



## **PROFILE OF THE CANDIDATE COMPANIES FOR THE BIP SUPPORT GROUP MEMBERSHIP**

The Support Group of the BIP is about to be expanded by 8 new members in February 2023 which will be selected by the votes of Task Force members. The new members will be a valuable addition to the Support Group which currently consists of 12 companies and the EBA, representing the European biomethane value chain. The group plays a vital role in the partnership by contributing to the work and deliverables of the BIP, providing co-chairs for each Task Force, appointing members to the Governing Board plus supporting their decision making, and financially supporting the secretariat.

The BIP Secretariat has received applications from 10 companies for the additional 8 seats of the BIP Support Group. To get to know them, you can consult the profile of candidate companies in this document listed in an alphabetical order.

## 1. Air Liquide



- Please give a brief description of your organization.

Air Liquide Biogas Solutions International has a production capacity close to 2 TWh/year of biomethane worldwide. The main footprint is in Europe, with operations in France, Italy, Sweden, The UK and Norway. We develop technologies, own and operate our assets and we are present on the full biomethane value chain, including AD plants. The biomethane we produce is injected into the grid, compressed or liquefied, depending on countries and customer needs. Air Liquide Biogas is a 100% subsidiary of the Air Liquide Group, a world leader in gases for Industry. Consequently, we are also closely connected with the Industrial usages of biomethane and bioCO<sub>2</sub>.

- Please express how you are planning to bring value to the BIP Support Group.

Air Liquide has a very wide positioning in the value chain: from production to usage of biomethane both for transport and for the industry, to cross border trading and valorisation of positive externalities, in particular bioCO<sub>2</sub>. Our Support Group membership would allow to: 1) leverage on our experience, knowledge and expertise to boost the development of biogas in Europe to the next level, leveraging 10 years of experience in the biogas sector and more than a century serving industrial customers with industrial gases, supporting various Member States to develop relevant regulatory tools; to 2) ensure the consistency and relevance between all the suggestions from the TFs, and market needs so as to contribute to make the BIP as impactful as possible in the coming years, with the final aim to reach RePowerEU objectives of 35 bcm.

## 2. BPC Instruments



- Please give a brief description of your organization.  
BPC Instruments is a global Swedish-based pioneering technology company primarily focuses on developing and offering analytical instruments enabling more efficient, reliable, and higher quality of analysis for feedstock selection and quality control in biogas production, as well as biological process optimization of anaerobic digestion. BPC Instruments' innovative products offer high quality hardware and software based on deep knowledge and experience of target applications. Today, BPC Instruments exports to about 70 countries around the world while BPC is listed on Spotlight Stock Market in Sweden.
- Please express how you are planning to bring value to the BIP Support Group.  
We are planning to bring our technical expertise in both feedstock analysis and process optimization, as well as our unique experience in connecting industrial applications and innovation development within the BIP Support Group. Apart from TF3 on sustainable potentials for innovative biomass sources, BPC's SG membership could provide good contribution and support in other Task Forces in particular TF5 on research, development and innovation needs.

### 3. ENGIE



- Please give a brief description of your organization.  
A global gas and electricity utility with activities in renewable and conventional power generation, gas and electricity infrastructures, energy trading and customer solutions, ENGIE is currently present in 33 countries around the globe. ENGIE's activities in gas infrastructures are transmission (#1 in France and Brazil), distribution (#1 in Europe), storage (#1 in Europe) and LNG terminals (#2 in Europe); as well as trading and sales give us a strong position in global markets. The Group has been particularly strongly involved in the development of biomethane. ENGIE is currently operating some 600 GWh worth of capacity per year and traded more than 3 TWh of green gas in 2022.
- Please express how you are planning to bring value to the BIP Support Group.  
We have already done great strides in biomethane development and industrialization in France, including via the state-supported sector committee on methanisation (Comité Stratégique de Filière), of which ENGIE is part. ENGIE is competent in multiple facets of biomethane development, including biology, engineering, O&M, business development, permitting, CSR, finance, and regulatory aspects. I will thus be able to fall back on the wealth of the expertise developed both collectively and at ENGIE-level to bring added value and contribute tangibly to the BIP's Support Group. It goes without saying that I am eager to bring all this know-how, commitment, and enthusiasm to the Support Group of the BIP.

#### **4. Future Biogas**



- Please give a brief description of your organization.

Founded in 2008, Future Biogas is a highly experienced developer and operator of 11 large-scale AD plants across the UK, responsible for over £120m in biogas infrastructure. We are now developing plans to develop BECCS plants which will capture bio-CO<sub>2</sub> for storage under the North Sea, in collaboration with the Northern Lights Project. Crucially, through the generation of removals credits, these plants will operate without direct government subsidy, delivering truly additional GHG reductions and removals. Future Biogas is now exploring options for EU expansion and are actively supporting the development of the international carbon market. We are active members of the EBA, WBA and the CCS+ initiative.

- Please express how you are planning to bring value to the BIP Support Group. Future Biogas is pioneering the development of BECCS for AD. Within the SG, we can contribute our industry-leading insight into this emerging removals market – including the monitoring, reporting and verification of removals, market demand for certificates, and practical considerations for CCS. Future Biogas will voice that bioenergy crops will be essential for the delivery of REPowerEU's ambitious biomethane target. However, as an industry, we must ensure that these crops are grown sustainably, using method which maximise long-term food security, biodiversity, and soil health.

## 5. Gasum

# Gasum

- Please give a brief description of your organization.

