



IEA Bioenergy

Technology Collaboration Programme



# Regional development opportunities based on flexible biomass value networks

TASK 40: Deployment of biobased value chains

Christiane Hennig, DBFZ, Co-Task Leader

Nora Lange, DBFZ, Task Secretary

Fabian Schipfer, TU Wien, Austrian NTL

Birger Kerckow, FNR, Operating Agent

Zoom, 2 November 2022

*The IEA Bioenergy Technology Collaboration Programme (TCP) is organised under the auspices of the International Energy Agency (IEA) but is functionally and legally autonomous. Views, findings and publications of the IEA Bioenergy TCP do not necessarily represent the views or policies of the IEA Secretariat or its individual member countries.*

Technology Collaboration Programme

by **iea**

# T40 objectives in 2022-2024 triennium

Task 40 sees its role and mission in **clarifying the conditions** of deploying biobased value chains - especially bioenergy - within the bioeconomy, considering the longer-term climate and sustainability requirements, and the role of bioenergy and bioderived high value co-products in carbon management as part of a future circular carbon economy.

- WP1: Market developments
- WP2: BECCUS & carbon markets/valorization
- WP3: Deployment strategies

Scope: whole biobased value chain >> upstream and downstream

# T40 nexus in Regional development opportunities based on flexible biomass value networks

- core activities under WP1 “Market developments”
- WP1 has 2 main activities defined as Task Projects
  1. **Regional bioenergy markets and transitions:**

*Key actors, policies, and regulation regarding domestic deployment, trade of different feedstocks, and analysis of regional biomass mobilization and deployment strategies of low value-high diversity biomass streams >> future role in markets*

**T40 contact: Ric Hoefnagels, NL ([r.hoefnagels@uu.nl](mailto:r.hoefnagels@uu.nl))**
  2. **Sustainable biobased value chains in the circular bioeconomy context:**

*exploring interlinkages of bioeconomy services types and how bioenergy applications can benefit from and drive the deployment of biogenic carbon networks.*

**T40 contact: Fabian Schipfer, AT ([fabian.schipfer@tuwien.ac.at](mailto:fabian.schipfer@tuwien.ac.at))**
- both Task projects proposals are currently finalized

Uwe Fritsche Christiane Hennig

uf@iinas.org

christiane.hennig@dbfz.de

Task leader

Co-Task leader

**Operating Agent T40**

**Birger Kerckow**

**B.Kerckow@fnr.de**



**IEA Bioenergy**

*Technology Collaboration Programme*

[www.ieabioenergy.com](http://www.ieabioenergy.com)