



Developing Renewable Energy Projects

Development Manager

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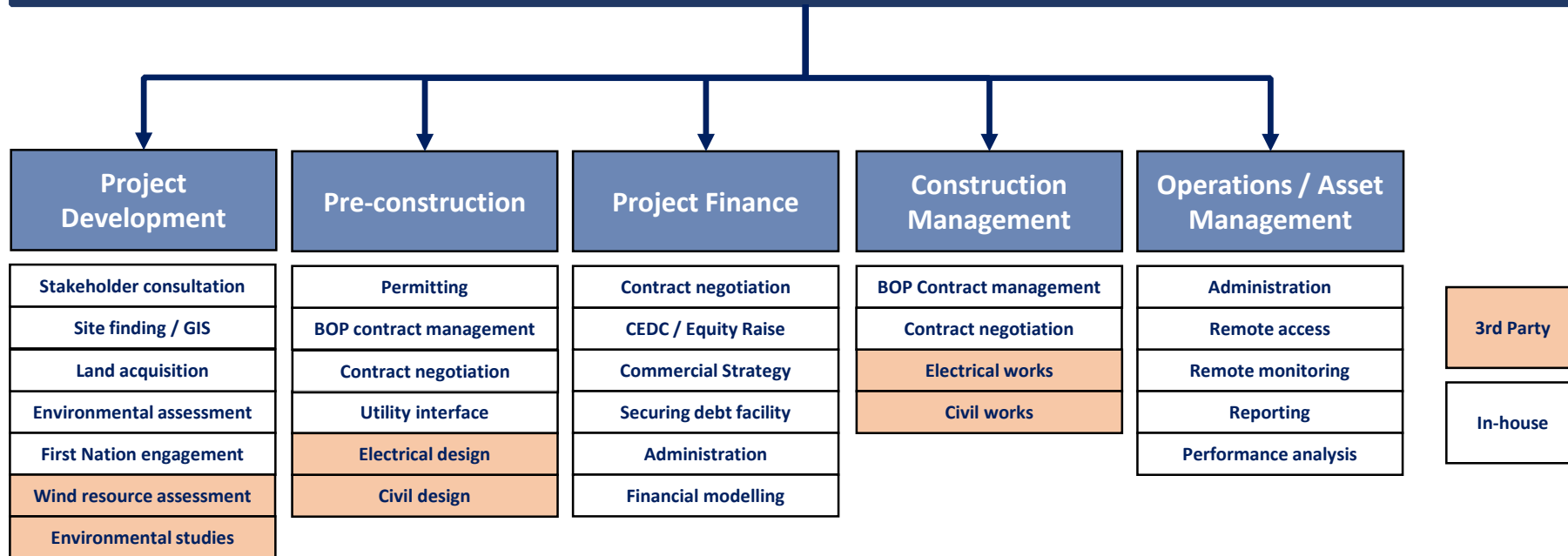


- Experienced Development Team to manage all phases of development
 - Solar
 - Wind
 - Battery
 - Hydro
- Focus on Developing projects in partnership with Communities
 - 4 Community Partnerships in Development (5MW)
 - 3 mid range projects <20 MW
 - 1 Large Scale Project ~100MW

