



An Roinn Comhshaoil,  
Aeráide agus Cumarsáide  
Department of the Environment,  
Climate and Communications

# Offshore Renewables Policy Landscape

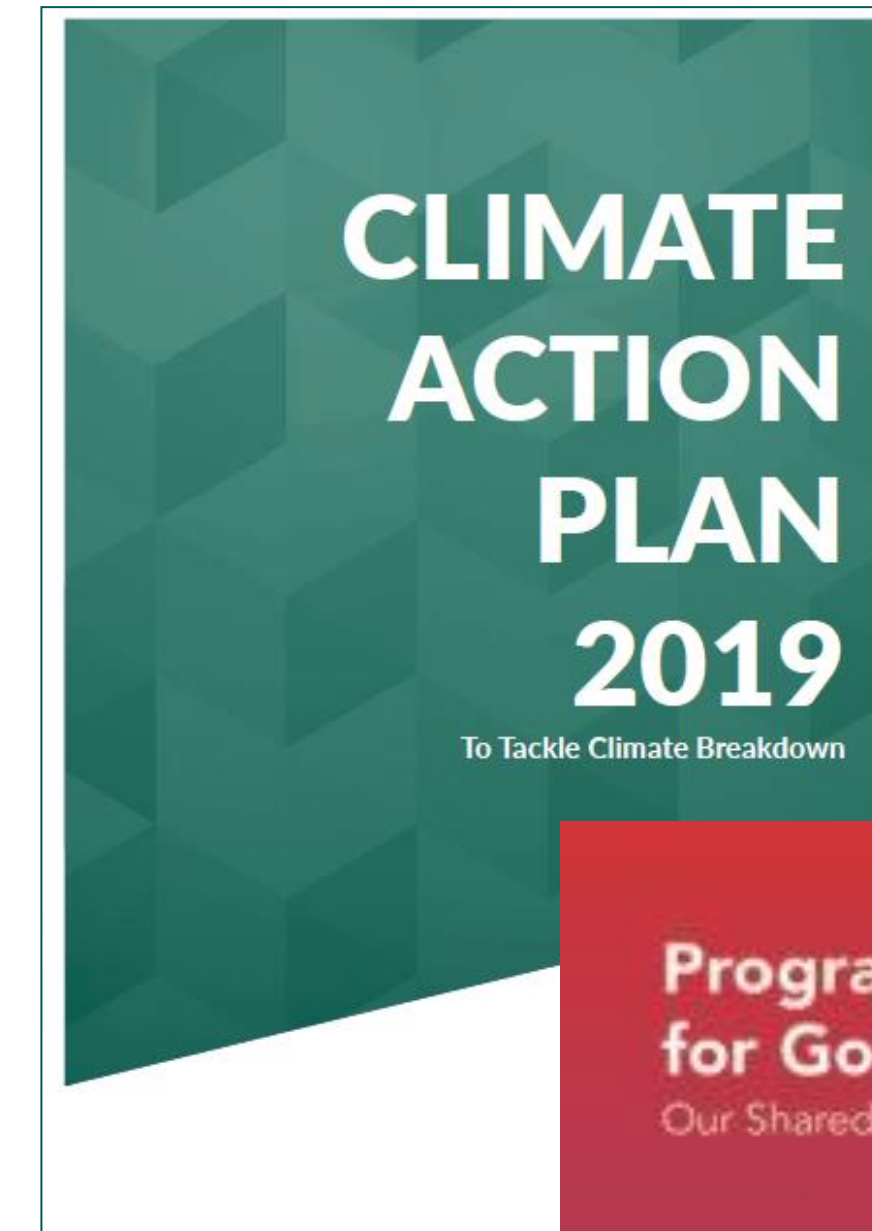
Martina Hennessy

Offshore Energy – Environment & Consenting Division

# National Policy Context



- 2019 Climate Action Plan target of 70% of Ireland's electricity from renewable sources by 2030
- Included 3.5GW of offshore wind
- 2020 Programme for Government increased this to 5GW of offshore wind on the east and south coasts by 2030
- Longer term plan to achieve 30GW of floating wind power



# European Policy Context



- Low domestic demand, high resource capacity
- EU Strategies
  - *Sectoral integration*
  - *Hydrogen Strategy*
  - *Offshore Energy Strategy*
- European electricity and hydrogen requirements
  - *Offshore up to 20 times existing capacity by 2030*
- Research and planning on
  - *Floating wind*
  - *Green Hydrogen opportunity*

