

GIFFT



Sustainable Glass Industry

Transforming Glass Production for a Greener Tomorrow

Sustainable Glass Industry
with Fuel-Flexible Technology

www.gifft-europe.eu



Objective

The objective of the GIFFT project is to develop a sustainable, hybrid, and biofuel flexible heat production technology and process that can be integrated into industrial glass manufacturing through efficient use of plasma-assisted combustion and gasification systems. Specifically, we will:

- Develop an integrated heat production technology using biomass/waste and renewable electricity for syngas production in glass manufacturing
- Develop and validate at Technology Readiness Level 5 the key enabling technologies required for realising the GIFFT process
- Verify the techno-economic feasibility and environmental impact of the innovative GIFFT technology and process applications in the European glass manufacturing process

Contact us

Project Coordination

Lithuanian Energy Institute,
Lithuania

Nerijus Striūgas,
Raminta Skvorčinskienė

nerijus.striugas@lei.lt
raminta.skvorcinskiene@lei.lt

<https://www.lei.lt/en/>

Project Communication & Dissemination

WIP Renewable Energies,
Germany

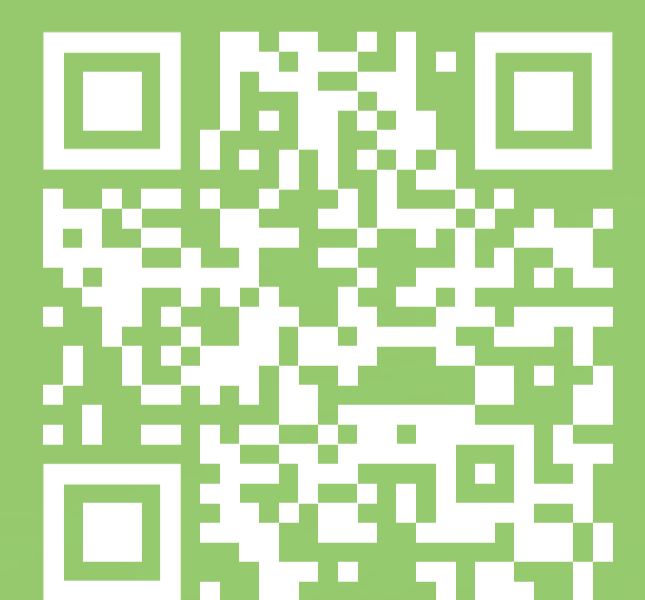
Rita Mergner,
Chuan Ma

rita.mergner@wip-munich.de
chuan.ma@wip-munich.de

<https://www.wip-munich.de>

Together with our partners, we're forging the path to a cleaner, more sustainable glass industry.

Follow or contact us via social media

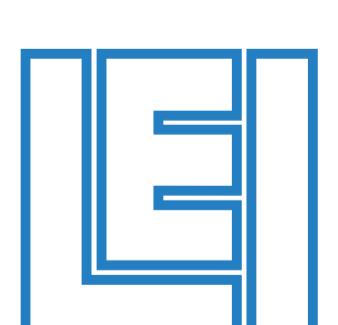


<https://www.linkedin.com/company/the-gifft-project/>
https://twitter.com/GIFFT_EU

Partners



CHALMERS
UNIVERSITY OF TECHNOLOGY



LITHUANIAN
ENERGY
INSTITUTE
www.lei.lt

Sheffield
Hallam
University
Knowledge Applied



PANEVĖŽIO
STIKLAS

Technical
University
of Munich



PlasmaAir AG



VYTAUTO
DIDŽIOJO
UNIVERSITETAS
Ekonomikos ir
vadybos fakultetas

SCHOTT
glass made of ideas

WIP RENEWABLE
ENERGIES



The GIFFT Project has received funding from the Horizon Europe programme under grant agreement No 101122257.