



# Navigating to 2050

A safe and sustainable maritime future

#NavigatingTo2050



## Pat Keating

Shannon Estuary Economic Taskforce &  
CEO, Shannon Foynes Port, Ireland



Commissioners of  
**IRISH LIGHTS**

Navigation  
and Maritime  
Services



# Vision 2041 Review



## Navigating to 2050

A safe and sustainable  
maritime future





**Volumes & Revenues**

**Infrastructure Delivered**

**TEN-T Status Upgraded**

**€45m Works EN-T supported**

**Limerick to Foynes Road:  
Consented**

**Limerick to Foynes Rail:  
In procurement**

**Limerick Docklands  
Framework Strategy**

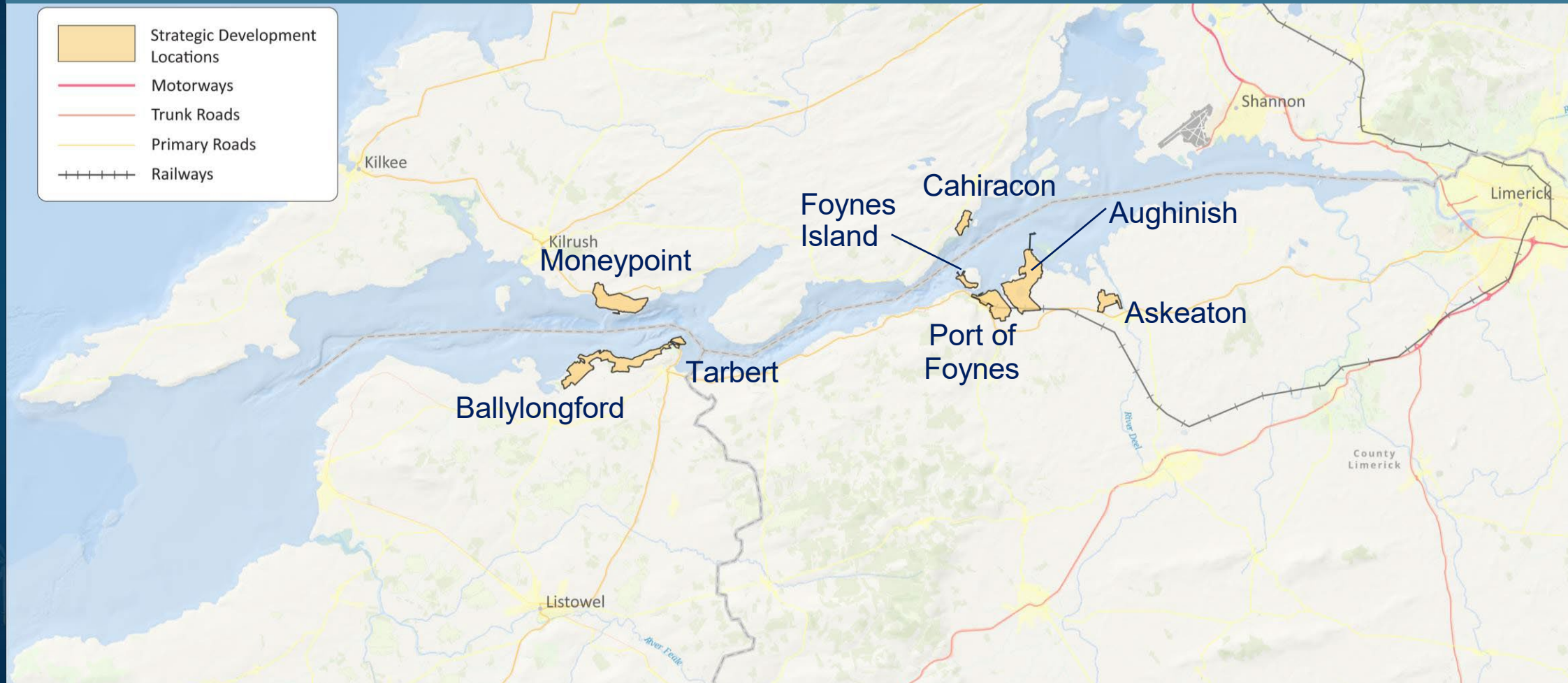
**Extensive Community Support**



**Shannon Foynes**  
PORT COMPANY



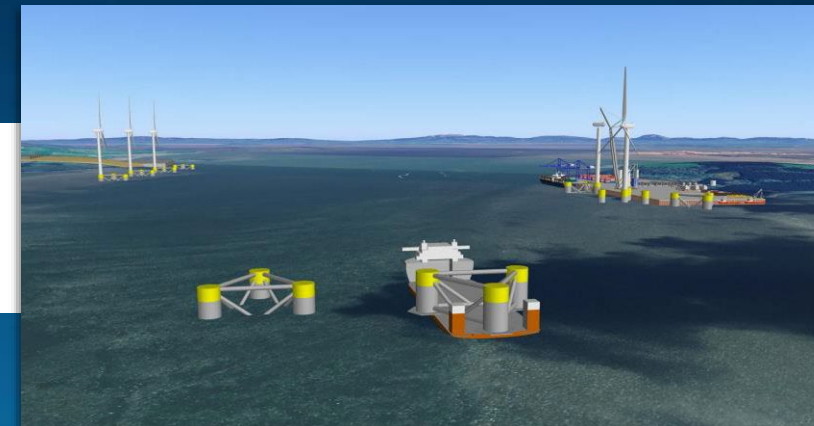
Shannon Foynes Port Company  
**VISION 2041**