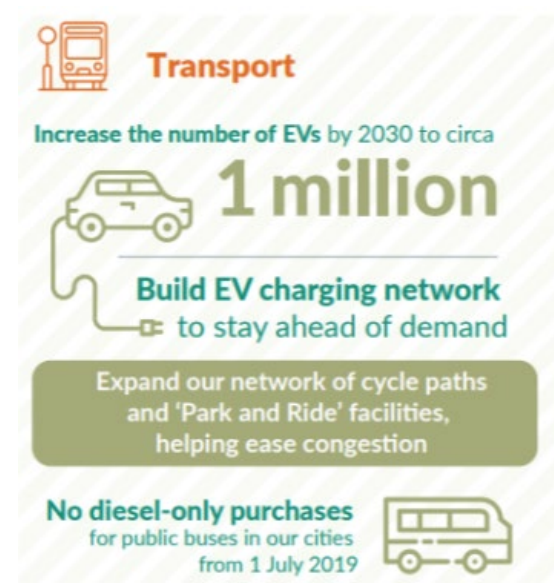
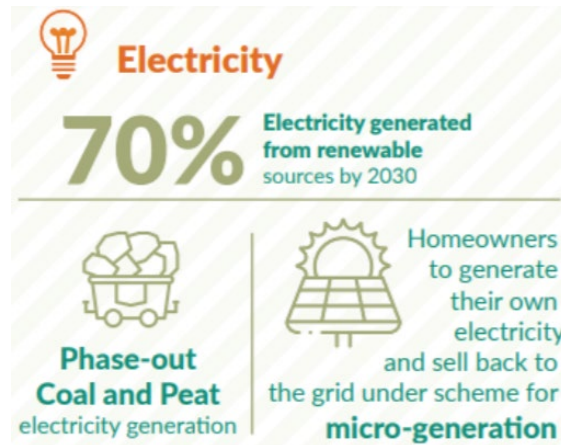
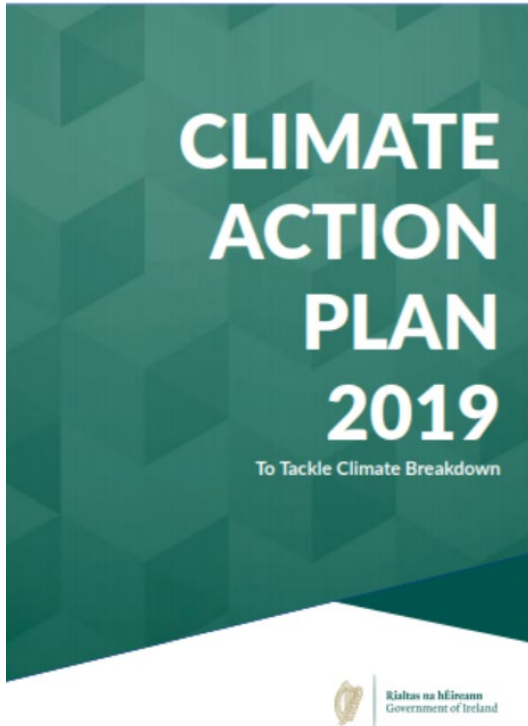


Developing, constructing, owning, and operating wind, solar, and hydro projects – the full cycle

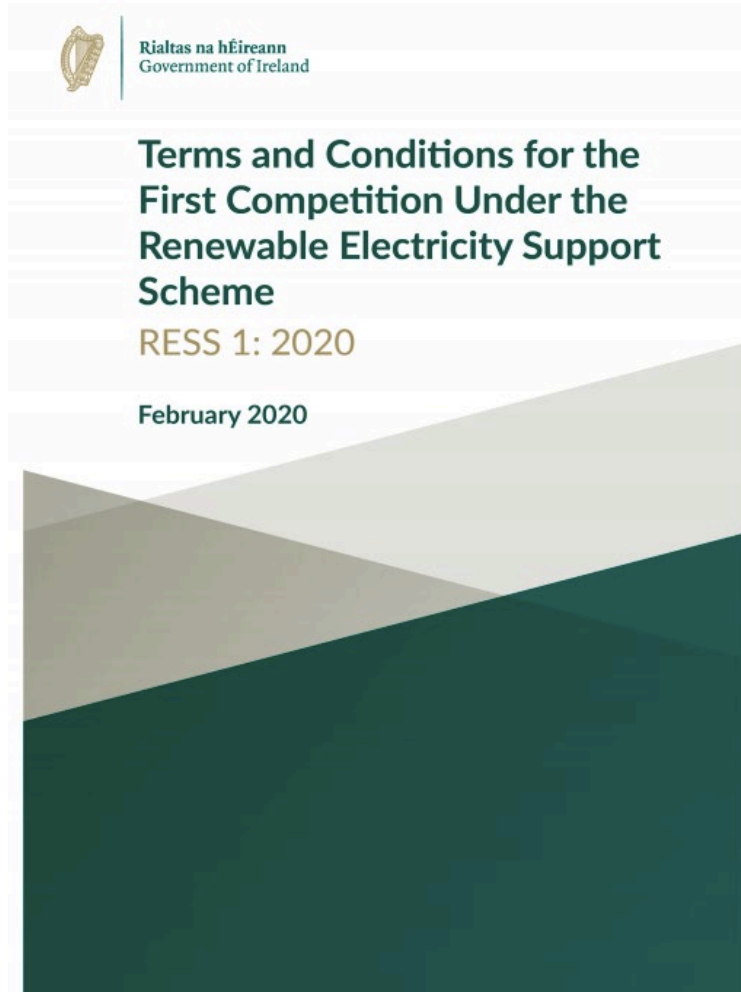
Breadth of Expertise...



