

# Letter of intent between Transitus Energy and ZEG

August 22, 2022

## Fastest way to emission-free hydrogen

ZEG Power (ZEG) and Transitus Energy (Transitus) are entering into a collaboration, having signed a Letter of Intent (LoI) with the purpose of exploring joint opportunities related to the production of clean hydrogen and power in the UK, Netherlands, Republic of Ireland and Norway.

*“We are excited to collaborate with Transitus, working together in empowering the production of clean, reliable energy. Current energy markets highlight the importance of reliable access to energy, while the climate crisis simultaneously requires this to originate from low carbon solutions. A partnership between ZEG and Transitus would seek to deliver on both these important market drivers in the UK and beyond”,* says Arild Selvig, CEO of ZEG.

*“Blue hydrogen will accelerate the transition towards decarbonization of the energy sector. It enables clean utilization of natural gas resources and therefore it is a fast-track to decarbonization while ensuring reliable and affordable access to energy during these demanding times”,* says Bjørn Inge Tønnessen, Executive Chair of Transitus.

The ZEG ICC Technology, which enables the production and use of clean hydrogen from natural gas, is ready for the global market following the delivery of the first commercial ZEG production plant at CCB Energy Park on the west-coast of Norway in 2022

[Norway’s first industrial hydrogen plant with integrated CO2 capture – ZEG \(zegpower.com\)](https://zegpower.com)

# Significant market opportunity for blue hydrogen in the UK

The UK and Europe have every opportunity to build a low-carbon energy supply and be on the forefront of decarbonisation. By decarbonising now, using blue hydrogen at a 20% blend in the natural gas network, it has been estimated that in the UK alone 30 million tonnes per year of carbon dioxide emissions can be averted, equivalent to 1.25 million cars worth of emissions being eliminated.

*“The UK is an emerging and highly interesting market for us, and this collaboration is a step in the right direction. We strongly believe in the impact of our technology for producing clean hydrogen from gas with integrated carbon capture (ZEG ICC Technology), and we hope we can significantly contribute along with Transitus to bring forward the UK hydrogen economy”, says Kathrine K Ryengen, CCO of ZEG.*

*“Blue hydrogen is a rapid pathway to decarbonisation of heating, transportation, and industry, which can be done today while green hydrogen, solar, wind and nuclear ramp-up. Blue hydrogen blended into the natural gas grid is only two years away and not ten or twenty years away. We need to act now on the climate emergency and blue hydrogen is the ready-made transition solution. The market opportunity is significant because it does not stop at 20% blend but moves forward to decarbonise the gas supply enabling households and premises not suitable or adaptable to heat pumps to participate in the ongoing energy transition. Britain is ideally positioned to lead the clean energy industrial revolution fuelled by blue hydrogen with access to abundant natural gas and carbon storage assets. Working with ZEG Power and their cutting edge blue hydrogen technology will enable Transitus to supply clean, robust, and affordable hydrogen into the market”, says Jack Peck, CEO of Transitus.*

## **For questions, contact:**

Alex Williams, EVP Strategy & Communication, Transitus Energy.  
[alex@transitus.energy](mailto:alex@transitus.energy) / +44 7875 357 208.

Kathrine Ryengen, CCO ZEG Power.  
[kathrine.ryengen@zegpower.com](mailto:kathrine.ryengen@zegpower.com) / +47 99418696.

# About Transitus Energy

Transitus is a UK company that is designed to enable rapid, affordable, pragmatic energy transition, through the repurposing of existing gas infrastructure, conversion of the infrastructure and feedstock towards the production and supply of blue hydrogen, and ultimately the establishment of totally green hydrogen supply. Transitus is co-invested by Bangchak Corporation Public Company Limited (BCP), a diversified energy conglomerate based in Thailand, acting through its clean energy subsidiary BCP Innovation PTE LTD, (BCPI).

[transitusenergy.com](http://transitusenergy.com)

# About ZEG Power

ZEG Power (ZEG) is a Norwegian company that aims to offer the world a cost efficient, clean alternative for energy production. ZEG delivers technology and solutions for efficient production of clean hydrogen from hydrocarbon gases, with integrated carbon capture (ZEG ICC Technology). Examples of hydrocarbon gases are natural gas and biogas. Natural gas is currently the largest source of hydrogen. Hydrogen from biogas combined with carbon capture can achieve a negative carbon footprint. ZEG's technology is based on research and development originated from the Institute for Energy Technology (IFE).

[zegpower.com](http://zegpower.com)