



**Simply Blue**  
Group

# Simply Blue Group

Michael Galvin: Director of Hydrogen and Sustainable Fuels

**Gencomm: Cork Visit**

29th March 2022





# Who we are

A leading early-stage project developer in the following areas:



Floating Wind



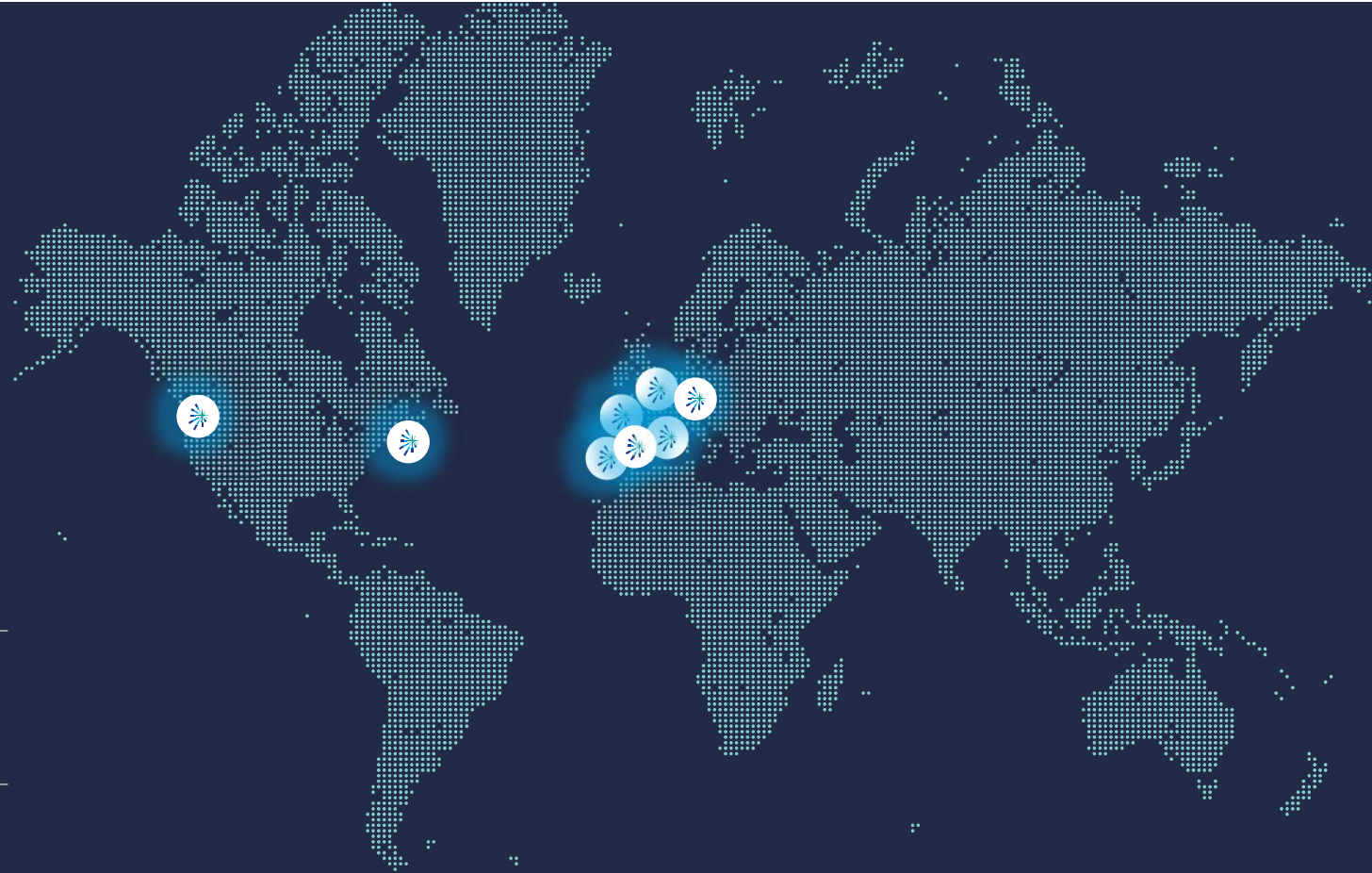
E-Fuels



Sustainable Aquaculture



Deeper Blue Economy



Headquartered in Cork

Nine offices worldwide





# Our Projects & Partners – Ireland & British Isles

In Partnership with:





## SBG Projects: Strategic Partners

- **Octopus Energy Generation** > Shareholder
- **TotalEnergies** > BGW (Erebus) UK
- **TotalEnergies** > Deep Blue Pacific Wind US
- Emerald & Western Star, Ireland
- **Orsted & SubSea7** > Salamander
- **Grupo Amper & FF** > Iberblue Wind
- **Eolus**: SeaSapphire

octopus energy  
generation

The logo for Octopus Energy Generation, with "octopus" in dark blue, "energy" in a lighter blue, and "generation" in green.

