



29.09.2025

Dear recipient

With this newsletter we aspire to provide Danish stakeholders access to knowledge from other IEA Bioenergy Task 40 member countries regarding developments in biomass trade, and the emergence and design of efficient value chains for biomass utilisation, particularly in terms of biomass deployment into new markets and sectors.

The newsletter, which is published in both Danish and English, will typically report on relevant activities such as Task 40 meetings, workshops, and publications, with focus on areas of particular interest for Danish stakeholders.

For more information on [IEA Bioenergy](#), the specifics of [Task 40](#), or the various other IEA Bioenergy tasks, please see [issue 1](#) of this newsletter.



EUDP supports the work of individual tasks by paying the IEA Bioenergy task fee, as well as subsidising the work carried out by the Danish country representatives, which for Task 40 is Sara Shapiro-Bengtzen and Christian Bang of Ea Energy Analyses.

New Task 40 publications

Since the last newsletter, several reports have been published with contributions from Task 40, including:

Inter-task project (ITP) Management of biogenic CO₂: BECCUS Phase 2. May 2025: [BECCUS Science & Policy](#). Building on key themes from the BECCUS 1.0 Inter-Task Project, this new report from phase 2.0 of the IEA Bioenergy Inter-Task Project, delves deeper into the carbon accounting and policy dimensions critical to the deployment of Bioenergy with Carbon Capture, Utilisation, and Storage (BECCUS). Drawing on case studies and simulation models, it focuses on three main areas:

- The evolving climate effects of BECCU and BECCS over time,
- International and national policy frameworks, and
- A dynamic life cycle assessment case study.

Inter-task project (ITP) Management of biogenic CO₂: BECCUS Phase 2. May 2025: [Full-scale Waste-to-Energy CCS in Norway](#). This short case study report presents the latest developments regarding the Hafslund Celsio full-scale CCS project at their Klemetsrud WtE plant in Oslo, Norway. The first-of-its-kind project has been initiated in 2015 and has progressed despite numerous challenges. Key lessons learnt include the importance of perseverance, patience, and thorough evaluation.



Bioeconomy Synergies (BioSyn) Initiative 2022-2024. December 2024: [Synergies for bioenergy supply chains in bioeconomy networks](#). This report develops a previously linear value chain perspective into a network-based approach for bioenergy and bioeconomy systems, focusing on key integration dynamics such as resource exchange, efficiency, and resilience. The results of workshops on supply chain risks and cases studies on innovative biorefinery technologies are presented in detail, offering valuable strategies to strengthen system stability. A scientific publication emphasises the importance of the circular bioeconomy and its potential to address climate and societal challenges.

Selected Task 40 events

Webinar on Synergies of renewable hydrogen and biobased value chains deployment: environmental performance and promising value chains. Online, 6 May 2025.

This webinar is part of a webinar series within the IEA Bioenergy Inter-task project Synergies of green hydrogen and bio-based value chains deployment. While the first webinar presented the status of technologies and highlighted selected case studies, this webinar covered the assessment of promising (synergy) value chains. The presentations and the recording of the webinar can be accessed [here](#).

WEBINAR SERIES
SYNERGIES OF RENEWABLE HYDROGEN AND BIOBASED VALUE CHAINS DEPLOYMENT:
ENVIRONMENTAL PERFORMANCE AND PROMISING VALUE CHAINS
Tuesday, 6 May 2025
h 15:00 - 16:30 CEST

Moderator

Martin Junginger
Professor of Biobased Economy,
Utrecht University, Scientific Director,
Copernicus Institute of Sustainable
Development, WPs Leader of the IEA
Bioenergy Inter-task project
Synergies of green hydrogen and
bio-based value chains deployment

Speakers

Richard Kingsley Padi
Postdoctoral Researcher,
Copernicus Institute of
Sustainable Development,
Utrecht University

Andrés Martínez Arce
Researcher at
School of Biological &
Chemical Sciences,
Ryan Institute,
University of Galway

Christiane Hennig
Senior Research Associate,
DBFZ, Lead of IEA Bioenergy
Inter-task project Synergies of
Green Hydrogen & Bio-based
Value chains Deployment,
IEA Bioenergy Task 40 Lead

Webinar on Utilisation and storage of captured biogenic CO₂ - Deployment in selected EU countries. Online, 17 June 2024. The online webinar is part of the Management of Biogenic CO₂: [BECCUS Inter-task Phase 2 project](#).

A number of full-scale BECCUS projects have recently been initiated, with the majority of these projects being focused on CO₂ storage. Just a few years ago, some of the actors involved in these same projects were more focused on potential utilisation of the captured CO₂ rather than storage. Organised by Task 40, the webinar attempts to shed light on the driving factors behind this shift, by focusing on recent BECCUS deployment in Sweden, the Netherlands, and Denmark.



Utilisation and storage of captured biogenic CO₂

Deployment in selected EU countries

David Styles, University of Galway (Ireland)
Karin Pettersson, RISE Research Institutes of Sweden (Sweden)
Jens Fuhrmann, RWE Generation SE (Netherlands)
Christian Bang, Ea Energy Analyses (Denmark)
Christiane Hennig, DBFZ German Biomass Research Centre (Germany)

The presentations and the recording of the event are can be found [here](#).



Start of new Triennium 2025-2027

With Denmark as Co-lead of Task 40 which also has a new name

The new IEA Bioenergy triennium 2025-2027 has officially started, and within Task 40 we are excited to continue working together with Denmark, Germany, the Netherlands, Sweden, the USA, and – for the first time – Switzerland.

The Task has updated and expanded its name to Deployment of **Biogenic Value Chains and Carbon Management**, reflecting a broader focus on sustainable carbon solutions.

The new leadership team consists of Christiane Hennig (DBFZ, Germany) as Task Lead, with Christian Bang and Sara Shapiro-Bengtsen (Ea Energy Analyses, Denmark) serving as Co-Leads.

The photo includes all members gathered at our Kick-off meeting, which took place in Stockholm on 9-10 April 2025.



Newsletter subscription and feedback

One of the main responsibilities for the Danish country representative is to disseminate relevant Task 40 news to Danish stakeholders. Stakeholders are also encouraged to provide feedback to Christian Bang in terms of desired focus areas or developments in the Danish deployment of biobased value chains (see contact details below).

Should you have colleagues or partners who might be interested in receiving this newsletter, you are very welcome to forward [this link](#), where they can sign up.

If you no longer wish to receive this newsletter, please contact Christian Bang at cb@eaea.dk, or via +45 60 39 17 17.