

*Delivering Energy Independence for Ireland*  
*Our Onshore and Offshore Wind Energy Opportunity*

Noel Cunniffe, CEO, Wind Energy Ireland

*EUFORES – Irish National Parliamentary Workshop*

22 May 2024

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



# Wind Energy Ireland represents over 200 companies

Members across existing assets, development & supply chain for onshore & offshore wind:



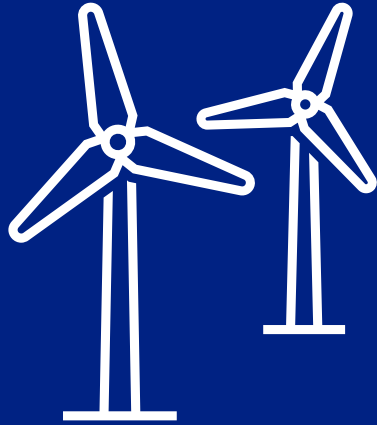
Wind energy is Ireland's greatest asset in responding to the climate emergency.

Ireland will be energy independent.

The decisions we make now  
will decide when.

# We have the targets and we have the pipelines

Ireland must cut CO<sub>2</sub> emissions by 30 million tonnes per year by 2030.  
Power sector emissions must be cut by 75%.

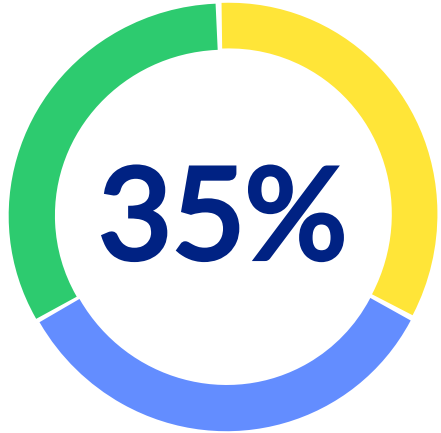


By 2030 we need to deliver  
**9,000 MW** of onshore wind



By 2030 we need to deliver  
**5,000 MW** of offshore wind

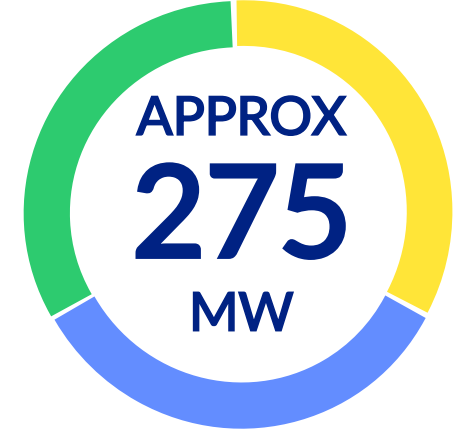
# Wind works. 2023 proved that.



