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NEW CDIO MEMBER

The regional leaders have reported several ongoing discussions with potential new universities willing to join the CDIO community. After our previous newsletter the CDIO council has accepted one new university as member of the worldwide CDIO initiative. The new member is

[INSA Toulouse, France](#)

They had their presentation in Porto during the Europe and UK&Ireland regional meeting.

The CDIO community warmly welcomes INSA Toulouse to the CDIO initiative!

HIGHLIGHTS FROM THE EUROPE AND UK & IRELAND REGIONAL MEETING

The Europe and UK & Ireland Regional Meeting 2025 was hosted by ISEP – Instituto Superior de Engenharia do Porto, in Porto, Portugal, on 13th and 14th of January 2025.

54 delegates from 25 institutions attended the two-day meeting, that included presentations, introductory workshops, shared experiences and workshops. Activities also included a boat dinner and tour in Douro river.

Some of the covered topics were sustainability, inclusion and gender equality, and the impact of AI. Internal work advanced on the topics of curriculum agility and the future of CDIO.



Keynote speech on sustainability at ISEP – Roque Brandão (ISEP)



ENAAE President (Jose Quadrado) talking about learning sustainability

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A very beautiful city and an excellent scenario for the meeting dinner



Boat dinner



Workshop on the Future of CDIO



Closing meeting

UPDATES ON THE INTERNATIONAL CDIO CONFERENCE IN MELBOURNE

We are pleased to announce that the **21st CDIO International Conference** will take place from **June 2 to 5, 2025**, in **Melbourne, Australia**. Hosted by **Monash University**, this year's conference centres on the theme: **"Forging Connections: Synergies for a Sustainable Future."**

Registration is Now Open!

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We warmly invite educators, researchers, industry professionals, and students to join us in exploring innovative approaches that are shaping the future of engineering education. The conference will feature a diverse range of sessions, including podium presentations, poster sessions, workshops, working groups, and roundtable discussions.

CDIO Academy: Calling All Students!

A highlight of CDIO 2025 is the **CDIO Academy**, which offers students a unique platform to engage, collaborate, and showcase their talents. We encourage students from around the globe to register and take part in this exciting experience.

Paper Review Update

The **review process is nearly complete**, and as planned, authors will receive their feedback by **March 10, 2025**. This allows ample time for revisions, with final resubmissions due by **April 7, 2025**. We appreciate the time and effort from both authors and reviewers in ensuring the high quality of contributions to the conference.

Experience Melbourne – A Winter that Warms the Heart

While Melbourne in June means crisp air and cooler temperatures, the city offers plenty to make your visit enjoyable:

- **Food & Coffee Culture** ☕ – From laneway cafés to award-winning restaurants, Melbourne's food scene is an experience
- **Arts & Culture** 🎨 – Explore museums, galleries, and live performances that reflect the city's creative spirit
- **Laneway Adventures** 🗺️ – Wander through the famous street art alleys and discover boutique shops and hidden bars
- **Warm Connections** 🔥 – Whether it is over a meal, a networking event, or a workshop, there will be plenty of opportunities to exchange ideas in a warm and welcoming atmosphere.

For more information and to **register for the conference**, please visit our official website: cdio2025.com.au

We look forward to welcoming you to **Melbourne for a rewarding and inspiring CDIO 2025 Conference!** 🌍 ✨

WELCOME TO THE ASIAN REGIONAL MEETING IN BATAM!

Theme: Navigating Technological Advancements: The Role of AI in Higher Education

Politeknik Negeri Batam (Polibatam) is proud to host the **CDIO Asian Regional Meeting (ARM) 2025**, set to take place from **August 18-21, 2025**. This gathering will bring together CDIO practitioners and institutional leaders from across Asia, fostering collaboration to advance engineering education through the CDIO framework. With a focus on AI's evolving role in higher education, the event will serve as a key platform for sharing best practices, driving innovation, and strengthening regional partnerships.

As a manufacturing and technology hub, Batam provides a dynamic setting for CDIO ARM 2025. The program will feature keynote addresses, panel discussions, hands-on workshops, and institutional showcases, highlighting how CDIO-based approaches are preparing students for the challenges of an AI-driven future. A CDIO Introductory session will also be held for new and prospective members, offering insights into implementing the framework effectively.

A significant highlight of this year's event is its synergy with the **PBL Expo 2025 @ Polibatam**, an exhibition of Project-Based Learning (PBL) outcomes. This parallel event will offer a unique opportunity to witness CDIO in action, as students and faculty present innovative, real-world solutions developed through interdisciplinary collaboration and industry partnerships. Additionally, participants will have the chance to engage in industry visits, providing firsthand exposure to how PBL principles align with industry needs.

As the only Indonesian institution recognized as a CDIO Collaborator, Polibatam is dedicated to expanding CDIO adoption nationwide, aiming to engage 25 polytechnic institutions that have participated in previous workshops. Beyond professional

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learning, attendees can also look forward to networking sessions, a hosted lunch, and a formal banquet dinner, creating opportunities to build meaningful connections within the CDIO community.

We invite CDIO institutions and educators across Asia to join us in Batam for this milestone event, shaping the future of engineering education in the era of AI.

