

The background features a collection of overlapping circles in various shades of green and yellow. Some circles are solid, while others are hollow outlines. They are scattered across the right side and bottom of the image, creating a dynamic, scientific feel.

BRISK

2

BIOFUELS RESEARCH INFRASTRUCTURE

# Biofuels Research Infrastructure for Sharing Knowledge

An Overview of Opportunities

Pippa Try and Tony Bridgwater



# Are you interested in.....

Thermal or  
Chemical  
Biomass  
Conversion?



Biological  
Biomass  
Conversion?



Biofuels?



Utilising the  
facilities of  
leading  
European  
laboratories?



# BRISK2 Objectives

**BRISK2 is a unique €10 million project funded by Horizon 2020 to:**

- accelerate the development of biofuels expertise and deployment
- foster a culture of co-operation
- provide opportunities for international collaboration

**BRISK2 has two main activities:**

1. Transnational Access (TA) to provide training opportunities for early career researchers
2. Joint Research Activities (JRA) in which the partners contribute to the advancement of relevant science and technology

# Boosting Biofuels Research

BRISK2 will fund researchers from around the world to carry out research at any of the 15 partners' facilities = Transnational Access (TA)

*BRISK2 has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement number 731101*



**BRISK2**  
BIOFUELS RESEARCH INFRASTRUCTURE

# TA Opportunities with BRISK2

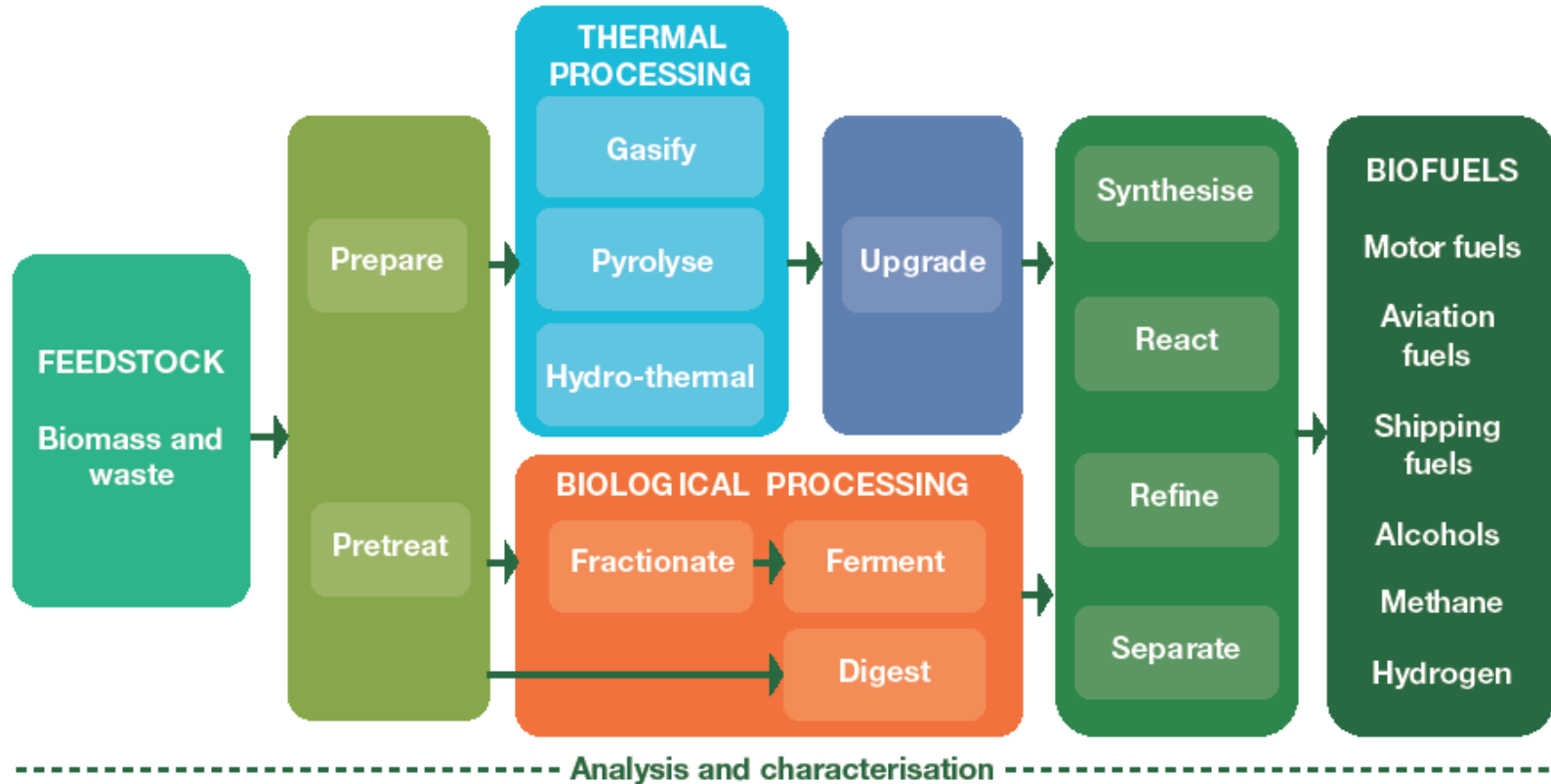
- 15 partners across 11 EU Countries
- 55 installations are available
- BRISK2 will provide €1200 per visit for travel, accommodation and subsistence
- Available until 2022
- In addition, there are free workshops, summer schools and networking opportunities



