

HORIZON
2020

OPTimized conversion of residual wheat straw to bio-ISObutene for bio based CHEMicals

Ergebnisse

Projektinformationen

OPTISOCHEM

ID Finanzhilfevereinbarung: 744330

[Projektwebsite](#) 

DOI

[10.3030/744330](#) 

Projekt abgeschlossen

EK-Unterschriftsdatum

25 April 2017

Startdatum

1 Juni 2017

Enddatum

31 Dezember 2022

Finanziert unter

SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

Gesamtkosten

€ 16 376 816,83

EU-Beitrag

€ 9 755 493,63

Koordiniert durch

GLOBAL BIOENERGIES



France

CORDIS bietet Links zu öffentlichen Ergebnissen und Veröffentlichungen von HORIZONT-Projekten.

Links zu Ergebnissen und Veröffentlichungen von RP7-Projekten sowie Links zu einigen Typen spezifischer Ergebnisse wie Datensätzen und Software werden dynamisch von [OpenAIRE](#)  abgerufen.

Leistungen

[First report on the delivery of several tons of 2G isobutene, according to program, with full characterization](#) 

[Second report on the delivery of several tons of 2G isobutene, according to program, with full characterization](#) 

[First completed and planned communication activities](#) 

[Report on education and training during project](#) 

[Full Life Cycle Assessment report of fossil isobutene reference process according to ISO 14040/14044](#) 

[Second completed and planned communication activities](#) 

[Report on delivery of first 2G isobutene samples](#) 

[Communication and Dissemination materials - update 2](#) 

Communication and Dissemination materials update 2

[Stakeholder evaluation report](#) 

[Third report on the delivery of several tons of 2G isobutene, according to program, with full characterization](#) 

Third report on the delivery of several tons of 2G isobutene according to program with full characterization

[Communication and Dissemination materials - update 1](#) 

[Report on extensive assessment of GBE's original IBN strain on a series of 2G substrates \(growth, sugar consumption...\)](#) 

[Communication and Dissemination materials](#) 

[Third completed and planned communication activities](#) 

Veröffentlichungen

Non-peer reviewed articles (1)

[Biorefinery development for the conversion of softwood residues into sustainable aviation fuel: Implications from life cycle assessment and energetic-exergetic analyses](#) 

Autoren: Stefan Puschnigg, Karin Fazeni-Fraisl, Johannes Lindorfer, Thomas Kienberger

Veröffentlicht in: Journal of Cleaner Production, Ausgabe volume 386, 2023, ISSN 1879-1786

Herausgeber: Journal of Cleaner Production

DOI: 10.1016/j.jclepro.2022.135815

Peer reviewed articles (1)

[Comparative life cycle assessment of first- and second-generation bio-isobutene as a drop-in substitute for fossil isobutene](#) 

Autoren: Karin Fazeni-Fraisl, Johannes Lindorfer

Veröffentlicht in: Biofuels Bioproducts & Biorefining, Ausgabe 17, 2023, Seite(n) 207-225, ISSN 1932-1031

Herausgeber: BIOFPR

DOI: 10.1002/bbb.2444

Weitere Forschungsprodukte

Weitere Forschungsprodukte über OpenAire (5)



[Third and final report on the delivery of several tons of 2G isobutene, according to program, with full characterization](#) 

Autoren: Bernard, Chaud

Veröffentlicht in: Zenodo

[Report on delivery of first 2G isobutene samples](#) 

Autoren: Thibaut, Denis; Paques, Frederic; Genovesi, Tony

Veröffentlicht in: Zenodo

[Full Life Cycle Assessment report of fossil isobutene reference process according to ISO 14040/14044](#) 

Autoren: Lassacher, Simon; Fazeni-Fraisl, Karin; Lindorfer, Johannes

Veröffentlicht in: Zenodo

[Report on extensive assessment of GBE's original IBN strain on a series of 2G substrates \(growth, sugar consumption...\)](#) 

Autoren: Thibaut, Denis; Paques, Frederic

Veröffentlicht in: Zenodo

[OPTISOChem Stakeholder Evaluation Report](#) 

Autoren: Chaud, Bernard

Veröffentlicht in: Zenodo

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Permalink: <https://cordis.europa.eu/project/id/744330/results/de>

European Union, 2025