1. Energy Policy

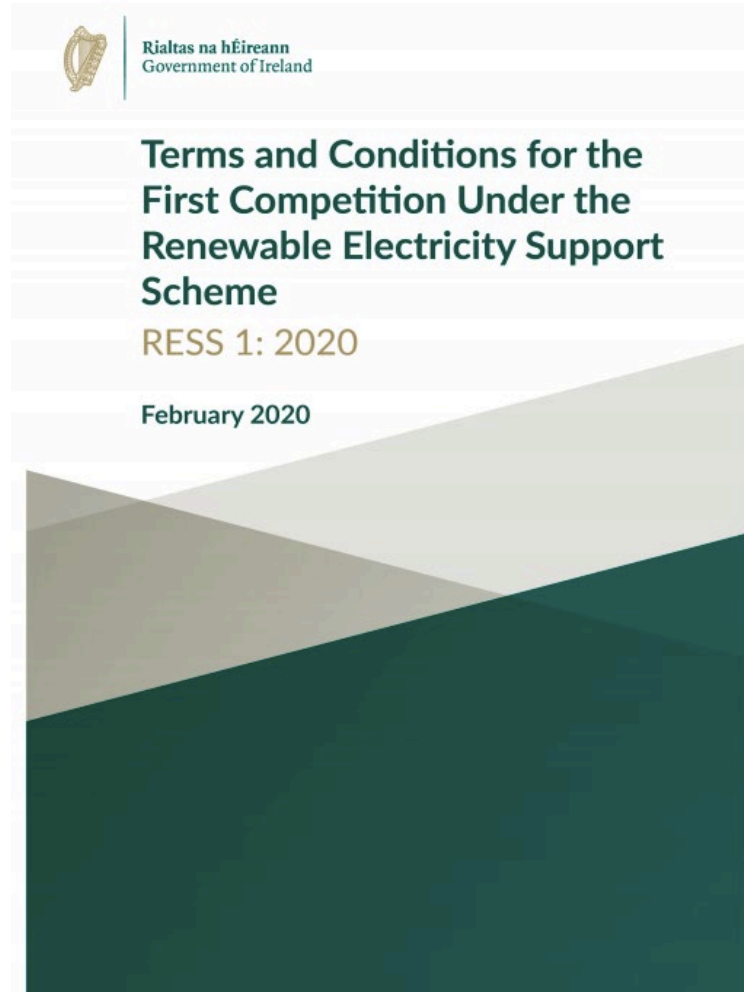


2. Renewable Energy Support Scheme (RESS)



- Auction Programme
- Competing against other projects for contracts
 - Most competitive projects will secure contracts
- 15 year fixed price contract for supply of electricity to the grid
- Secure government backed contract to build, reducing risk
- Technology agnostic
- New Community Category Introduced

2.1 RESS 1 Results



114 Projects applied to RESS 1 Auction to the most recent Auction (July 2020)

The winners include:

- 63 solar farms (comprising 796MW of capacity)
- 19 onshore wind farms (comprising 479MW of capacity)
- 7 Community Projects