# DECC Delivery Plan



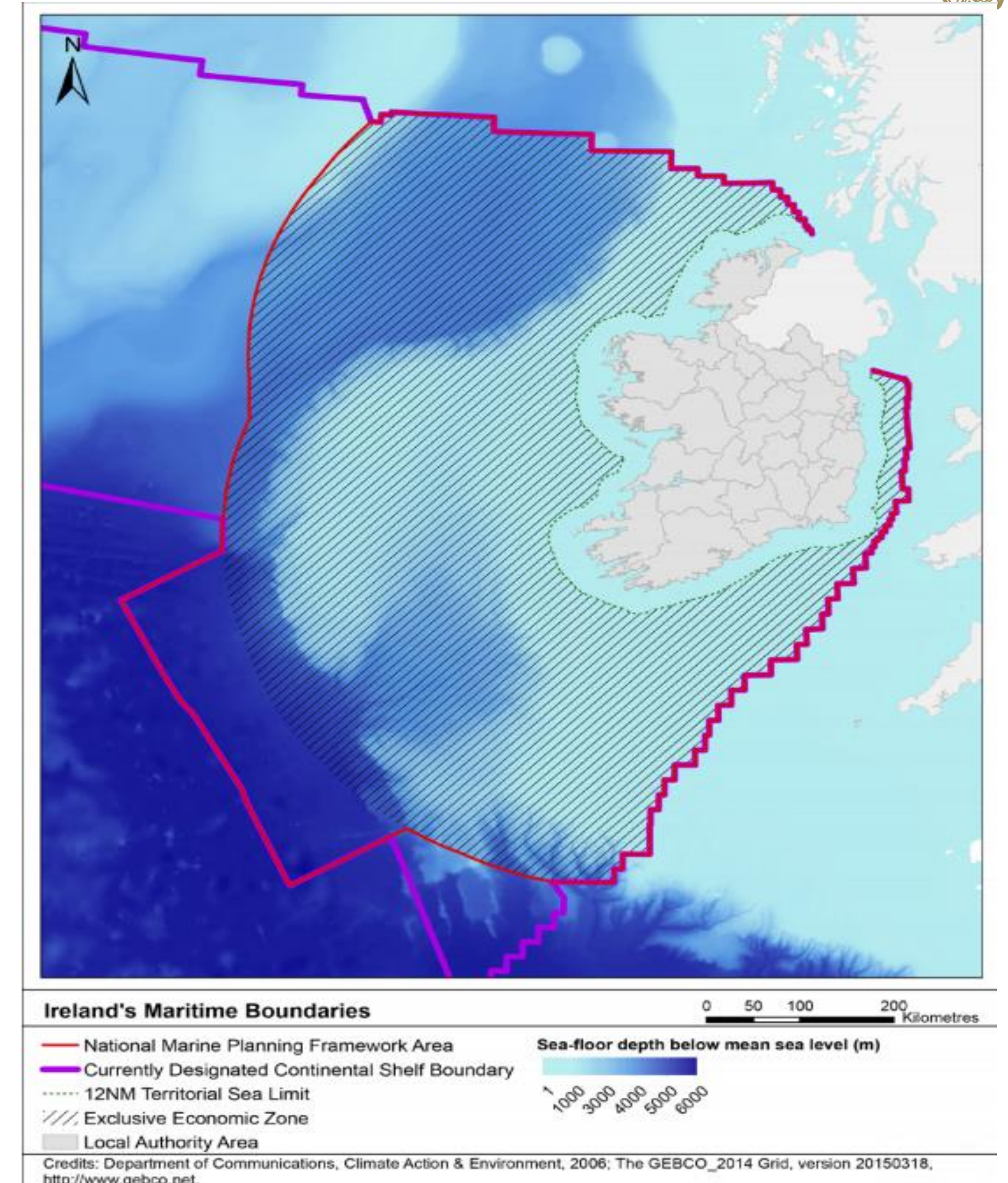
1. New Marine Planning regime – legislation and consenting
2. Offshore Renewable Energy Development Plan
3. Offshore Grid Policy
4. Renewable Electricity Support Scheme (RESS)



