

# Renewable Targets and Policies

**RIDP Stakeholder Seminar**

**Andrew Cooke, EirGrid**

**19<sup>th</sup> April 2011**



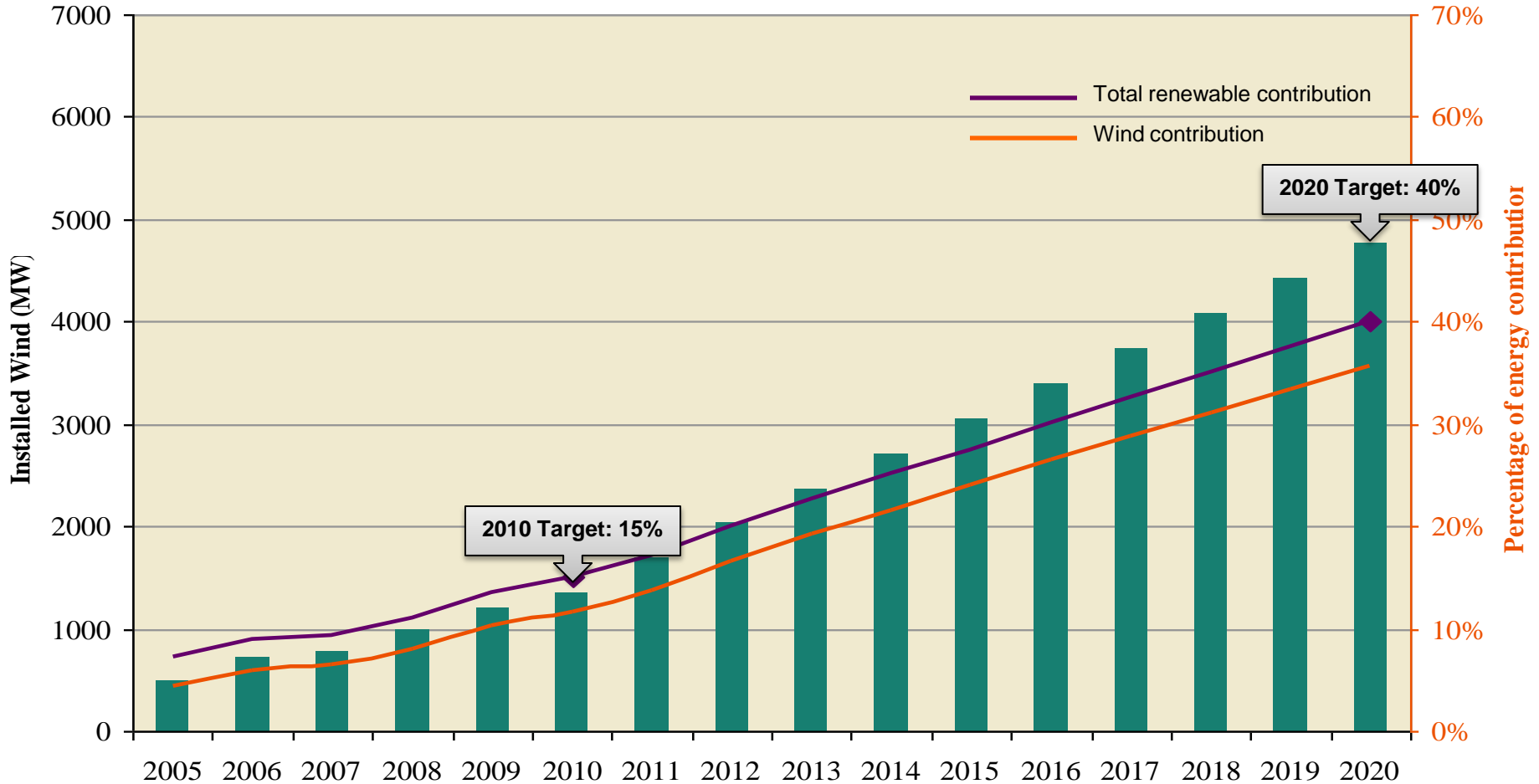
**RIDP**

Renewable Integration  
Development Project

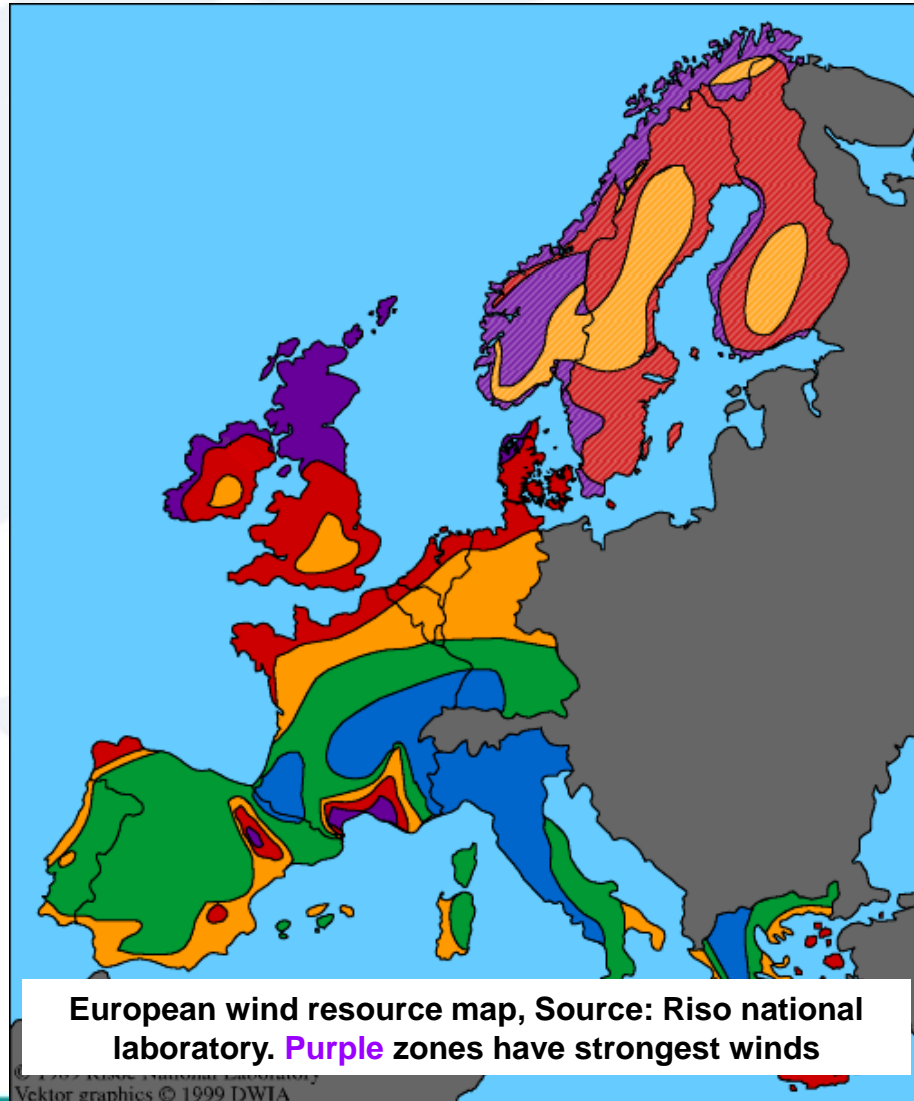
# Policy Drivers

- Europe (2020) focuses on  
Security of supply / Renewables / Further interconnection/  
Competiveness (energy markets)
- Northern Ireland  
SEF – Strategic Energy Framework 2010 – Network 25 pending
- Ireland  
White Paper, All Island Grid Study

