembling a lot of furniture."

When you were a kid, what did you want to be when you grew up?

"An Officer in the Royal Engineers."

What inspires you?

"The Victorian "Hero" engineers who simply did things that had never been done before."

We are pleased to welcome Rob to the BEC; he can be reached at rob.cardigan@ceb-bec.be

Electronic Invoicing via Peppol

In light of the mandatory electronic invoicing in Belgium from 1 January 2026, we would like to inform you that our company is already active on the Peppol network.

We encourage all our partners to use the Peppol network wherever possible for smooth and compliant document exchange.

For any questions, please contact us at centraloffice@ceb-bec.be

Technical Committees - Upcoming Meetings**Technical Committees - Upcoming Meetings**

<u>Technical Committee</u>	<u>Date</u>	<u>Technical Officer</u>
CEB-BEC 56	2025.11.12	Vinckx Luc
CEB-BEC INCERT VEHICLES	2025.11.13	Vermeulen Sabine
CEB-BEC 88	2025.11.18	Rummens François
CEB-BEC INCERT MARK COMMITTEE	2025.11.18	Vermeulen Sabine
CEB-BEC 32	2025.11.19	Rummens François
CEB-BEC 108	2025.11.20	Eswaran Anirudh
CEB-BEC 106	2025.11.23	Eswaran Anirudh
CEB-BEC 77	2025.11.24	Eswaran Anirudh
CEB-BEC 210	2025.11.24	Eswaran Anirudh
CEB-BEC 61	2025.11.24	Eswaran Anirudh
CEB-BEC CISPR	2025.11.24	Eswaran Anirudh

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