

# Bio-economy in a net-zero European industry

Networking Event at DBFZ within the MUSIC project

## Date

**Monday-Tuesday, 30 – 31 May 2022**

## Venue

**Day 1: DBFZ & Leuna site**

**Day 2: DBFZ & Leipzig City Centre**

## Host

**Deutsches Biomasseforschungszentrum gGmbH (DBFZ)**



DBFZ building 1 (© Paul Trainer/DBFZ)

Please do not hesitate to contact us in case of further queries:

**Dr Konrad Siegfried**

+49 341 2434 568

[konrad.siegfried@dbfz.de](mailto:konrad.siegfried@dbfz.de)

**Linda König**

+49 341 2434 606

[linda.koenig@dbfz.de](mailto:linda.koenig@dbfz.de)



Deutsches Biomasseforschungszentrum gGmbH (DBFZ)  
Torgauer Straße 116, 04347 Leipzig/Germany  
[www.dbfz.de](http://www.dbfz.de) | Twitter: [@DBFZ\\_de](https://twitter.com/DBFZ_de) | LinkedIn: [DBFZ](https://www.linkedin.com/company/dbfz)

## Overview | Three-day meeting in Leipzig area

Are you interested in visiting a 1,300-hectare large, impressive chemical complex? Haven't you always wanted to visit DBFZ facilities and to get into contact with the experts working in the labs? Or do you purely want to enjoy networking with experts from different fields?

Join our [MUSIC event](#) in end of May to do so.

**Please confirm your attendance by 30<sup>th</sup> April:**

<https://www.dbfz.de/music/registration>

### Day 1

**Monday, 30 May 2022**

**Changes and deviations are possible.**

**Part 1** | 10:45-11:45 (CEST) | Opening at DBFZ (Torgauer Straße 116, 04347 Leipzig)

**Part 2** | 11:45-16:15 (CEST) | Joint bus trip to Leuna site - *Please inform us if you want to directly drive to Leuna site by yourself instead of joining the bus trip.*

### Day 2

**Tuesday, 31 May 2022**

**Changes and deviations are possible.**

**Part 1** | 8:45-12:45 (CEST) | Workshop on "Bio-economy in a net-zero European industry" at DBFZ (Torgauer Straße 116, 04347 Leipzig)

**Part 2** | 13:45-15:00 (CEST) | Visit of DBFZ facilities (Torgauer Straße 116, 04347 Leipzig)

**Part 3** | 16:50-18:30 (CEST) | City tour (start at the "Neues Bach-Denkmal", Thomaskirchhof, 04105 Leipzig)

**Part 4** | 18:30 (CEST) Social evening at "Thüringer Hof zu Leipzig" (Burgstraße 19, 04109 Leipzig)

[DBFZ | How to find us](#)

[Hotel | Recommendations in Leipzig City](#)

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*We are looking forward to welcoming you at DBFZ!*

## Day 1 (Monday, 30 May 2022) | Preliminary Agenda\*

\*Changes and deviations are possible.

Time (CEST)	Excursion Day
10:45	<b>Arrival</b> of attendees at DBFZ (Torgauer Straße 116, 04347 Leipzig), registration, socialising <ul style="list-style-type: none"><li>Please use the main entrance in building one (H1, see map of DBFZ on <a href="#">p.6</a>)</li></ul>
<b>Part 1   Opening at DBFZ</b>	
11:00	<b>Welcome</b> by DBFZ <ul style="list-style-type: none"><li>Overview of day 1</li><li>Practical information</li><li>Coffee time</li></ul>
<b>Part 2   Joint bus trip to Leuna site</b>	
11:45	<b>Departure</b> of the bus to Leuna site, arrival around 12:30 <ul style="list-style-type: none"><li>Please inform us if you want to directly drive to Leuna site by yourself instead of joining the bus trip.</li></ul>
12:45	<b>Visit</b> at Fraunhofer Centre for Chemical-Biotechnological Processes CBP <sup>1</sup> <ul style="list-style-type: none"><li>Fraunhofer CBP (Am Haupttor, Tor 12, Bau 1251, 06237 Leuna)</li></ul>
14:30	<b>Visit</b> at further company is planned
15:30	<b>Departure</b> of the bus back to DBFZ
16:15	<b>Arrival</b> at DBFZ
<b>End of Day 1</b>	

**Note:** Each attendee will receive a lunch package.  
Please bring your own beverages for the excursion.



© <https://www.infraleuna.de/en/>



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<sup>1</sup> "In view of the finite nature of fossil resources, the growing demand for resources and climate change, the use of renewable raw materials has acquired great significance. The Fraunhofer Center for Chemical-Biotechnological Processes CBP in Leuna focuses on the combination of biotechnological processes with chemical processes, and with its pilot scale technical equipment it closes the gap between the laboratory and industrial implementation.

