



Press Release

New EU research cluster targets green hydrogen and renewable fuels from biomass and waste

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Six EU-funded projects are combining expertise in chemical looping and gasification to accelerate the production of green hydrogen and renewable fuels from biomass and waste. The technology they are developing will also enable efficient CO₂ capture.

The projects are forming a collaborative cluster, set to launch formally in May 2026, to connect their complementary approaches and strengthen cooperation. Other EU-funded projects and initiatives working in related fields are welcome to join. Those interested are encouraged to contact the organising team.

While each project addresses a specific technological pathway, they share a common focus: converting biomass and waste-derived feedstocks into valuable products such as hydrogen, syngas, and renewable fuels. The cluster will create a shared platform for workshops, events, and joint outreach to increase the visibility of results and encourage uptake by policymakers, industry, and research communities.

Further details on the cluster's activities will be announced following its official launch.

Participating projects:

[Bio-FlexCLC](#) · [Bio-MeGaFuel](#) · [BioNETzero](#) · [COUPLED](#) · [HYIELD](#) · [PYRAH2](#)

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