

Workshop outline

WAVES OF REFORM – ANALYSING A HISTORY OF EDUCATIONAL DEVELOPMENT CONCEPTS

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BACKGROUND

Luleå University of Technology (LTU) joined the CDIO Initiative in 2015, and a pilot project involving four engineering programs is now well underway. It strikes us as interesting that this happens now, as LTU could obviously have joined CDIO at least a decade earlier. To understand the internal processes leading to this outcome, we studied documents and consulted with key persons. In our paper (number 28), the history of reform approaches at LTU is described and analysed. We find a succession of reform concepts. The Arena concept appears to have kept LTU from joining CDIO. The Pedagogical Idea is compatible with CDIO and eventually led to the adoption. Reflecting critically on the lessons learned from the LTU case, and drawing on theory and literature, we consider what can support or hinder the adoption of an educational reform concept in the organisation. Some factors concern the nature of the reform and the strategies of implementation. Other factors can be attributed to the environment, including what other universities do.

WORKSHOP AGENDA

Introductions of participants

The story of Luleå University of Technology (15 minutes)

Share your stories in groups – topics for discussion:

- How did the decision come about to join?
- What educational development was dominant in the time “before CDIO”?
- What was the internal background for your institution to join CDIO?
- What were the characteristics of the CDIO Approach that were particularly attractive to your institution?
- Who were the champions for CDIO and what alternatives were there?
- What is the outlook in the future regarding the continued support for implementing CDIO?

Plenary (total 15 minutes)

Each group selects one story to tell briefly, or choose a common theme to discuss. Make it short and interesting!