

IKP Action Plan 2023

Education and learning environment

Introduce/finalize a sustainability-string in IKP courses (i.e., modules, topics in mandatory assignments).

Finalize content in the digitalization (modelling/programming) string in IKP courses.

Evaluate the department's experience with arranging EVU courses.

Evaluate Summer School / Research School to address Sustainable and Circular Chemical Engineering in the Department.

Research

Arrange seminars and apply for FME funding within Circular Chemical Engineering (deadline for project outline 10. May, final application 15. November).

Find temporary locations for lab equipment and offices in K5 before the renovation.

K5 renovation project: Plan transit period, secure work environment, group culture and research activity. Make a plan for PhD candidates that may be affected due to moving (in and out) of K5.

Mobilize and motivate PhDs/Postdocs to be involved in topics related to sustainability.

Encourage visiting first opponents to give guest lectures and motivate for sustainability in the trial lectures.

Innovation

Establish industry networks within Circular Chemical Engineering.

Establish guidelines for evaluation of commercial potential from ideas at the Department (in light of the change of NTNU TTO's role).

Cooperation between IKP and the Industry:

1. Increase the number of adjunct professors from the industry.
 2. Encourage industrial partners to apply for industrial PhDs.
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Dissemination and recruitment of students

Furter develop IKPs webpages with sustainability topics, with focus on applications.

Motivate national/European bachelor students to apply to our 2-year master program (MSCHEMBI).

IKP shall participate in recruitment activities like Researchers Night and Kjemidagen. Evaluate how to organize it.

Plan recruitment of international students (outside EU/EØS) to our 2-year master program (MSCHEMBI), due to introduction of tuition fee for international students.

Organizational development, competence development and leadership

Minimize the environmental footprint of the K5 building project and reuse of interior/materials.

Reduce footprint in the operation of the Department, including laboratories.

Implement BOTT ØL and BOTT SAK.

Evaluation of the research groups at IKP:

- Externally by self-evaluation in EVALNAT.
- Internally by discussing structure, composition and size.

Principles and routines for Leiested, in light of introduction of Bookitlab.

Review and update the on-boarding and off-boarding processes.

Evaluate use of home office with regards to working environment and work methods.

Map important work processes in the Administration (project execution, on-/off-boarding, leiested).

HSE

Finalize the HSE e-learning course and establish an e-learning course for handling of gas and gas related topics.

Establish routines for handling of deviations in NTNU's new deviation system (EQS).
Establish routines for sharing information and implementing new procedures/guidelines after handling deviations.

Establish routines to ensure that students and employees are included in «Målrettet helseundersøkelse».

Continue the "Access control project" (IKP is a pilot for the NV faculty).

Follow-up HSE aspects related to the renovation of K5.