Orsted subsea 7

The logo for Orsted subsea 7, with "Orsted" in blue and "subsea 7" in red.

eolus®

The logo for Eolus, featuring a blue stylized "e" followed by "olus" and a registered trademark symbol.

FF  
VENTURES

The logo for FF Ventures, with "FF" in large blue letters and "VENTURES" in smaller blue letters below, with a yellow circle to the right of "FF".

# Offshore Wind Energy Pipeline 2023

## Projects Competing for 2030 Delivery



Over 6,000 MW in development off the West Coast across 7 projects



Over 15,000 MW in development off the East Coast across 18 projects



Over 10,000 MW in development off the South Coast across 11 projects

## Key Takeaways:



Over 31GW in development competing for 2030 delivery\*



Additional 20GW in development for post-2030



Over 15 floating offshore wind projects in development

**We need to look at offshore wind as being part of an energy system, it's about more than the grid.**

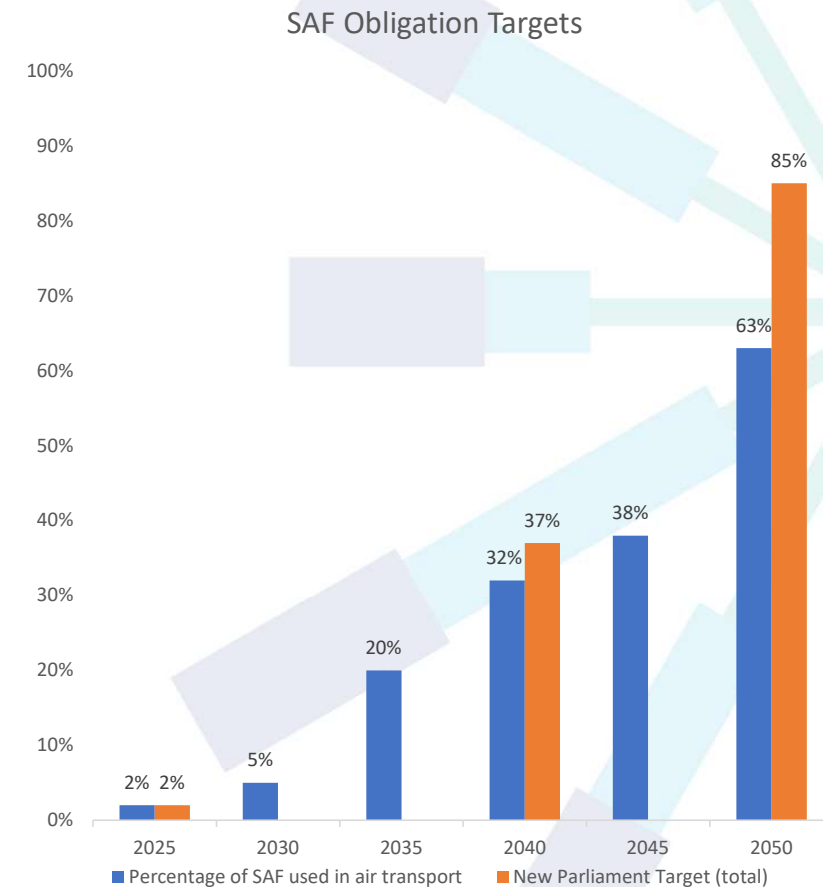


From Grid...

To Renewable Energy  
Park Solutions and  
Synthetic Fuels

## Our Energy System

- Our energy system is about more than just our electricity supply
  - Electricity accounts for approximately 1/3 of our energy consumption
- Society will continue to consume huge amounts of energy in forms other than electricity
  - E.G. aviation fuel, marine bunkering, high temperature industrial fired heat, HGVs, construction and agricultural equipment, long duration liquid storage for dispatchable power, agricultural fertiliser, feedstock for chemicals, feedstock for plastics
  - EU mandates for Sustainable Aviation Fuel by 2025
- We need to enhance the robustness of our future grid through long duration energy storage and flexible demand



## A Renewable Energy Park

- SBG – Irving Oil investigating feasibility to co-develop renewable energy park in Cork
- Creates carbon neutral e-fuels (synthetic fuels) for domestic market (post 2030)
- Creates an export and enterprise opportunity – supply deficit markets
- Can help stabilises the electricity grid (flexible electrolysis)
- Meets EU regulations (e.g. sustainable aviation fuel) and national targets (e.g. Climate Action Plan)
- Provides Route to market for Giga-Watts of FLOW
- Utilises existing oil & gas infrastructure





## Contact Us:

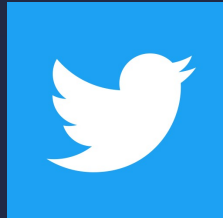


[info@simplybluegroup.com](mailto:info@simplybluegroup.com)



[www.simplybluegroup.com](http://www.simplybluegroup.com)

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