# Partners

Partner (Acronym)	Location	Partner (Acronym)	Location
KTH Royal Institute of Technology	Sweden	Karlsruhe Institute of Technology (KIT)	Germany
VTT	Finland	SINTEF	Norway
Centre for Research and Technology (CERTH)	Greece	ENEA - National Agency for New Technologies, Energy and Sustainable Economic Development	Italy
BIOENERGY 2020+	Austria	Politecnico di Torino	Italy
Graz University of Technology (TUG)	Austria	LNEG	Portugal
Delft University of Technology (TUD)	Netherlands	CENER	Spain
Wageningen University & Research	Netherlands	Aston University	UK
ECN part of TNO	Netherlands	<b>Full rig list available at <a href="http://www.brisk2.eu">www.brisk2.eu</a></b>	

# Pathways for Biomass Conversion





# Eligibility Criteria for Transnational Access

- BRISK2 is open to applications from around the world
- Applicants must apply to visit a BRISK2 partner outside of their current country of work
- The majority of grants are available to researchers from European and associated states
- Eligibility is based upon researcher organisation
- Minimum qualification - Bachelor of Science (BSc) or equivalent in a relevant Science or Engineering Discipline
- Priority is given to first time applicants and those who do not normally have access to similar research facilities

# Application Process

1. Visit [www.brisk2.eu](http://www.brisk2.eu)
2. Identify the project partner and rig you would like to visit
3. Email the partner to discuss the viability of your visit
4. Download and complete the pdf application form
5. Upload and submit your form via the BRISK2 project website
6. The BRISK2 selection panel will evaluate your application
7. Once approved, book your travel and accommodation
8. Experience a biofuels research visit with BRISK2!

**NEXT PROPOSAL DEADLINES: 1<sup>st</sup> OCTOBER 2018 & 1<sup>st</sup> APRIL 2019**

# Summer Schools and Workshops

**BRISK<sup>2</sup>**  
BIOFUELS RESEARCH INFRASTRUCTURE

**BIOFUELS SUMMER SCHOOL 2018**

Are you....  
Interested in biofuels?  
A biofuels researcher?  
Developing sustainable energy  
alternatives?

Biomass Characterisation • Pre-treatment • Fermentation • Gasification • Pyrolysis  
Anaerobic Digestion • Combustion • Catalysis • Chemicals • Biorefinery & more

**Theme:** An Introduction to Biofuels Production

**Location:** CERTH, Thessaloniki, Greece

**Dates:** Wednesday 20th June 2018 - Friday 22nd June 2018

**Ideal for:** Early career researchers and industry professionals

**Cost:** Free to attend with light refreshments and lunch

Aston University  
Birmingham



WWW.BRISK2.EU

- The first BRISK2 Summer School was held in Thessaloniki, Greece from 20-22 June 2018.
- It was designed for early career researchers & industry. 50 attended
- More open workshops and summer schools are coming soon
- Register at [www.brisk2.eu](http://www.brisk2.eu) to keep up to date



**BRISK<sup>2</sup>**  
BIOFUELS RESEARCH INFRASTRUCTURE

# Joint Research Activities

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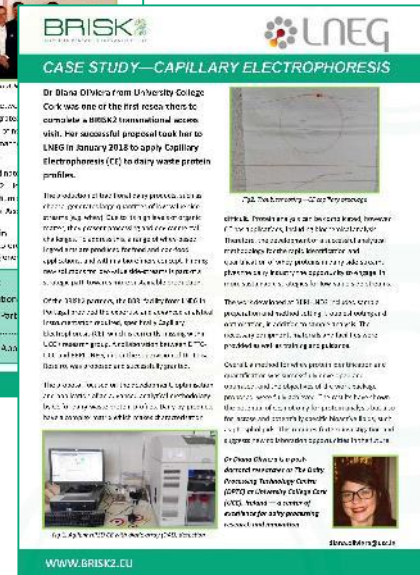
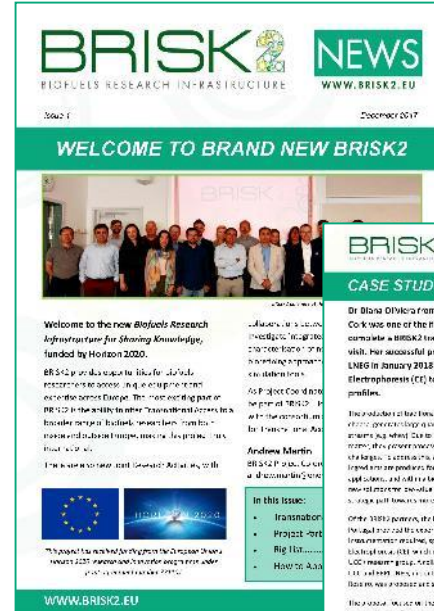
- Protocols, Databases and Benchmarking (ECN)
- Integrated multiple scale characterisation of new feedstocks for thermochemical and biochemical conversion processes (Bioenergy 2020+)
- Advanced measurement techniques for enhanced process flexibility and reliability (KIT)
- Innovative biorefinery approaches for sustainable biobased products (WUR)
- Development of system simulation tools for comprehensive modelling of biomass conversion and biorefineries (Sintef)

# Keep up to date....

- BRISK2 newsletter issued twice per year
- Apply for a TA visit and see your biofuels project featured as a case study
- Find out about free BRISK2 events
- Discuss research opportunities with us the BRISK2 exhibition stand

→ **Subscribe to the newsletter today**

→ **Find us online @BRISKBiofuels**



Questions and comments?

Thank you



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