**35%**

of Ireland's  
electricity from  
wind in 2023

Capacity of new  
onshore wind farms  
connected in 2023



APPROX  
**275**  
MW



**#1**

**best year** on record for  
wind energy generation



**1 GW+**

of new onshore  
wind farms entering  
the planning system

The competitive price  
of Ireland's first ever  
offshore wind auction



**€86**  
PER MWh

# Wind works. And it's lowering prices for consumers.

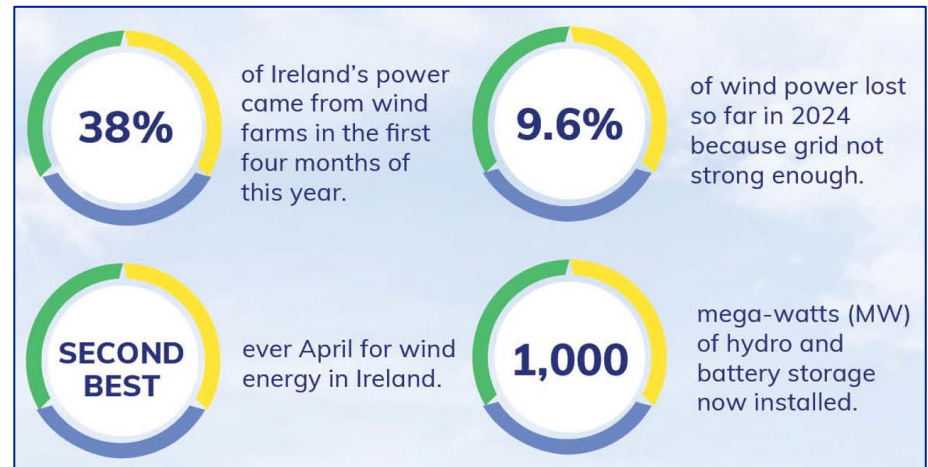
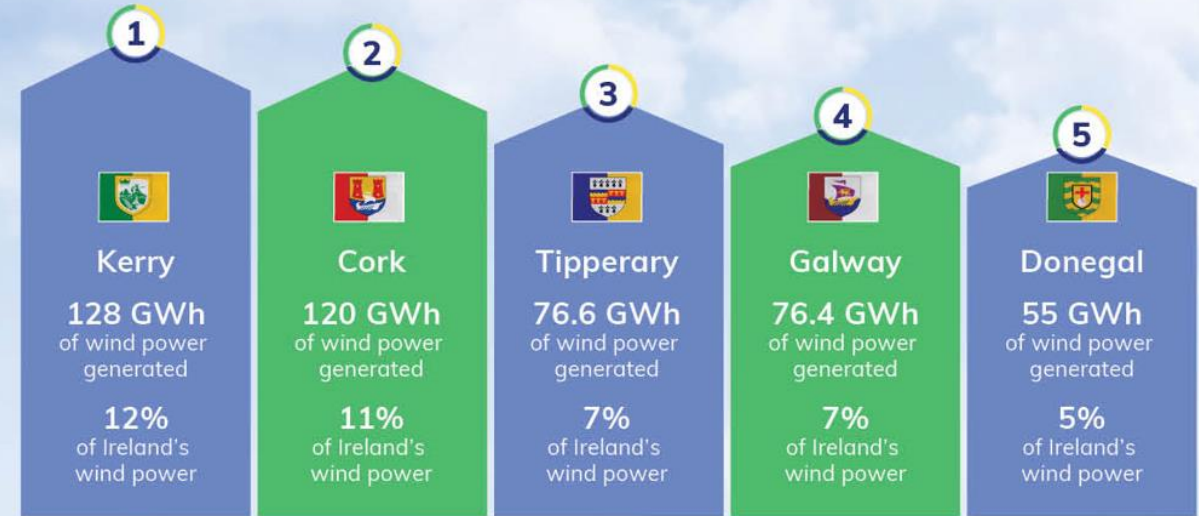
In April 2024 the Average Price of Electricity on the days with:



## MONTHLY PRICE COMPARISON



## Top 5 counties for wind power generation in April 2024

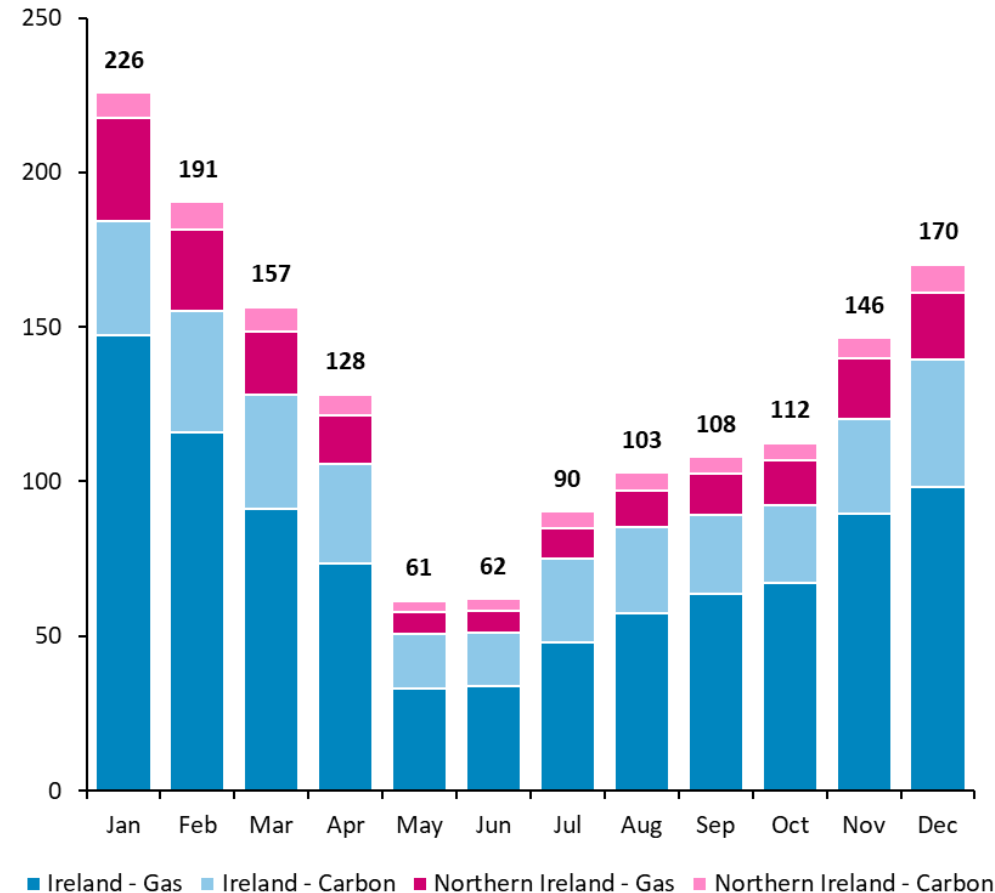


# Wind energy saved €1.6 billion in gas costs in 2023

Wind also saved the equivalent annual emissions of 1.9 million cars across the island