Stay tuned for more updates, and we look forward to welcoming you to CDIO ARM 2025 @ Polibatam!

For more information, visit: <https://cdio2025arm.polibatam.ac.id/>



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WELCOME TO THE INTERNATIONAL WORKING MEETING IN LINKÖPING!

The 2025 CDIO International Working Meeting will be held at Linköping University, Sweden. The meeting dates are 22nd October to 23rd October.



The purpose of the working meeting is to, via joint efforts, bring the CDIO Initiative and the CDIO framework forward. We will also pay attention to the fact that it is 25 years since the first meeting of the CDIO Initiative.

CALL FOR 2027 HOST OF THE INTERNATIONAL CDIO CONFERENCE!

Call for 2027 conference host has been sent to all contact persons of CDIO member institutions. We invited proposals for hosting the **Online International CDIO conference 2027** that will take place in June 2027.

We are inviting proposals for **fully online conference**. The proposal may come from one university, but we encourage two or more universities to provide a joint proposal to cover different regions and time zones. The organizer may build supporting activities onsite too, but the conference is fully online.

The organizer of 2027 conference will be decided in the council meeting at CDIO International conference in June 2025.

The proposal submission deadline is **May 15, 2025**, and the proposals should be sent to either one of the CDIO Co-Directors (Helene_Leong@sp.edu.sg, Juha.Kontio@turkuamk.fi). You can contact us with any questions relating to this matter such as the format and content of the proposal.

CALL FOR 2026 HOST OF THE INTERNATIONAL WORKING MEETING!

Call for 2026 international working meeting has been sent to all contact persons of CDIO member institutions too. We invite proposals for hosting the **International working meeting** taking place in late Autumn 2026.

In the International CDIO working meeting, different CDIO tasks and activities are worked on. Typically, the topics are related to the CDIO activity plan, but other important themes can be worked on as well. For example, some CDIO topic important at your university currently.

The proposal submission deadline is **May 15, 2025** and the proposals should be sent to either one of the CDIO co-directors (Helene_Leong@sp.edu.sg, Juha.Kontio@turkuamk.fi). You can contact us with any questions relating to this matter too.

FUTURE MEETINGS

The CDIO council decided that 22nd CDIO conference will be held hosted by the University of Liverpool in 2026. Following future CDIO meetings have been agreed too. List of future meetings is available at the CDIO Website as well.

Meeting	Place	Date
UK & Ireland regional meeting	Hertfordshire, UK	April 24, 2025
<u>The 21st International CDIO conference</u>	Melbourne, Australia	June 2 – June 5, 2025
<u>The CDIO Asian regional meeting</u>	Batam, Indonesia	August 18 – August 21, 2025
<u>2025 CDIO International Working Meeting</u>	Linköping, Sweden	October 22, 2025 - October 23, 2025
The 22nd International CDIO conference	Liverpool, UK	June 22 – June 26, 2026

CDIO ACTIVITY PLAN FOR 2025 - STATUS

The CDIO council agrees on an annual activity plan for promoting CDIO activities. This year’s activity plan was discussed and agreed in the international working meeting in Singapore in September 2024. The activity plan continues to have two parts:

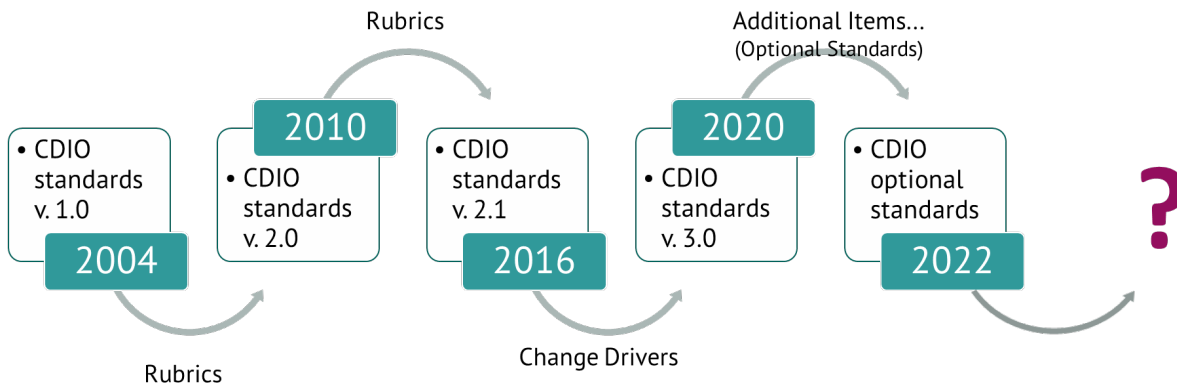
- CDIO as Framework, Community – related activities
- On-going activities in CDIO.

