VALUE OF BEING IN CDIO - YOUR EXPECTATIONS ON CDIO?

Juha Kontio

Faculty of Engineering and Business, Turku University of Applied Sciences

Helene Leong

Department of Educational Development, Singapore Polytechnic

OVERVIEW OF THE ROUNDTABLE

This roundtable focuses on the value of being in CDIO from the viewpoint of current and potential CDIO collaborators. We try to identify the rationale of working with CDIO, how we can improve the CDIO initiative, and how to keep it valuable for our collaborators. It is essential that we understand what people expect that CDIO initiative, framework, community etc. should enable to keep itself interesting and valuable. Furthermore, we try to find possible steps that CDIO could take to continuously develop and attract institutions to work in CDIO.

Welcome to join the discussions and share your thoughts to make CDIO better, sustainable and relevant for you.

KEYWORDS

CDIO membership, Value, Expectations on CDIO, Standards: all

ACTIVITIES

Activity 1: Your reasons to be in CDIO?
The participants will discuss on their rationale to be in CDIO community, and they are asked to identify the key features they value in CDIO.

The theme has already been discussed in the CDIO international working meeting in Turku in November 2022. Based on the discussions three broader reasons for being in CDIO were The Framework, Share and Learn opportunities and Network and people. With *The Framework* the participants referred to updated CDIO standards and CDIO Syllabus. With *Share and Learn* they referred to things such as opportunities to learn from experienced people, to leverage the expertise of collaborators at other institutions to guide positive change at home, the dissemination of development work and benchmarking, staying up-to-date. Finally, *Network and People* is about meeting old and getting new contacts, Engaging & friendly community of practice, many potential collaboration opportunities and international engagement and visibility.

Activity 2. Possible obstacles to active participation in CDIO activities?
The participants will discuss on possible obstacles to active participation in CDIO activities. Based on the identified obstacles we try to identify possible actions to overcome these obstacles.

The theme was partly referenced in the Turku meeting. The participants mentioned for example the need to overcome financial / priority issues to allow more people to attend CDIO conferences

Activity 3: How to keep CDIO interesting after x years of activities?
The participants will discuss on their expectations towards CDIO and how the keep CDIO interesting to work with in the future as well. The discussion will also work on possible actions for the CDIO community to develop the initiative.

This theme was discussed in the Turku meeting too. The ideas presented followed the broad reasons on being in CDIO. The value of CDIO should be better communicated, for example, by focusing on three pillars: standards, syllabus and community. At the same time, we need to keep in mind that we need to continuously develop them both in contents as well as structures. In addition, it is essential that we provide support for internal newcomers too to get into CDIO for example with introductory workshops and other pedagogics courses. We need to emphasize the possibility to work with other members and collaborators on potential projects for example in Working Groups. We need to engage CDIO community to keep sustainable and sharing practice too. Furthermore, we need to engage industry and promote continuous improvement and agility of CDIO initiative.

TARGET AUDIENCE

This roundtable is for all current and potential CDIO members interested in improving the value, effectiveness, and relevance of the CDIO initiative.

FOLLOW-UPS

Follow-up 1: The results of the tables and earlier results from Turku working meeting are summarized and discussed in CDIO collaborators meetings.

Follow-up 2: Possible activities and working groups will be initiated based on these discussions and added to the CDIO activity plan.

BIOGRAPHICAL INFORMATION

Juha Kontio is a Doctor of Sciences in Economics and Business Administration. He received the M.Sc. degree in Computer Science from the University of Jyväskylä in 1991 and the D.Sc. degree in Information Systems from Turku School of Economics in 2004. At the moment he is the Dean of the Faculty of Engineering and Business at Turku University of Applied Sciences. His research interest is in higher education-related topics. He is currently the co-chair of the CDIO council and former co-leader of the European CDIO region.

Helene Leong is the Director of the Educational Development Department at Singapore Polytechnic. She and her team lead educational initiatives and professional development which focuses on CDIO, Flipped Learning, Self-directed Learning and Analytics in Education in the polytechnic. She is currently the co-chair of the CDIO council and regional co-leader of the Asian region.

Corresponding author

Juha Kontio
Turku University of Applied Sciences
Faculty of Engineering and Business
Joukahaisenkatu 3, 20520 Turku
FINLAND
juha.kontio@turkuamk.fi