



IEA Bioenergy  
Technology Collaboration Programme

# Task 44 Workshop

## Flexibility Provision from Biogenic Gases

Wednesday, 23 November 2022

15:00 - 18:00 Central European Time  
09:00 - 12:00 Eastern Standard Time

### Moderator



Jaap  
Kiel  
TNO  
Netherlands

### Speakers



Elina  
Maki  
VTT  
Finland



Tuukka  
Hartikka  
HELEN  
Finland



Tilman  
Schildhauer  
Paul Scherrer  
Institute  
Austria



Jan  
Liebetrau  
Rytec  
Germany



Berend  
Vreugdenhil  
TNO  
Netherlands



Terese  
Schubert  
WienEnergie  
Austria



Markus  
Jöcker  
Siemens  
Sweden

## Introduction

Increasing shares of variable renewable energy (VRE) in the energy supply system create a demand for measures to provide flexibility at different time scales on a sustainable manner. At the same time, Russian invasion of Ukraine has strengthened the demand for sustainable domestic resources to guarantee security of supply in Europe. Bioenergy has inherent capability to provide both of these features as it can shift resources regarding time and place as well as between sectors. The workshop focuses on technical options and Best Practices to provide flexibility from biogenic gases through gasification, biogas and Power-to-X pathways, without forgetting links to renewable hydrogen and carbon capture and storage/use (BECCUS). IEA Bioenergy Task 44, in collaboration with Task 33 and Task 37, invites you to learn and discuss technical options to provide flexibility from biogenic gases, barriers and drivers for their implementation and end-user demands.

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Tel. +39 055 5002280

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