1

**Delivering Offshore Wind  
at Scale**



2

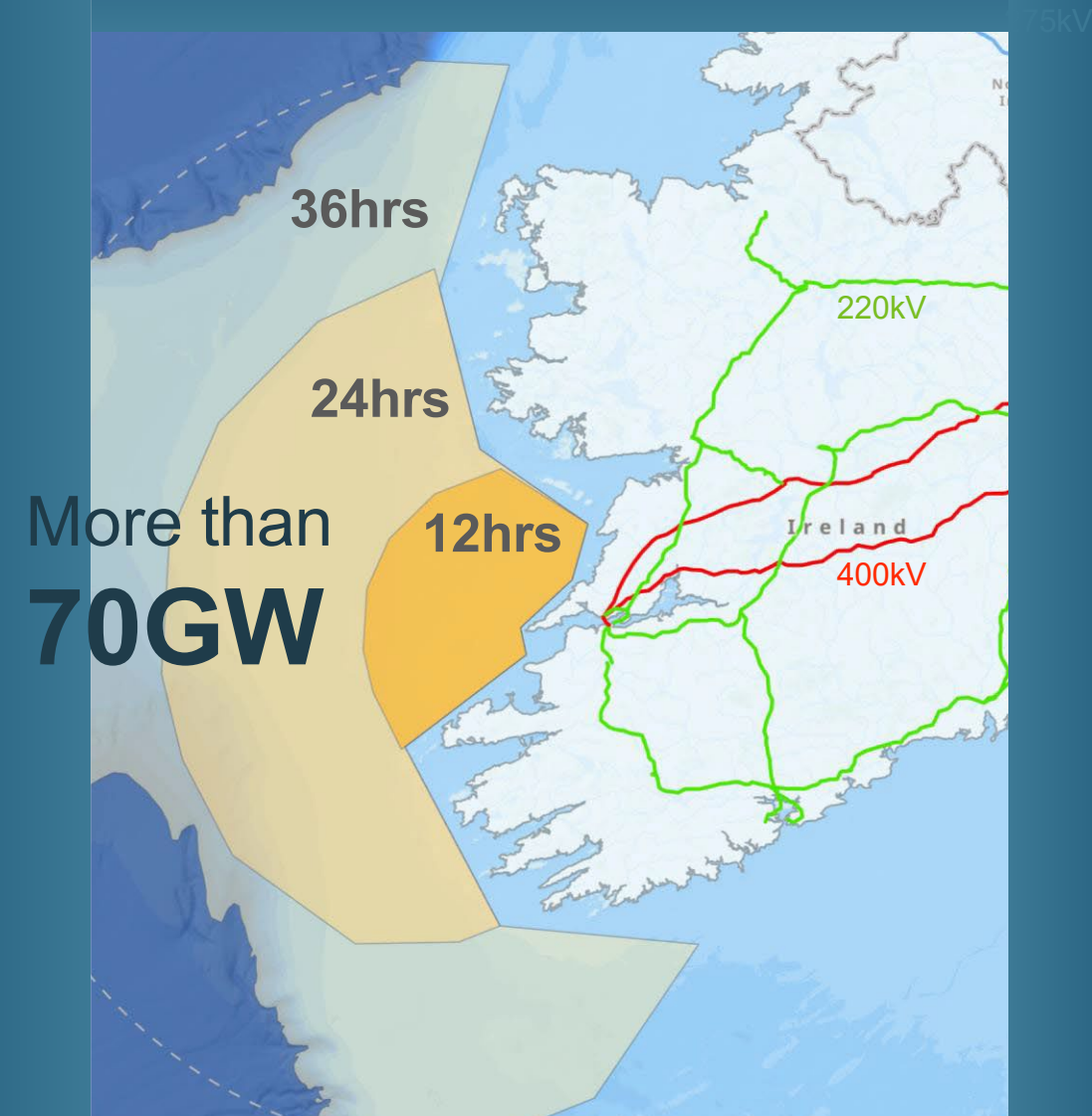
**Green Industry & Transition**



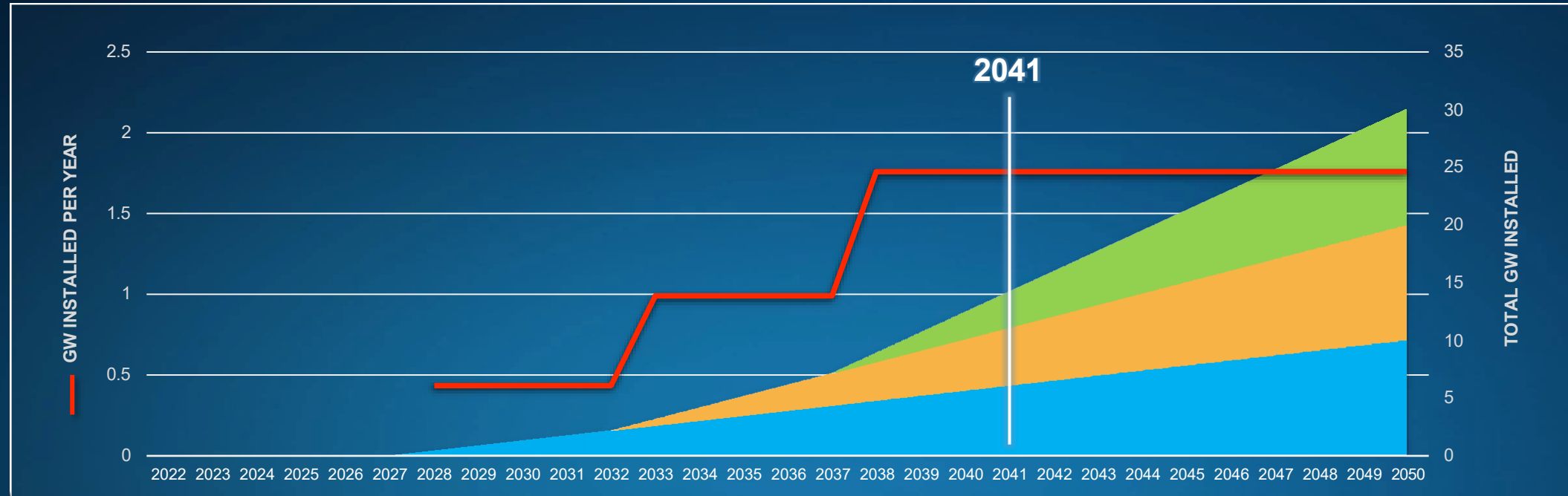
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**Expanded, Diversified  
& Sustainable Logistics**





# Delivering Atlantic Offshore Wind at Scale from the Shannon Estuary



## Low Scenario

### 10GW by 2050

#### CAPACITY DEMAND IN 2050

Domestic electricity & E-fuels (5GW - 10GW)

Electricity export (0 GW – 5 GW)

E-fuels export (0 GW – 5 GW)

#### CAPACITY SUPPLY PROFILE

~400MW per year from 2028

~25-30 turbines per year

## Medium Scenario

### 20GW by 2050

#### CAPACITY DEMAND IN 2050

Domestic electricity & E-fuels (5GW - 10GW)

Electricity export (5 GW – 10 GW)

E-fuels export (5 GW – 10 GW)

#### CAPACITY SUPPLY PROFILE

~1,000MW from 2033

~65 turbines per year

## High Scenario

### 30GW by 2050

#### CAPACITY DEMAND IN 2050

Domestic electricity & E-fuels (5GW - 10GW)

