

# Master's programmes' portfolio renewal

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# Update on developments

## Since the previous 'Meet the Dean' event

- Cluster heads appointed
- Stakeholder meetings held with external stakeholders

## Plan for the rest of the year

- Upcoming internal events
- Your participation is key

# Cluster heads nominated

- **Biomass refining and advanced lignocellulosic materials**
  - ❖ Eero Kontturi
- **Molecular bioscience and Industrial biotechnology**
  - ❖ Alexander Frey
- **Chemical and metallurgical engineering (N.B. new name)**
  - ❖ Marjatta Louhi-Kultanen
- **Chemistry and materials science (N.B. new name)**
  - ❖ Kari Laasonen



# External stakeholder events

- Events held 23.9. and 30.9. with external industry representatives and internal key academic staff
- Purpose of these meetings was to identify:
  - Future developments of chemical engineering industries
  - Future skillsets and core competencies needed in chemical engineering

# External stakeholder events: Feedback and conclusions

- Major future developments:
  - Circular economy and energy-related questions
  - Digitalisation will evolve further
- Ideal future graduate has strong core engineering, leadership and communications skills
- Problem-solving and openness to life-wide learning will help graduates tackle new challenges

# Rest of the year: project schedule

## October: establishing the groundwork for the new programme structure

- Discussions in clusters should continue
  - Please get in touch with your Cluster Leader to participate
- Developing the curriculum structure further in internal curriculum workshops (21.10. – note: school holidays' week) -> **4.11. only?**
  - Please attend to discuss and reach consensus on project constraints, guiding principles and support needed
- Launch of a CHEM portfolio renewal website
- Formation of a Steering Group to direct development work

# Rest of the year: project schedule

## November-December: agreeing on the final structure for the new curriculum

- Discussions of teaching resourcing in departments will continue
- Discussions held and concluded on application targets and the structure of the new programmes (incl. tracks)
- Agreeing on the new curriculum structure at committees
- Working in clusters continues