By providing the infrastructure and technical facilities as well as a staff of highly qualified experts, it enables partners from research and industry to develop and scale up processes for the utilization of renewable and petrochemical raw materials to production-relevant dimensions, and also to accelerate process developments. Focus is laid on the use of vegetable oils, the disintegration of lignocelluloses and the production of technical enzymes." (<https://www.cbp.fraunhofer.de/en.html>)

## Day 2 (Tuesday, 31 May 2022) | Preliminary Agenda\*

\*Changes and deviations are possible.

Time (CEST)	Topic	Presenter/Moderator
<b>8:45-9:00</b> 15 min	<b>Arrival</b> of attendees at DBFZ (Torgauer Straße 116, 04347 Leipzig), registration, socialising <ul style="list-style-type: none"> <li>Please use the main entrance in building one (H1, see map of DBFZ on <a href="#">p.6</a>)</li> </ul>	
<b>Part 1   Workshop “Bio-economy in a net-zero European industry”</b>		
<b>9:00-9:10</b> 10 min	1   <b>Welcome</b> , overview of the day, the workshop and its aims	Dr Konrad Siegfried, Linda König (DBFZ)
<b>9:10-9:30</b> 20 min	2   Biomass in <b>energy intensive industries</b>	Prof Dr Daniela Thrän (DBFZ)
<b>9:30-9:50</b> 20 min	3   Role of <b>biorefineries in a circular economy</b>	Dr Franziska Müller-Langer (DBFZ)
<b>9:50-10:10</b> 20 min	4   Overview of the EU H2020 <b>project “MUSIC”</b> and its four case studies	Patrick Reumerman (BTG)
<b>10:10-10:30</b> 20 min	<b>Coffee break</b>	
<b>10:30-10:50</b> 20 min	5   <b>Developments in European policy</b> and role for Intermediate Bioenergy Carriers’ market uptake	Manolis Karampinis (CERTH)
<b>10:50-11:00</b> 10 min	6   <b>Instructions</b> for focus groups	Dr Konrad Siegfried (DBFZ)
<b>11:00-12:30</b> 90 min	7   <b>Discussion and strategy development</b> for IBCs’ market uptake in focus groups (FG) with short breaks in between	tba
<b>12:30-13:00</b> 30 min	8   <b>Summary</b> of each session by moderators, <b>feedback, information</b> on afternoon activity	Dr Konrad Siegfried (DBFZ), moderators
<b>13:00-13:45</b> 45 min	<b>Lunch break</b>	
<b>Part 2   Tour at DBFZ</b>		
<b>13:45-15:00</b> 75 min	<b>Visit</b> of DBFZ facilities <ul style="list-style-type: none"> <li>E.g. <a href="#">fuel conditioning lab</a>, <a href="#">combustion technical centre</a>, <a href="#">biorefineries technical centre</a>)</li> <li>Please also consider our <a href="#">safety instructions</a></li> </ul>	DBFZ
<b>Part 3   City tour</b>		
<b>16:50-17:00</b> 10 min	<b>Arrival</b> of attendees at the “Neues Bach-Denkmal” (Thomaskirchhof, 04105 Leipzig)	
<b>17:00-18:30</b> 90 min	<b>Start</b> of tour through Leipzig’s old city	Guide of “Treffpunkt Leipzig“
<b>Part 4   Social evening</b>		
<b>18:30</b>	<b>Dinner</b> and networking at “Thüringer Hof zu Leipzig” (Burgstraße 19, 04109 Leipzig)	
<b>End of Day 2</b>		

## DBFZ | How to find us

### ... by train:

Arrival at Leipzig main station; tram line 3/3E (direction Taucha/Sommerfeld) to stop "Bautzner Straße"; cross the street, leave the car park on the right and use the main entrance of the DBFZ (House 1, Torgauer Str. 116). Please check in at the front office.

### ... by car:

Via motorway A 14; exit Leipzig Nord-Ost, Taucha; direction Leipzig; direction City Centre; after the bft petrol station the DBFZ is on the left side.

### ... by tram:

Line 3/3E direction Taucha/Sommerfeld; stop "Bautzner Straße" (see "... by train")

[Open in Google Maps](#)



## Hotel | Recommendations in Leipzig City

We can recommend the following hotels for your stay in Leipzig. Please understand that the prices quoted may differ from the current prices.