The activities are worked typically during the CDIO meetings as round tables, workshops, working groups and paper presentations. The European and UK&Ireland regional meeting in Porto focused some of the activities and some activities will take place during the upcoming conference in Melbourne. Some of the activities and their statuses are listed below:

- Standards of the future
 - CDIO standards and optional standards are key resources of CDIO framework. There has been a lot of discussion on these and many workshops, round tables etc. have been arranged. These activities have shifted the work from standards to broader topic with working title Future of CDIO – working towards 4.0. Around this theme a working group and a round table has been proposed to Melbourne conference.
- Introductory/refresh workshops and sessions for newcomers
 - First run with new introductory materials and format will happen at Melbourne conference.
- Conference and events development
 - We have a general handbook for CDIO events that helps the hosts to plan the events. This activity discusses about the conference & events formats and ideas altogether. Due to the decision to alternate onsite and online conferences from 2027 the general handbook needs to be updated accordingly.

Along the theme Future of CDIO workshop was organized in Porto. This workshop discussed current state and challenges as well as the future of CDIO. This work looked at the development path of CDIO standards for example and identified ongoing and past discussion too:

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Furthermore, there seems to be a need to communicate the CDIO standards differently. For example, present them as groups around their themes or add some organizational and periodic quality development elements identified in the curriculum agility work.

Good practice and quality development

CDIO Standards

Program philosophy

1. The context

Curriculum development

2. Learning outcomes
3. Integrated curriculum
4. Introduction to engineering

Experiences & workspaces

5. Design-Implement experiences
6. Engineering workspaces

Developing & establishing new teaching-learning approaches

7. Integrated learning experiences
8. Active learning

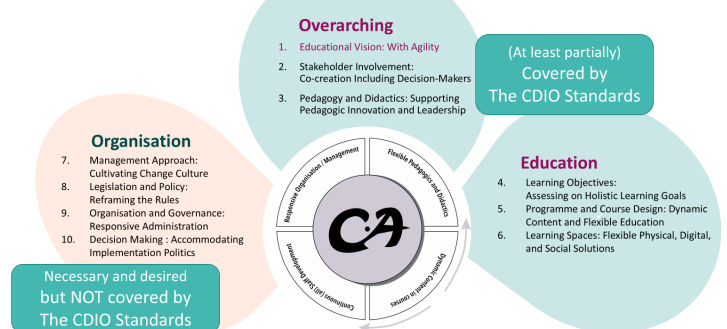
Faculty development

9. Enhancement of faculty competence
10. Enhancement of faculty teaching competence

Assessment & Evaluation

11. Learning assessment
12. Program evaluation

The Principles of Curriculum Agility



The two latest themes in CDIO as Framework, Community – related activities are Faculty development and Assessment. These themes are still in a starting phase and any interested CDIO collaborators are welcome to contact CDIO co-directors on their interest to contribute to either of these topics.

The four ongoing activities are currently listed in the activity plan: Peer-to-peer support, Curriculum agility, CDIO Technician Network and Continuous education for Engineers. All these activities are progressing and for example Peer-to-Peer support will be present in Melbourne with different conference activities. Furthermore, Continuous education for Engineers has already agreed to be one topic at the international working meeting in Linköping.

CDIO LEADERS ONLINE MEETINGS IN SPRING 2025

The CDIO leaders (CDIO contacts persons from each member university) have online meetings to discuss current topics in CDIO community/organization. The following dates were agreed for Spring 2025 with preliminary topics listed:

- 2.4. Conference update, Action plan reflection, Regional reports
- 13.5. Pre-conference **activity** (working groups)

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CDIO ELECTIONS 2025

The CDIO Initiative is supervised by the CDIO Council formed by the regional leaders (one vote/region), 6 Members-at-Large and 2 Co-directors. An individual may hold a CDIO Council post for a maximum of three periods (i.e., three, three-year terms) with an overlap between periods to ensure continuity. Co-director posts may be held for a maximum of three two-year periods. Co-directors should be from different geographic regions.

The open CDIO Council positions are filled via elections at the CDIO Annual conference. In Melbourne conference, 2 members at large for 2025 – 2028, and 1 Co-director for 2025-2027 are elected.

A call for candidates will be sent out to CDIO leaders soon and we hope for a broad representation among candidates. The closing date for nominations will be May 18th, 2025.

Category	Name
Co-directors	Helene Leong (3 term served) → New Co-director (2025-2027) Juha Kontio , Turku University of Applied Sciences (2022 – 2024, 2024-2026)
Regional leaders	Africa Lamjed Bettaieb , ESPRIT
	Asia Sin Moh Cheah Singapore Polytechnic (2022-2026), Tan Nhat TRAN Duy Tan University (2023-2025), Aileen Amora-Sieras University of Science and Technology of Southern Philippines (2024-2027)
	Australia & New Zealand Nicoleta Maynard , Monash University
	Europe Angelo Martins , ISEP Porto, Reidar Lyng , NTNU Trondheim, Suzanne Brink , Umeå University
	Latin America Patricio Cea Echeverría , Universidad Católica de la Santísima Concepción, Messias Borges Silva , Universidade Estadual Paulista Júlio de Mesquita Filho-UNESP
	North America Sami Ammar , Polytechnique Montreal, Ron Hugo , University of Calgary
	UK & Ireland Paul Hermon , Queen's U Belfast (2024), Thomas Baker , Hertfordshire University (2025), Tony Topping , Liverpool University (2026)
	Members-at-large