

TEAM Bioenergy

Team Bioenergy is one of the newer teams in our family. Raquel Dos Santos is the leader and here is a short presentation of the team and what's on the agenda.



Team Bioenergy was established in the Spring of 2024, so it is one of the most recent teams under NTNU's Strategic Research Area Energy. We currently have 19 members across four different faculties at NTNU: Faculties of Economics, Engineering, Natural Sciences & Information Technology and Electrical Engineering.

Research areas covered by the Team include bioenergy production from biomass, biomass conversion, bio-derived and e-fuels for transportation and energy supply, energy recovery of bio-originated/solid municipal wastes, advanced biofuels and biorefinery concepts, advanced life-cycle assessment (LCA) and sustainability analysis of bio-based systems.

Current activities:

- **Upcoming workshop:** Team Bioenergy teamed up with Sintef Energy and RISE PFI and is organizing a [workshop on Monday 16th March \(9:00 – 12:00\), as part of the NTNU Energy Transition Week 2026, on the topic: “How can Trøndelag become the lighthouse of bioeconomy?”](#). Stay tuned for updates on the program!
- **EU proposal initiatives:** Team Bioenergy members are regularly involved in initiatives for EU proposals, organized by the [European Energy Research Alliance \(EERA\) Joint Programme on Bioenergy](#), in which NTNU is a Full member, and part of the Management Board. NTNU (EPT IndEcol) is currently a partner in the EU project [ICARUS Biojet](#), which consortium originated in EERA JP Bioenergy. NTNU (IØT) is currently a proposal partner for the EU call HORIZON-CL5-2026-02-D3-02 (Competitiveness, energy security and integration aspects of advanced biofuels and renewable fuels of non-biological origin value chains). Together with our EERA JP Bioenergy colleagues, we are also setting up brokerage events for calls within the Horizon Europe Work Programme 2026-2027 (Cluster 5), and Circular Bio-based Europe Joint Undertaking (CBE JU).
- **Position paper:** we recently worked with EERA JP Bioenergy colleagues in defining recommendations for FP10, our position paper is available [here](#).