



Economic Evaluation of Marine Renewable Energy

Niall Farrell
1st Year Beaufort Ph.D Fellow
Socio-Economic Marine Research Unit
NUI, Galway

Supervisors: Dr Cathal O'Donoghue and Dr. Karyn Morrissey

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SEMURU

Economic Evaluation of Marine Renewable Energy

- Primary tool of analysis: Development of a Spatial Model of the Irish Electricity sector
 - Augmentation of the Teagasc Spatial Microsimulation of the Irish Local Economy (SMILE) model to achieve this
 - Particular attention is being paid to the disaggregation of Offshore Wind, Wave and Tidal in the development of this framework

Economic Evaluation of Marine Renewable Energy

- Primary topics of analysis:
- Supply side analysis:
 - Creation of a profile of supply is coupled with an assessment of investment in offshore energy under uncertainty
 - Assess many of Supply Side Constraints in Offshore Deployment
- Socio-Economic Analysis of Downstream Economic Effects:
 - Regional Analysis using SMILE framework
 - Assess the implications for the Irish Local Economy, given deployment scenarios