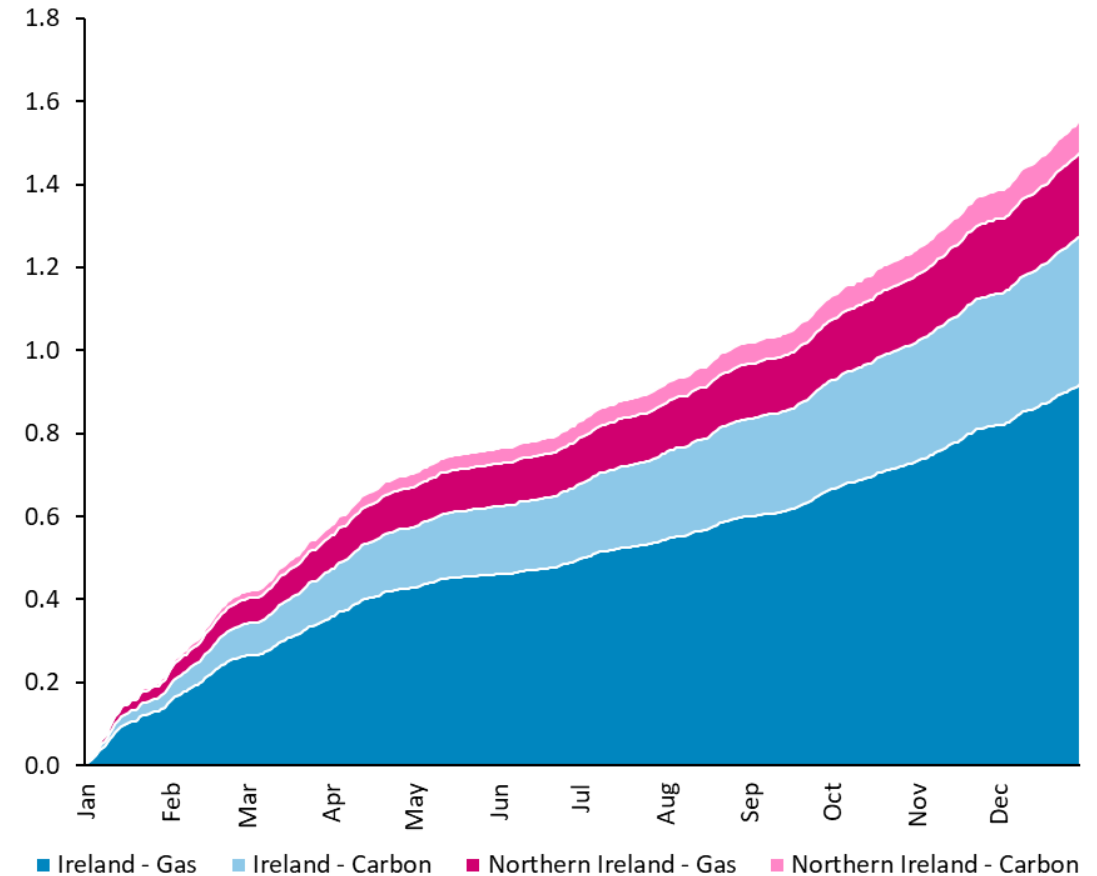
Monthly Cost Savings | January – December 2023

€m, nominal



Cumulative Savings | January – December 2023

€b, nominal



# Offshore wind progress – This is what it looks like

**3,074 MW**  
Procured in ORESS 1

North Irish Sea Array  
Dublin Array  
Codling Wind Park  
Sceirde Rocks

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**5,000 MW**  
2030 offshore target



**€86.05 / MWh**  
Average Weighted Price

**Oriel & Arklow**  
Still Moving Ahead

Project Name	Offer Qty
1. North Irish Sea Array (NISA)	500 MW
2. Dublin Array	824 MW
3. Codling Wind Park	1,300 MW
4. Sceirde Rocks Offshore Wind Farm	450 MW