# Marine Planning & Development Management Bill



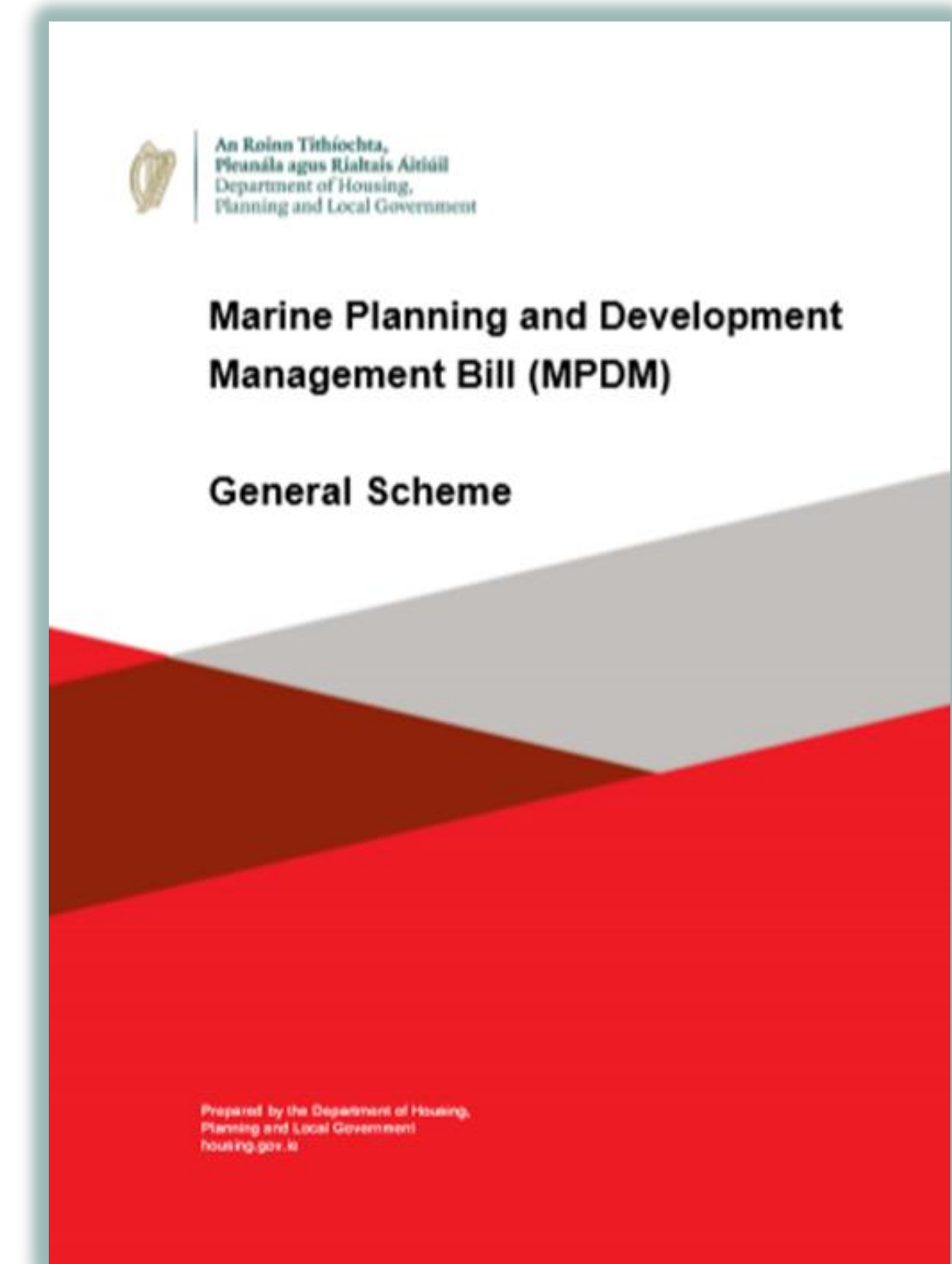
- Modern regulatory framework to replace the Foreshore Act
- Create a new single State consent regime for the entire Maritime Area beyond 12nm
- Provide for a single development consent for all projects via An Bord Pleanála