Electricity export (10+ GW)

E-fuels export (10+ GW)

#### CAPACITY SUPPLY PROFILE

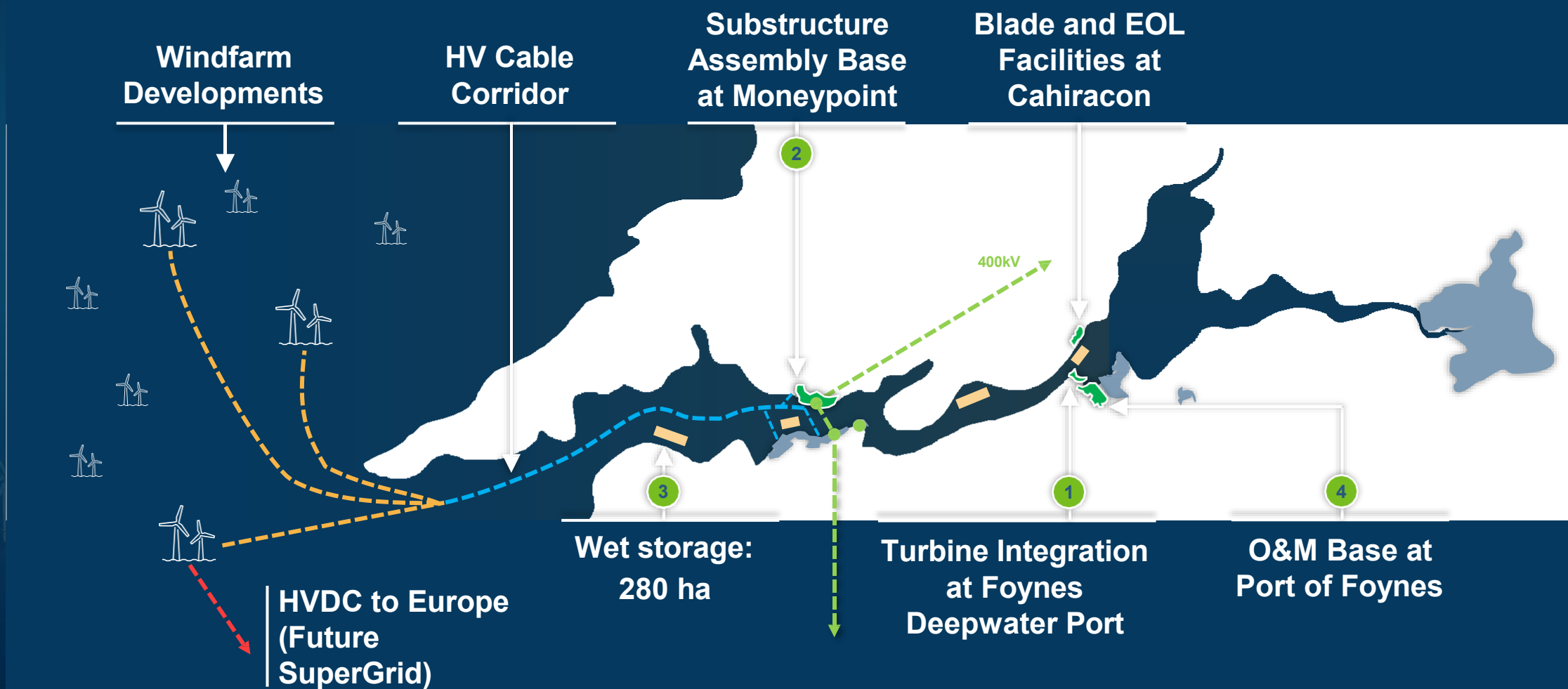
~1,800MW from 2038

~120 turbines per year

# Delivering Floating Offshore Wind at Scale from the Shannon Estuary

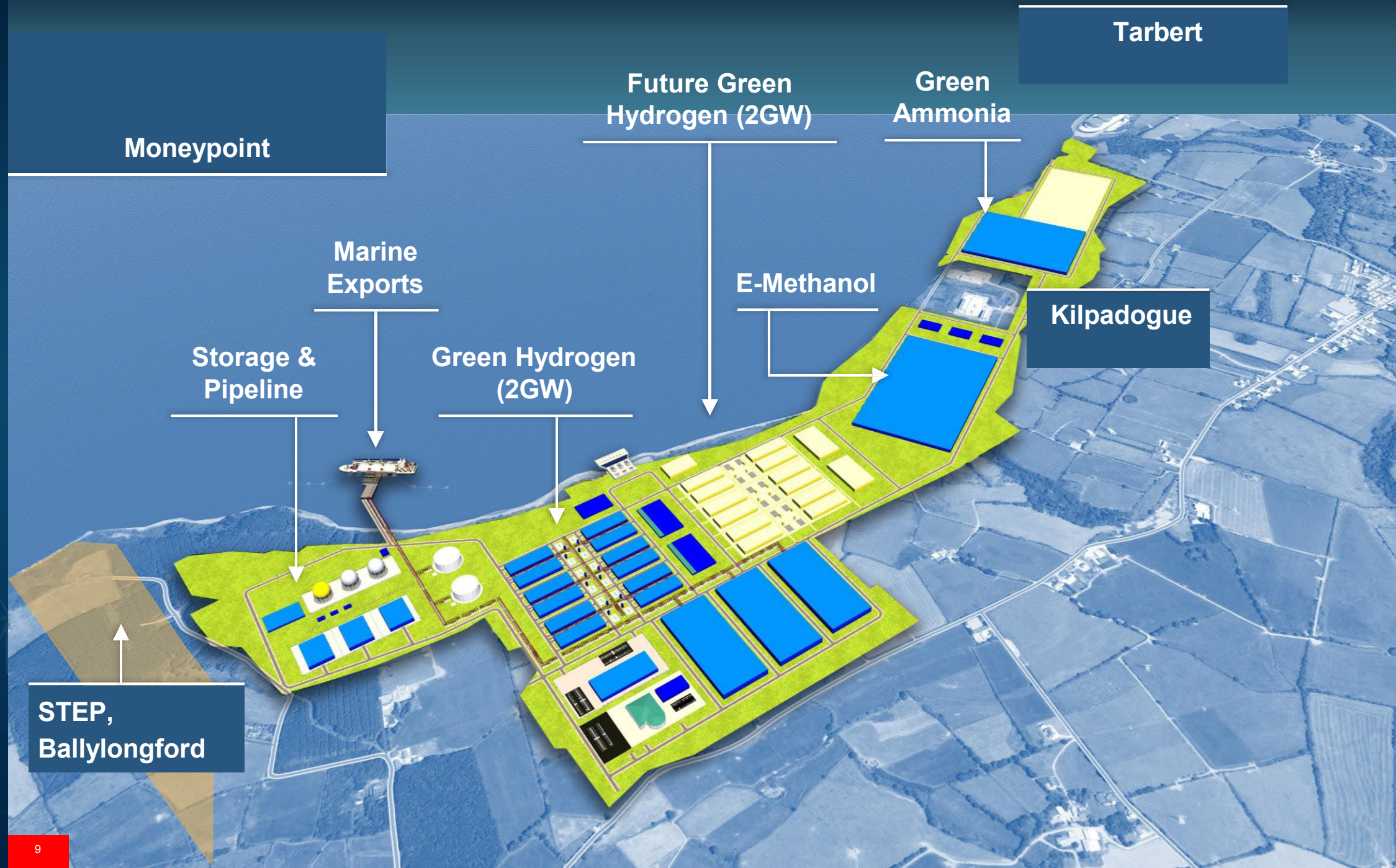


2022-2025	2026-2030	2031-2035	2036-2041
Estuary Substations Upgrades and Expansions	Foynes Turbine Integration Phase 1 Green Atlantic at Moneypoint Wet Storage Windfarm O&M base at Port of Foynes	Foynes Turbine Integration Phase 2 Misc. Fab support at Port of Foynes Blade manufacturing at Cahiracon Port facilities at Cahiracon	Foynes Turbine Integration Phase 3 Windfarm EOL facilities at Cahiracon