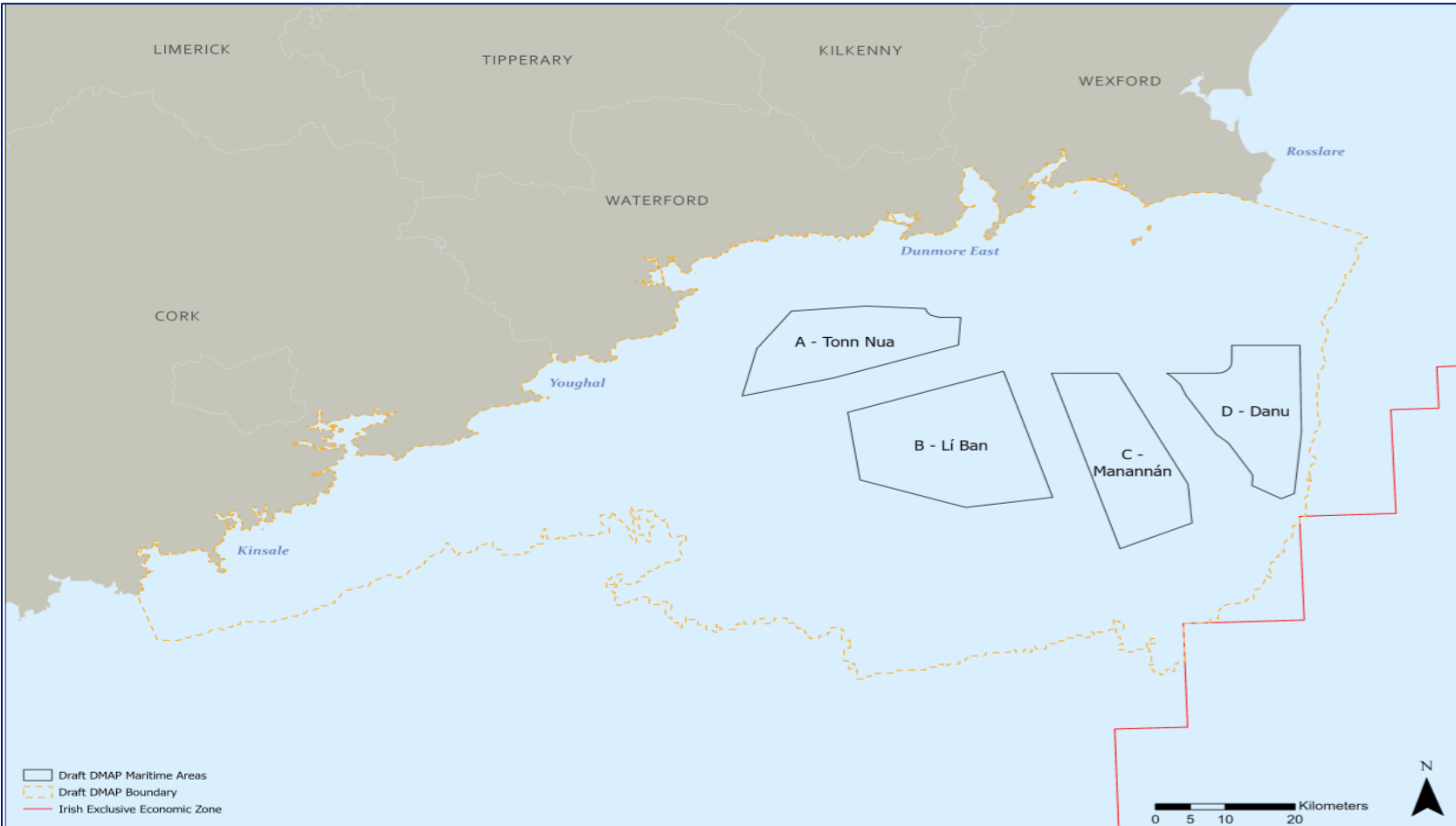


# Offshore wind – our next step – South Coast DMAP

**South Coast DMAP  
Out for Consultation  
Needs approval by July**

**Tonn Nua – 900 MW  
Auction later this year**

**5GW+ Capacity  
Potential in DMAP**

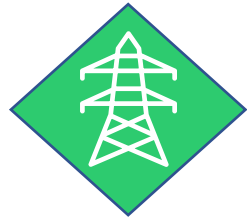


Progress on future DMAPs critical to continue expanding our offshore opportunity

# We need to tackle the risks to deliver



## The Planning System



## The Electricity Grid

We Support

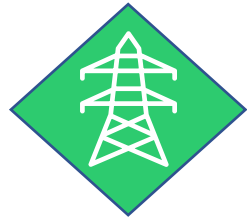


Join us at [buildourgrid.ie](https://buildourgrid.ie)

# We need to tackle the risks to deliver



The Planning System



The Electricity Grid



The People



#WorkinWind

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A photograph of two workers in a wind turbine nacelle. They are wearing hard hats and high-visibility vests. One worker is holding a tablet. A blue, semi-transparent AR overlay is projected onto the scene, showing a 3D model of a wind turbine and various data points. The text "Work in Wind" is overlaid in white on the image.

# Work in Wind

**The wind energy industry is growing at a rapid pace. We are creating a future free of fossil fuels. Whatever your passion, we have a meaningful career for you.**

[www.workinwind.ie](http://www.workinwind.ie)

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**WIND ENERGY  
IRELAND**

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