# Legislation - Current Status



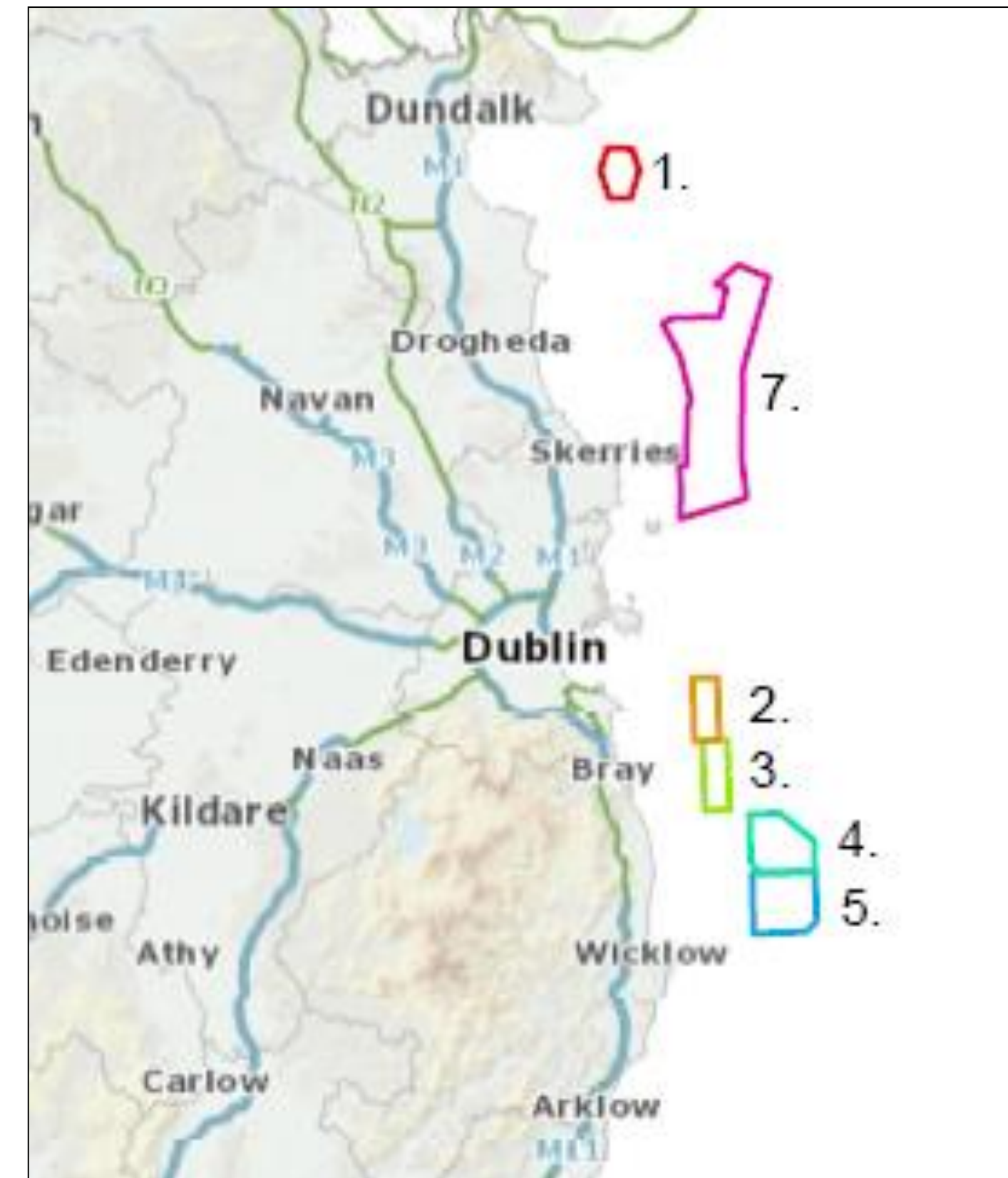
- Work is led by colleagues in DHLGH
  - *ORE specific provisions included*
- Pre-legislative scrutiny Nov – Dec 2020
- Next steps:
  - *Committee report anticipated*
  - *Bill to be published*
  - *Scrutiny in the Oireachtas*