Hotel	Price	Comments
<b>InterCity Hotel Leipzig</b> Tröndlinring 2 04105 Leipzig  Phone: +49 (0)341 308661-0 <a href="http://www.intercityhotel.com">www.intercityhotel.com</a>	SR: from 75 € DR: from 95 €	City location, 5 min. from the train station; *15 minutes to the DBFZ by tram no. 3 (Taucha) or 3E (Sommerfeld); stop Bautzner Straße
<b>Motel One Leipzig</b> <b>Nikolaistraße 23</b> 04109 Leipzig Phone: +49 (0)341 3374 37-0  <b>Post/Grimmaischer Steinweg 1</b> 04103 Leipzig Phone: +49 (0)341 9621050  <b>Augustusplatz/Ritterstraße 4</b> 04109 Leipzig Phone: +49 (0)341 2527 980  <a href="http://www.motel-one.com/de">www.motel-one.com/de</a>	SR: from 73 € DR: from 92 €	City location, 5 min. from the train station; *15 minutes to the DBFZ by tram no. 3 (Taucha) or 3E (Sommerfeld); stop Bautzner Straße
<b>H+ Hotel Leipzig</b> Gutenbergplatz 1-5 04103 Leipzig  Phone: +49 (0)341 12930 <a href="http://www.h-hotels.com">www.h-hotels.com</a>	SR: from 70 € DR: from 80 €	City location, 7 min. to train station *) from the hotel with tram no. 15 (direction Miltitz) to the main station, then change to Straßenb. No. 3 (Taucha) or 3E (Sommerfeld) stop Bautzner Str.
<b>Seaside Park Hotel Leipzig</b> Richard Wagner Str. 7 04109 Leipzig Phone: +49 (0)341 98520 <a href="http://www.parkhotelleipzig.de">www.parkhotelleipzig.de</a>	SR: from 74 € DR: from 94 €	City location, 5 min. from the train station; *15 minutes to the DBFZ by tram no. 3 (Taucha) or 3E (Sommerfeld); stop Bautzner Straße
<b>Victor's Residenz-Hotel Leipzig</b> Georgiring 13 04103 Leipzig  Phone: +49 (0)341 6866-0 <a href="http://www.victors-residenz.com">www.victors-residenz.com</a>	SR: from 75 € DR: from 85 €	City location opposite railway station *15 min. to the DBFZ with tram no. 3 (Taucha) or 3E (Sommerfeld), stop Bautzner Str.
<b>B &amp; B Hotel</b> Torgauer Straße 277 A 04347 Leipzig  Phone: +49 (0)341 27116-0 <a href="http://www.hotelbb.de">www.hotelbb.de</a>	SR: from 54.50 € DR: from 73 €	Close to DBFZ; *10 minutes to DBFZ with tram no. 3 (Knautkleeberg) or 3E (Knautkleeberg); stop Bautzner Straße  (Autobahn A 14: Exit Leipzig Nord Ost; then turn left towards Leipzig Zentrum/Innenstadt, at the 2nd traffic light turn right and immediately right again, hotel in sight)
<b>City Partner Suite Hotel Leipzig</b> Permoserstraße 50 04328 Leipzig  Phone: +49 (0)341 2589-0 <a href="http://www.suitehotel-leipzig.de">www.suitehotel-leipzig.de</a>	SR: from 70 € DR: from 94 €	Close to DBFZ 5 min. walk to the DBFZ  (Autobahn A 14: Exit Leipzig Ost; direction Leipzig / Stadtmitte, on Permoserstraße approx. 2 km, past the "PC", on the left side is the hotel)

## MUSIC project | Background information

Physical meeting at DBFZ in Leipzig  
**Excursion and workshop on  
“Bio-economy in a net-zero European industry”**  
Monday, 30.05.2022 – Tuesday, 31.05.2022

**SAVE  
THE DATE!**



### Background information about the project

#### “MUSIC - Market Uptake Support for Intermediate Bioenergy Carriers”

##### IBCs – Intermediate Bioenergy Carriers:

*“It’s biomass... but denser and easier to use. IBCs are formed when biomass is processed to energetically denser, storable and transportable intermediary products [...]”* ([www.music-h2020.eu](http://www.music-h2020.eu)) Within EU Horizon 2020 Project “MUSIC” a multinational consortium supports the market uptake of different kinds of IBCs, namely pyrolysis oil, torrefied biomass and microbial oil. Within four case studies, feasible supply chains are to be designed in order to develop strategies for feedstock mobilisation. During the networking event, the focus will be laid on the “Case Study International”.



Fast pyrolysis oil



Torrefied biomass



Microbial oil

##### Case Study International:

The International case study focuses on the **use of biomass feedstock** (e.g. type-B waste wood, RDF – refused-derived fuel and SRF - solid recovered fuel) in a **torrefaction plant**. The resulting torrefied biomass is then **used in blast furnaces in the ArcelorMittal’s steel mills** across Europe to replace fossil coal inputs (example in advanced case study: torrefaction in TORERO plant nearby the steel mill in Ghent, Belgium).

- ✓ Torrefaction unifies the products from different feedstocks
- ✓ By this torrefaction opens up the energy and bio carbon market for waste wood, agricultural residues or other underutilized biomasses
- ✓ Torrefied biomass can replace lignite coal in heavy industry, e.g. steel industry
- ✓ The pyro gas co-product can be used for internal energy use as well
- ✓ With its high density torrefied biomass has low storage and transportation cost

IBTC (Webinar April 2021): [ibtc.bioenergyeurope.org](http://ibtc.bioenergyeurope.org)

More information on the MUSIC project, especially its case studies and some interesting reports about previous activities, can be found on: [www.music-h2020.eu](http://www.music-h2020.eu)



*We are looking forward to welcoming you at DBFZ!*

[WWW.MUSIC-H2020.EU](http://WWW.MUSIC-H2020.EU)

[#MUSIC\\_H2020](https://twitter.com/MUSIC_H2020)



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