



Energy for  
generations

# WestWave update MRIA Conference

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ESB Innovation.

7<sup>th</sup> February 2014

**“Bring sustainable and competitive energy solutions to all our customers”**

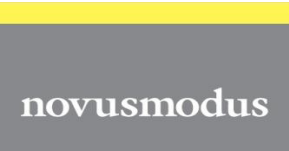
## Innovation Focus



**Emerging Technologies**



**Telecoms**



## Sustainable Generation



- Efficient CCGT
- Wind & Ocean
- Other low carbon

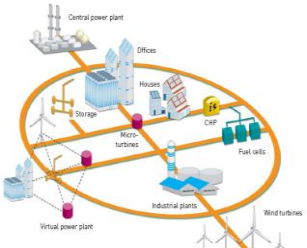
## International Growth



- All Islands Market
- ESB International



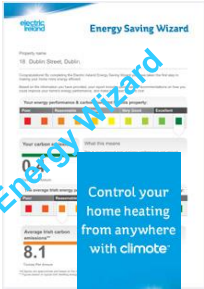
## World Class Networks



- Infrastructure
- Smart Meters
- Smart Networks



## Customer Focus



Control your home heating from anywhere with climate



First wave array in Ireland: 5 MW

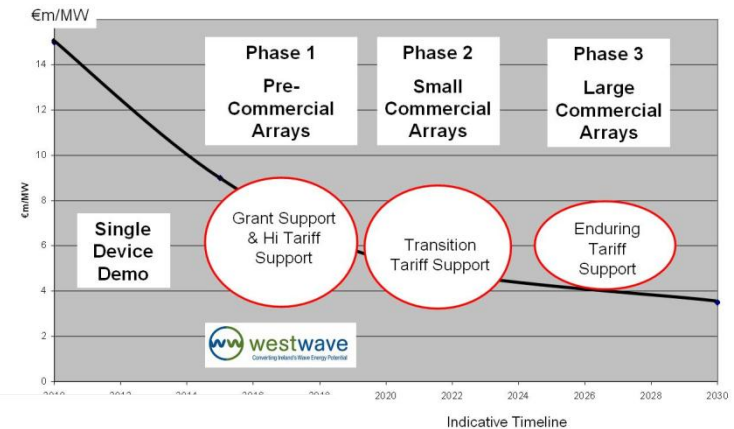
2018 :- Challenging but achievable

Critical project in ocean energy development roadmap

- demonstrate technology readiness
- develop capability and supply-chain
- gain public acceptance
- disseminate learnings
- prove opportunities in Ireland

Innovation and collaboration is key

Indicative Wave Energy Cost Trajectories (€/MW installed)





**Initial stage**

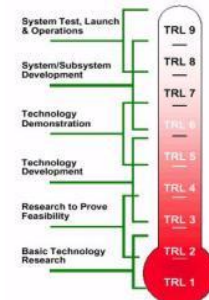
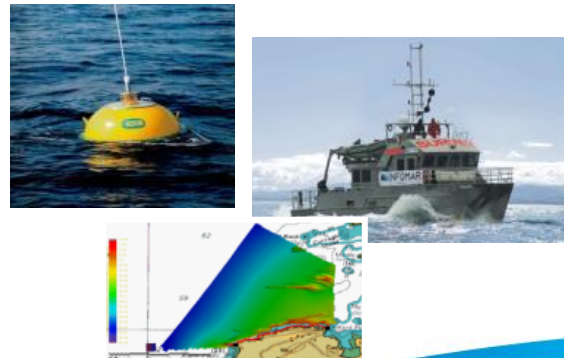
**2011 - 2013**



**Feasibility**

**Technology standards**

**Site Selection**



**Dissemination**

**Consent work**





**Policy**



**Stage 2**



**Procurement**



**Partnerships & Dissemination**

**Technology, R&D Support**

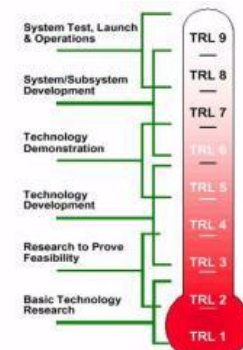
**Communications And Consenting**



**NER300**



**EUROPEAN COMMISSION**



# In Summary.....

