

What Coastwatch Thinks of Offshore Renewable Energy?

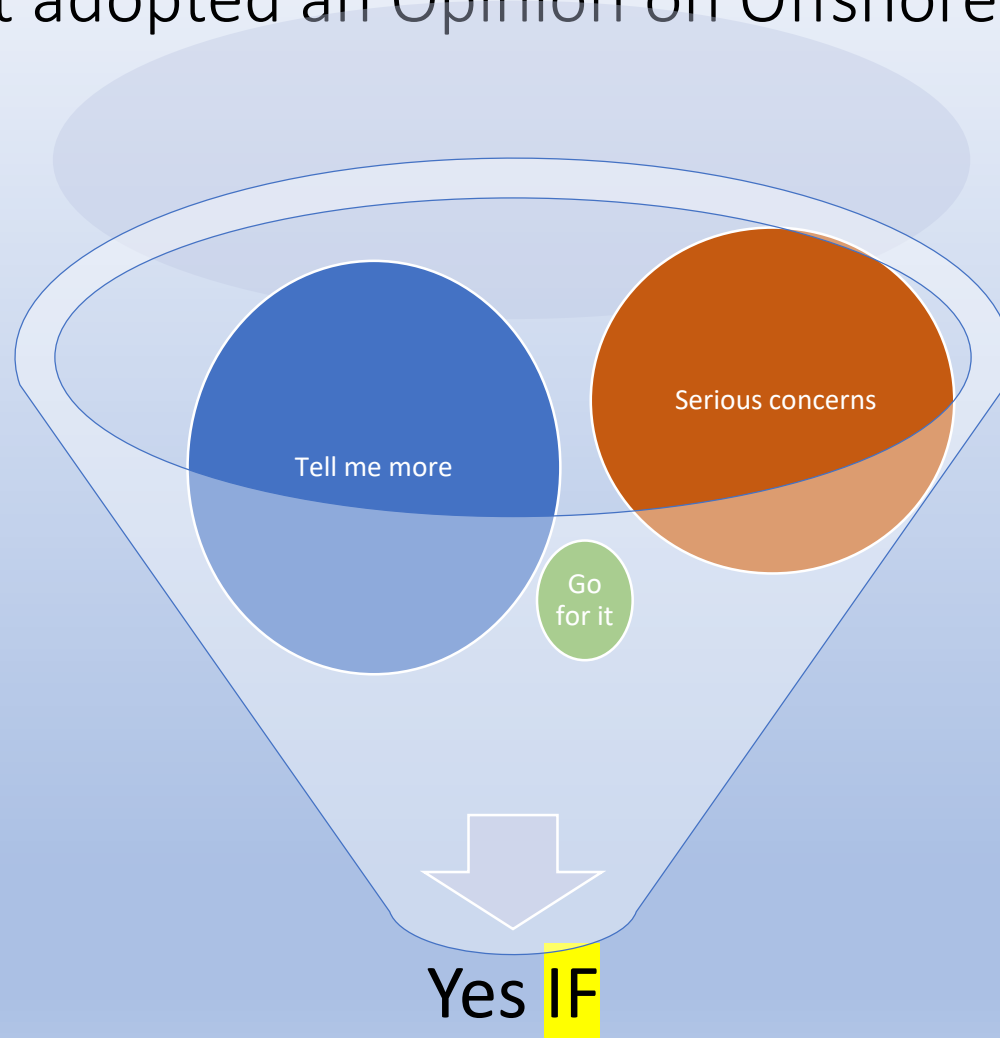
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Coastwatch has not adopted an Opinion on Offshore Energy

- View pools



Dilemma



Ireland needs to develop alternative E

But

- Development of 'green' energy should not come at the expense of our near shore marine environment.
- The industry is developing fast in its own bubble
- Ireland is lagging behind on MPA designation, conserving sensitive habitats and marine -coastal landscapes as important parts of the natural heritage we pass on to the next generation.

Current Status of Offshore Wind farms in Ireland. (

from Baseline report 4C Offshore, 2018)

Project	Location	Status	Sea Area (km2)	Distance from Shore (Km)	No. of Turbines	Turbine Size (MW)	Total MW	Turbine Height (m)	Hub Height (m)	Rotor Diameter (m)
Arklow 1	Arklow Bank	Constructed	2	10	7	3.6	25.2	125.5	73.5	104
Arklow 2	Arklow Bank	Permitted 2002	64	11	193 (?)	3 (?)	494.8	125.5 (?)	73.5 (?)	104 (?)
Codling 1	Codling Bank	Permitted 2005	59	13	220	5	1,100	160	100	120
Codling Extension	Codling Bank	Application submitted	55	13	200	5	1,000	N/A	N/A	N/A
Dublin Array	Kish and Bray Banks	Application submitted	59	10	145	3-6	520 (364-600)	165	100	100
Oriel	Dundalk Bay	Public consultation completed	24	7.8	55	6	330	160	100	100
Sceirde Rock	Galway Bay	Application submitted	4	5.9	20	5	100	140	80	80
Cumulative			267	Average 10.1	840		3,570			

LACK OF RELIABLE INFORMATION

Most people do not know enough about offshore renewable energy and those who have got engaged (usually as there is something happening near them), distrust both industry and the department of energy to tell the full story. This feeds Queries and Concerns.

When they hear the number of wind licenses granted they cant believe it!

Need to Trust basic information Referendum commission like approach

On the one hand And on the other

QUERIES AND CONCERNS

1. VISUAL IMPACT
2. LANDFALL SITING AND WHAT IT ENTAILS
3. IMPACT ON BIODIVERSITY incl noise - construction and operation
4. END OF LIFE AND WASTE
5. LOCATION BEFORE MPA network is complete. TIES NEAR SHORE LOCATIONS PERMANENT/LONG TERM INTO 1 USE
6. CUMULATIVE EFFECTS of climate change and proliferation of activities
7. DESIGN - TOR TO MAXIMISE ECOSYSTEM SERVICES?
8. MONITORING - REPORTING - REACTION
9. MITIGATION – VARY DEPENDING ON SITE.

VISUAL IMPACT

- Distance from shore -
- The sheer misery of a cage effect industrial look
- The average distance from shore of offshore wind farms under construction in the EU in 2017 was 40km. This compares to 10 km (range 6-13km) for developments proposed and permitted in Irish waters. Netherlands has adopted a policy of 'free horizon' to 22km+.

<https://www.irelandhighlights.com/info/kilmichael-point/>

What is this? And this ?



Swept up last week N wexford

THANK YOU

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