# National Targets

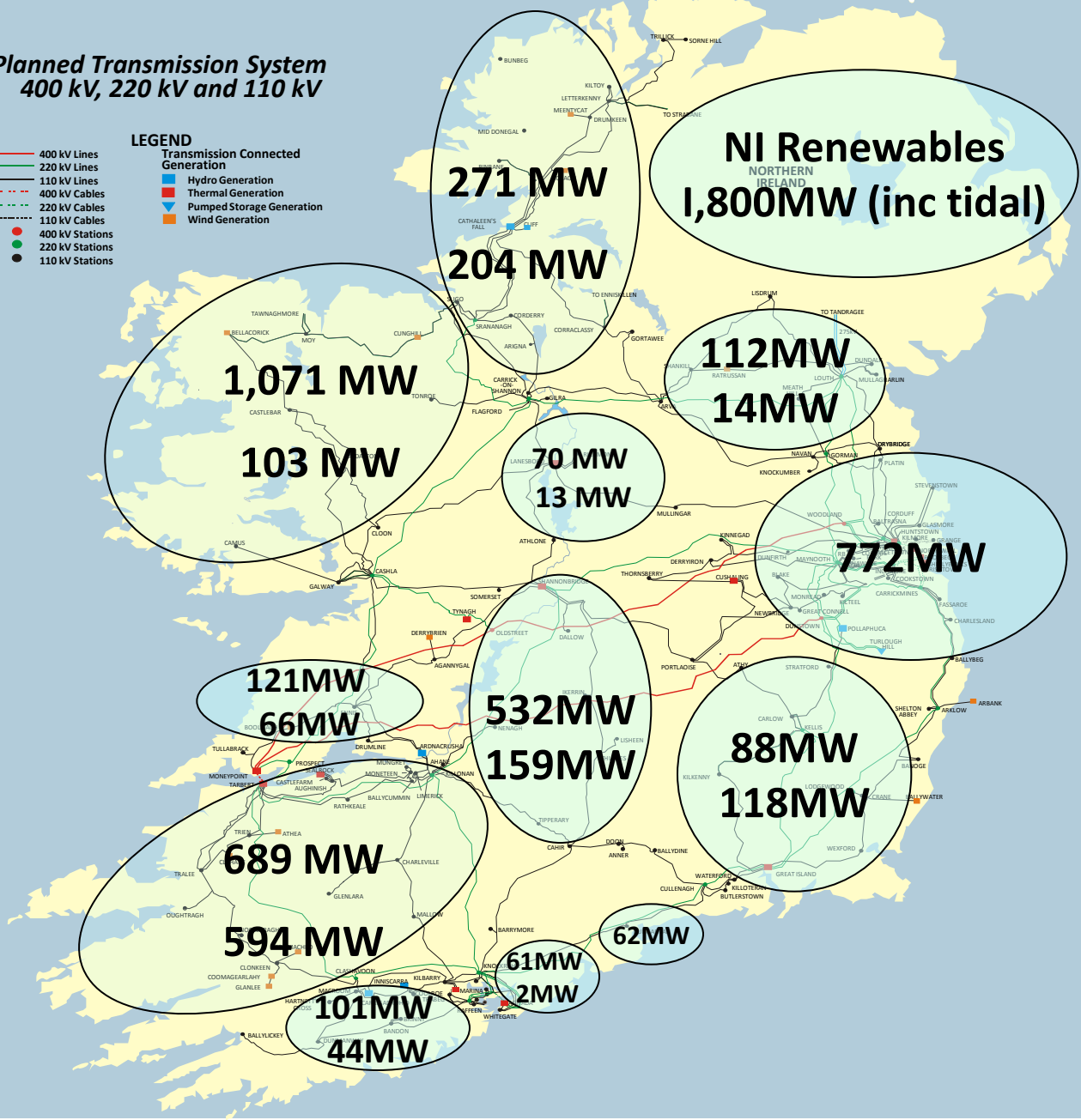


# Ireland's Renewable Resources



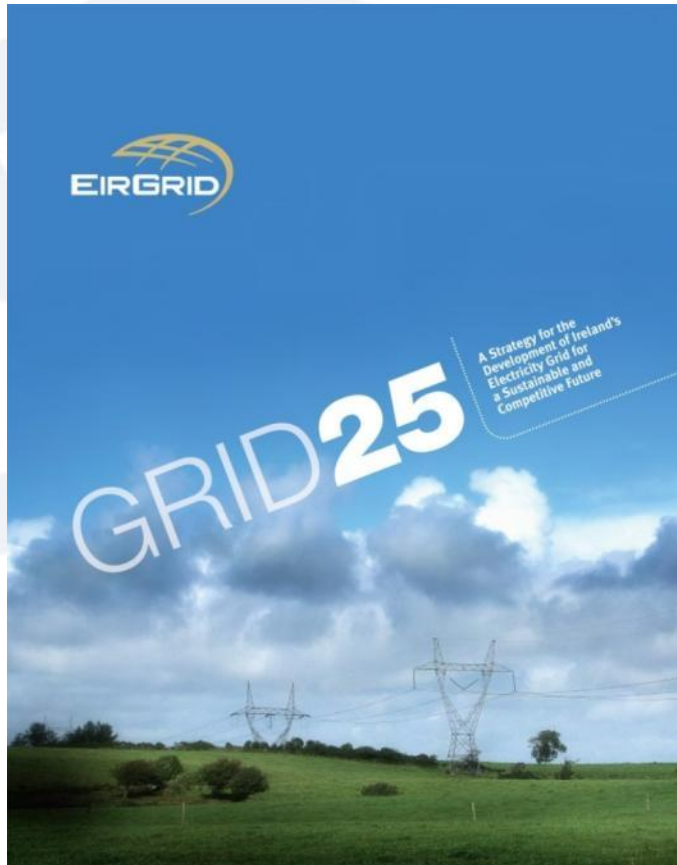
**Planned Transmission System  
400 kV, 220 kV and 110 kV**

- LEGEND**
- 400 kV Lines
  - 220 kV Lines
  - 110 kV Lines
  - - - 400 kV Cables
  - - - 220 kV Cables
  - - - 110 kV Cables
  - 400 kV Stations
  - 220 kV Stations
  - 110 kV Stations
- Transmission Connected Generation**
- Hydro Generation
  - Thermal Generation
  - Pumped Storage Generation
  - Wind Generation



Wind Applications in MW

# Realisation



- Grid**25** Programme to develop the grid
- 2,200km Upgrades
- 1,150km New Build
- €3.3 billion investment

# Thank You



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