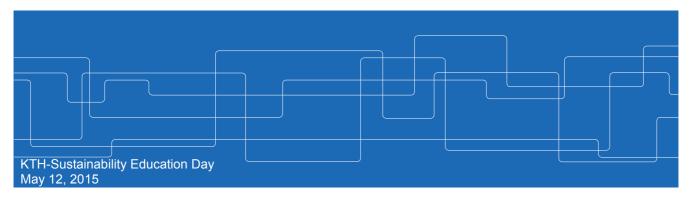


Education and Sustainable Development at KTH

Per Berglund, Professor, Vice Dean of Faculty *Responsible for Educational Structure and Content*





President's Group





Per – What is he doing?

https://www.kth.se/en/om/organisation/kth-s-ledning-1.15618



Per Berglund Vice Dean of Faculty Responsible for educational structure and content

- Chair of the Education Committee
- Programme structure
- Pedagogical development
- Dimensioning of educational programmes
- Third-cycle (doctoral) studies
- Continuing professional development

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From KTH's Strategic Plan 2013-2016

KTH aims to take a leading role in pedagogical development of relevance for engineering education and teacher education.



Educational development to be a natural part of KTHs core business and each teacher's career

This development within KTH shall be supported by an established research environment in Engineering education.

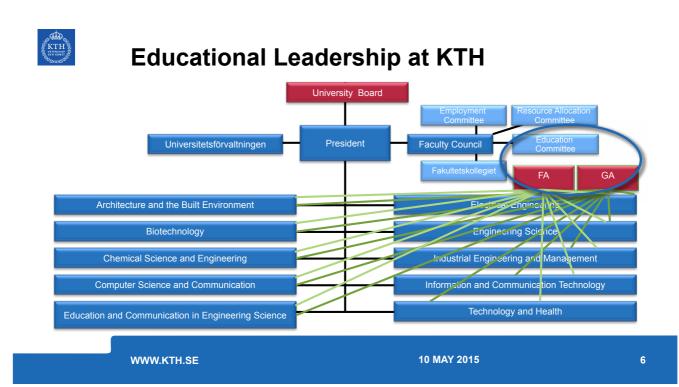
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Internal evaluations for quality enhancement







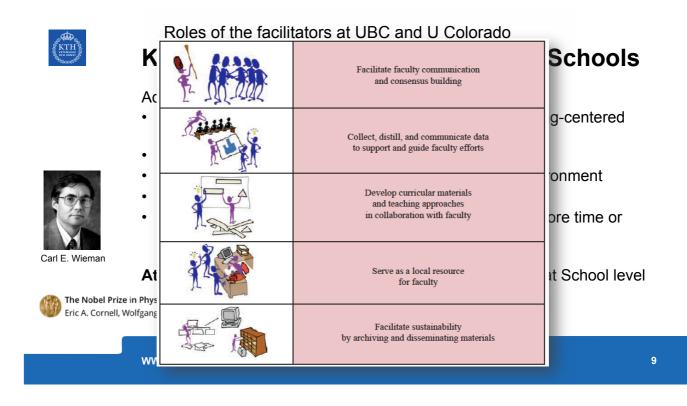
KTH is a programme university





On-going developments

- Educational program development (sustainability focus)
 - Support at ECE
 - CDIO syllabus
 - Learning outcomes
- E-learning as a complement to campus-based education
- · Pedagogical program/guidelines
- Pedagogical developers at the schools (~23 teachers)
 - By far the largest effort (10 million SEK)
 - Teaching and learning in focus





Educational Developers at the Schools

Goal: "to stimulate and facilitate for the teaching staff, teaching teams and programs to manage and implement educational development"

Task to the ECE school:

- Develop the concept
- Act as process support
- Provide pedagogical expertise
- Project leaders: Ann-Sofie Henriksson & Dan Borglund

Reports to the Education Committee

(President's decision UF-2013/0361)

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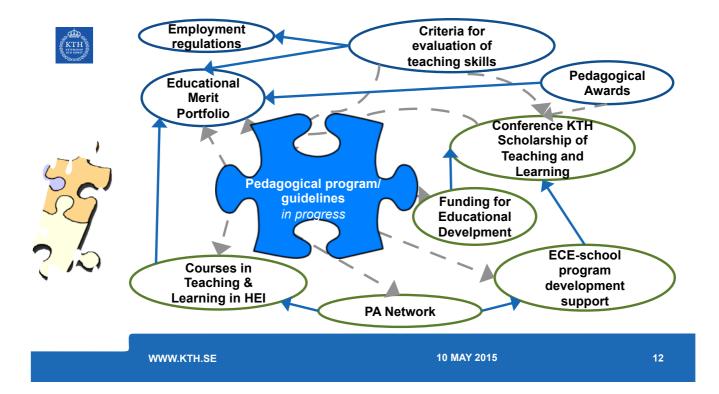


Tasks for the developers at KTH

Together with teachers, PA, GA...:

- Create communities of practice to stimulate dialogue around learning and development
- Create possibilities to develop learning environments at KTH aiming at higher quality in student learning and performance/through put
- Act to scientifically document and share educational development at KTH through conferences and journals (scholarship of teaching and learning)







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