Gasum is an energy company based in Finland and having its business and operational activities also in Sweden, and Norway. We provide gas and power related services and solutions to our customers in industry, maritime and traffic. Filling station network consists of close to 200 locations while we produce currently close to 1 TWh of biogas per annum in our 20 biogas plants. Currently we are using annually about 1 million tons per annum of different kind of feedstock ranging from biowaste and sewage sludge to manure and agricultural side products. Gasum has total of ~350 people working in the group and the Gasum Group's revenue totaled €1,571.0 million in 2021.

- Please express how you are planning to bring value to the BIP Support Group. Gasum would bring value to the BIP Support Group by focusing on the comprehensive understanding of biomethane production in an industrial scale and how biomethane is connected to the full value chain consisting of raw materials to production, gas logistics solutions and distribution network in connection with adding value to the customers in their needs of energy and related services. We are able to bring our view also on the matters that are critical to enable growth in biomethane production by sharing experiences, flag prerequisites for growth and indicating the ongoing and needed changes in market and regulatory environment from Nordic perspective.

## 6. PKN Orlen



- Please give a brief description of your organization.

We are an integrated, multi-utility company based in Poland and operating in Central Europe and Canada. We provide energy and fuel to over 100 million of Europeans, while our advanced products are marketed to over 90 countries across 6 continents. The Group's transformation into a multi-utility powerhouse by 2030 will be based around renewable energy and gas-fired power generation, efficient low-emission refining and petrochemical production, upstream production of hydrocarbons, and an integrated retail offering.

Please express how you are planning to bring value to the BIP Support Group. Being a leading-edge player on the energy markets, and the largest company in Central and Eastern Europe, PKN Orlen will bring extensive knowledge and experience to the Support Group. Within the BIP Support Group, PKN Orlen will also voice the sector's insights from the Central European perspective.

## 7. Qlab



- Please give a brief description of your organization.  
Qlab Private Company is a for-profit SME operating as a Research and Analytical laboratory in Greece whose services focus on evaluating raw materials for biogas potential, optimising fermentation biology, nutrient recovery and separation of gases. Qlab is in solid cooperation with biogas companies and has also been a member of the Hellenic Association of Biogas Producers (HABio) since 2020 in applied industrial research for biogas. We investigate new disinfection processes and materials for biogas refining, biomethanation and hydrogen production.
- Please express how you are planning to bring value to the BIP Support Group.  
Our effort will be to develop, expand and secure a biomethane network across the EU with special care to the South-eastern region of Europe, where much need to be done to foster an EU biomethane network.



## 8. Scandinavian Biogas Fuels



- Please give a brief description of your organization.  
Scandinavian Biogas is based in Sweden having currently operations in Sweden, Norway and South Korea. We are focused on biomethane and Bio-LNG production and intend to increase the annual capacity to 3000 GWh by 2030 and have already signed and published a substantial Bio-LNG delivery agreement with Alvernoil, accumulated 1.000 GWh by 2030. The core competence of the Group is defined as HOLD Technology™ - based on more than 400 tested organic materials, mainly wastes in our own laboratory. We are also operating our own fleet for manure intake and biofertilizer offtake with a fleet of more than 10 dedicated HDV trucks.
- Please express how you are planning to bring value to the BIP Support Group.  
Scandinavian Biogas would be a valuable contribution to the Support Group by providing solutions to the fragmented European policies for biogas and biomethane, improving the work on shortening lead team in the permitting processes, supporting the opportunities to enhance standardization, making trading market and certification simpler as well as supporting the best practice transfer between countries.

## 9. ViGo Bioenergy (Ex-Liquid)



- Please give a brief description of your organization.  
ViGo Bioenergy (ex-Liquid) was founded in 2015 in Germany with a vision to develop a Germany-wide, and subsequently European-wide, network of gas stations and charging stations and to supply customers with low-emission and zero-emission alternative fuels and charging solutions. Starting from making LNG usable for the transport sector, ViGo set up supply hubs for inland shipping and truck traffic along the Rhine. More than 20 LNG filling stations are currently in operation and this allow us to offer a green and sustainable alternative fuel for heavy-duty traffic.
- Please express how you are planning to bring value to the BIP Support Group.  
ViGo is a natural ambassador for the RePowerEU biomethane ambitions, specifically boosting sustainable biomethane production to 35 bcm/y by 2030 as a cost-efficient path to reducing import of natural gas from Russia. We are therefore willing and able to offer our CEO's and our senior personnel's time, expertise, and knowledge to the BIP Support Group.

## 10. VNG AG – EnBW



- Please give a brief description of your organization.  
VNG, headquartered in Germany, is a 74.21% subsidiary of EnBW AG and provides a strong group of companies with a broadly based service portfolio in gas and infrastructure. Since 2020, VNG has bundled its biogas and biomethane activities within BALANCE Erneuerbare Energien GmbH. As one of the largest biogas producers in Germany, we supply around 50,000 households with renewable electricity and more than 49,000 households with biomethane (760 GWh in 2021).
- Please express how you are planning to bring value to the BIP Support Group.  
With many years of practical experience in handling biomass, biomethane production, and trade within Europe, we have a broad expertise over the complete value chain (EnBW AG, BALANCE Erneuerbare Energien GmbH, bmp greengas GmbH and Erdgas Südwest GmbH). We will be sending Hans-Joachim Polk, Member of the Executive Board Infrastructure/Technical Affairs, to the Support Group. We see our strongest contribution in this respect within Task Force 2 of the BIP. We believe our contribution is to identify barriers and reduce administrative burdens along the entire value chain.