# Pipeline of Projects



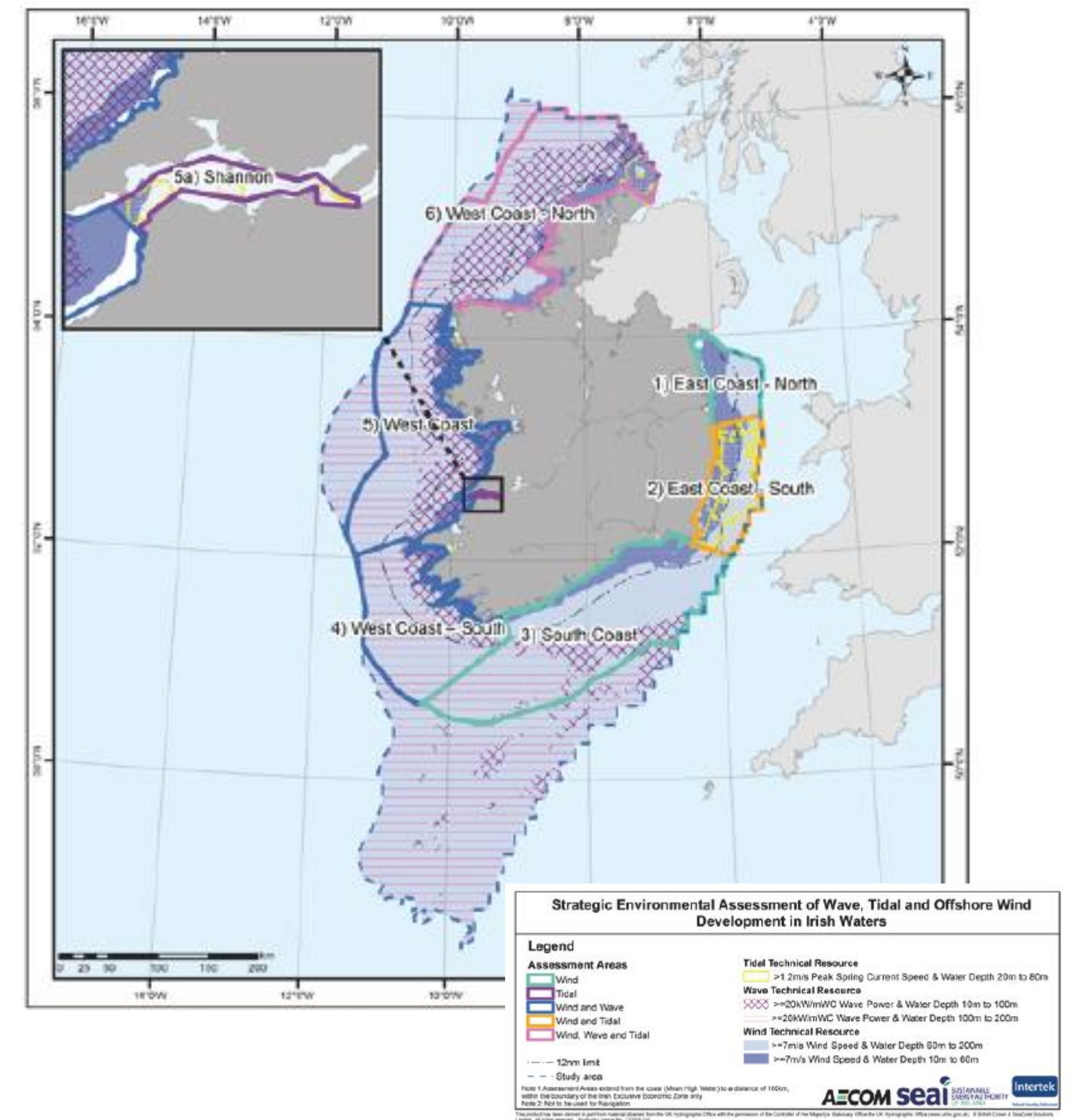
- Transition Protocol
  - *7 ORE projects advanced under Foreshore Act*
  - *First projects expected to apply for state consents under MPDM*
  - *Potential 3 GW of capacity*
- Need for another batch of transitional projects “Phase 2”
  - *Robust, objective approach in development*



# Offshore Renewable Energy Development Plan (OREDPA)



- Underpins ORE strategy
- First plan published in 2014
- Assessed potential for each technology option at a variety of locations
- Identified resource potential of 70GW around the Irish coast
- Interim review in 2018





# Drivers for an Updated OREDP



- More data now available
- Technology advances
  - *Wind, wave, tidal*
  - *Floating wind especially relevant for the west coast*
  - *Other emerging technologies*
- Identify areas for future ORE development
  - ***Enable move to a plan-led model***
  - ***Underpin designation of Strategic Marine Activity Zones (SMAZ) under the MPDM***



# In conclusion



- We're at an critical juncture for offshore renewables
- Key for delivery on national and EU emission reduction targets
- Critical to underpin our move to a carbon neutral economy by 2050
- Potential benefits to coastal communities
- Significant work underway within DECC and across government to maximise the opportunities



Source: IMERC