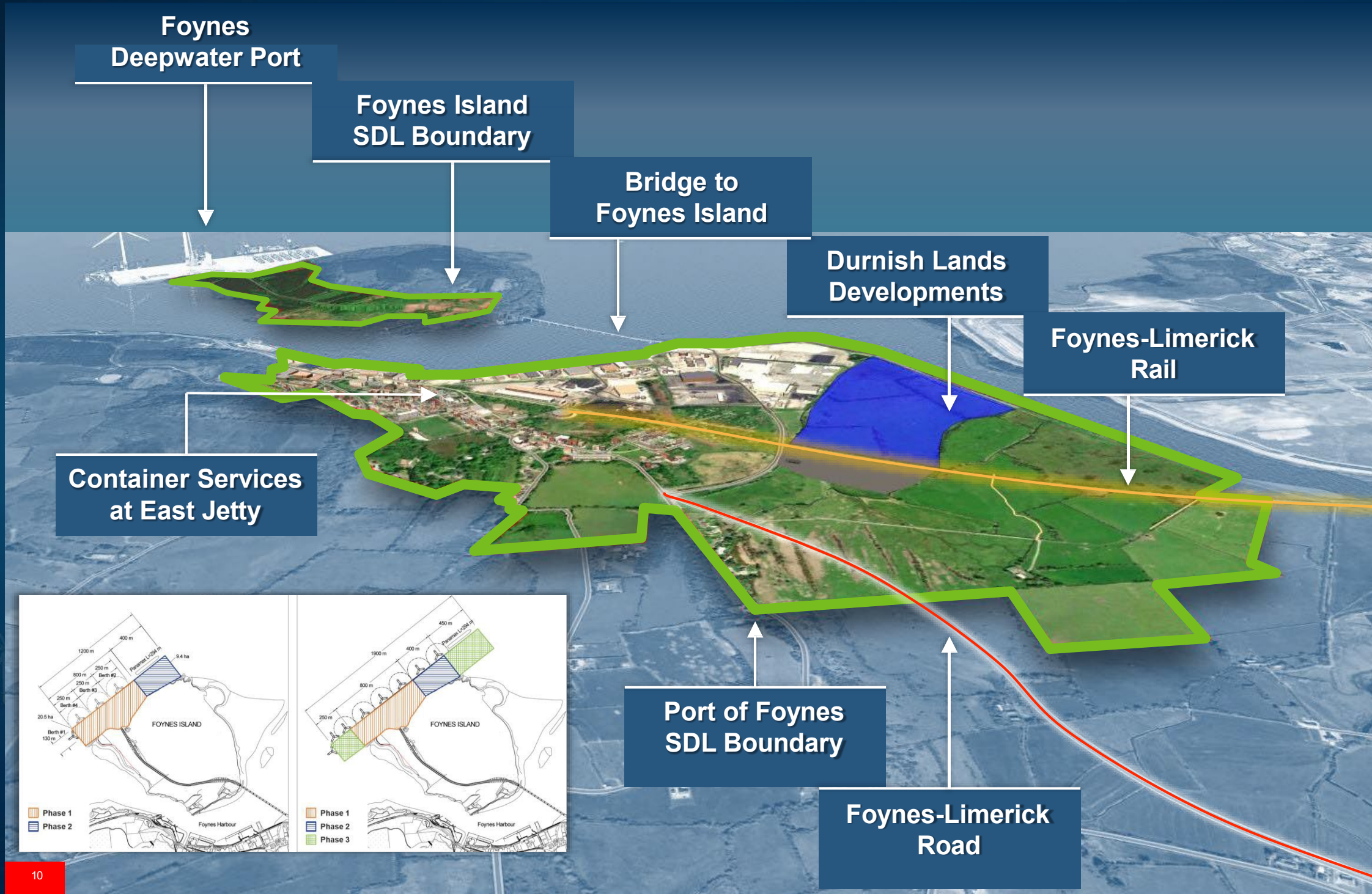
# Shannon Estuary – Green Hydrogen & Derivatives Production



STEP,  
Ballylongford



# Port of Foynes Developments





# Delivering Floating Offshore Wind at Scale from the Shannon Estuary





# Major Infrastructure Developments

1

Port of Foynes Expansions



2

Foynes Deepwater Port



3

Estuary Cable Corridor



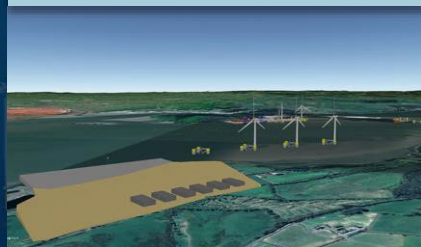
4

Green Hydrogen at Ballylongford



5

Cahiracon Port Facilities



6

Green Atlantic at Moneypoint



7

Foynes-Limerick Road



8

Foynes-Limerick Rail





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