	Community	Solar	All Projects
Average Price	104.15 €/MWh	72.92 €/MWh	74.08 €/MWh

Community Category

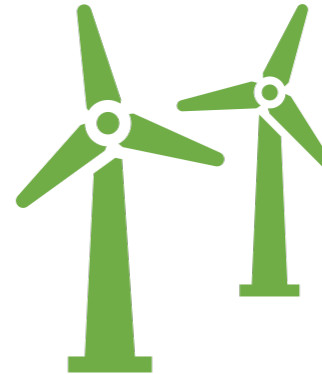


**49%
Shareholder**



**Minimum 51%
Shareholding**

Can be up to 100%



**≤ 5MW
Renewable Energy Project**



**Community Benefit Fund
€2/MWh annually**

Renewable Energy Technologies



Solar PV

- High competition in Solar



Small Scale Hydro

- Long development cycle & difficult to finance & planning



Biogas

- No Support Scheme in place for Bio-Gas



Offshore Wind Energy

- High Capital Requirements at development stage



Onshore Wind Energy

- Difficult planning but competitive in RESS

Market Analysis

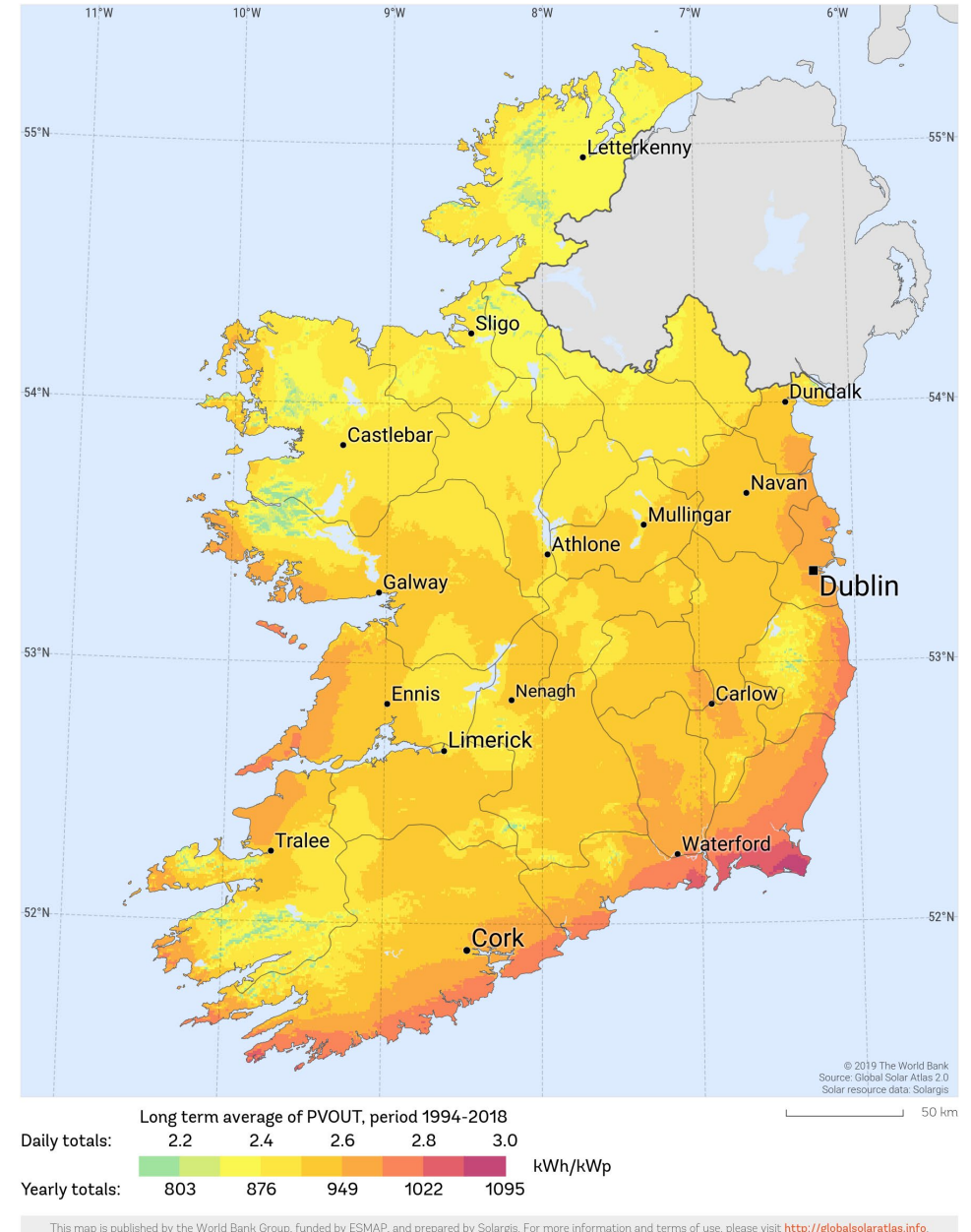
Compleitive Analysis

Technical Feasibility

Solar Energy

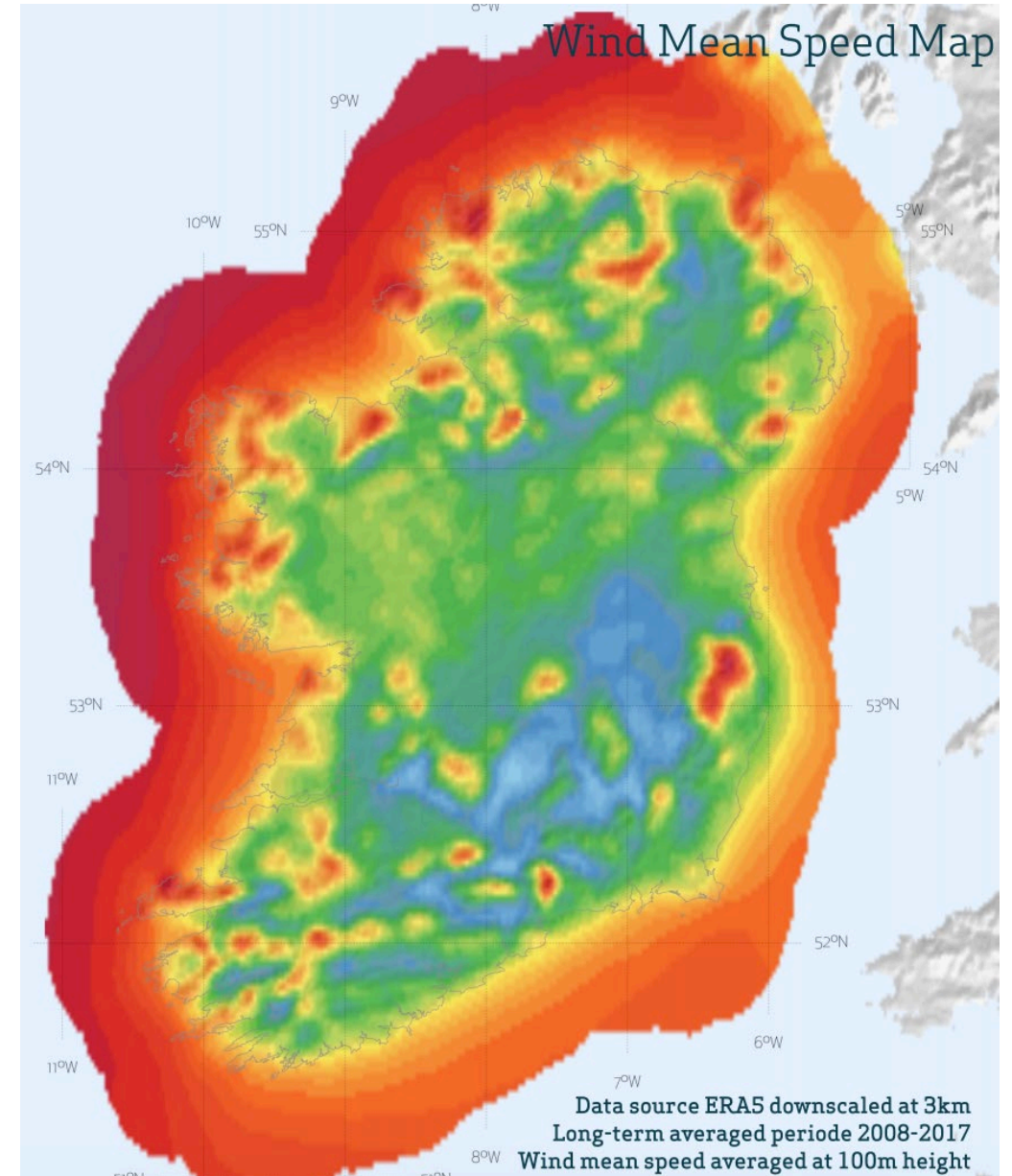
Key Points

- Solar Irradiance matters
- Circa 4.5 Acres per MW
- Proximity to Substation
- Grid Connection Route
- Planning: Glint and Glare, Visual impact
- 11-15% Capacity Factor

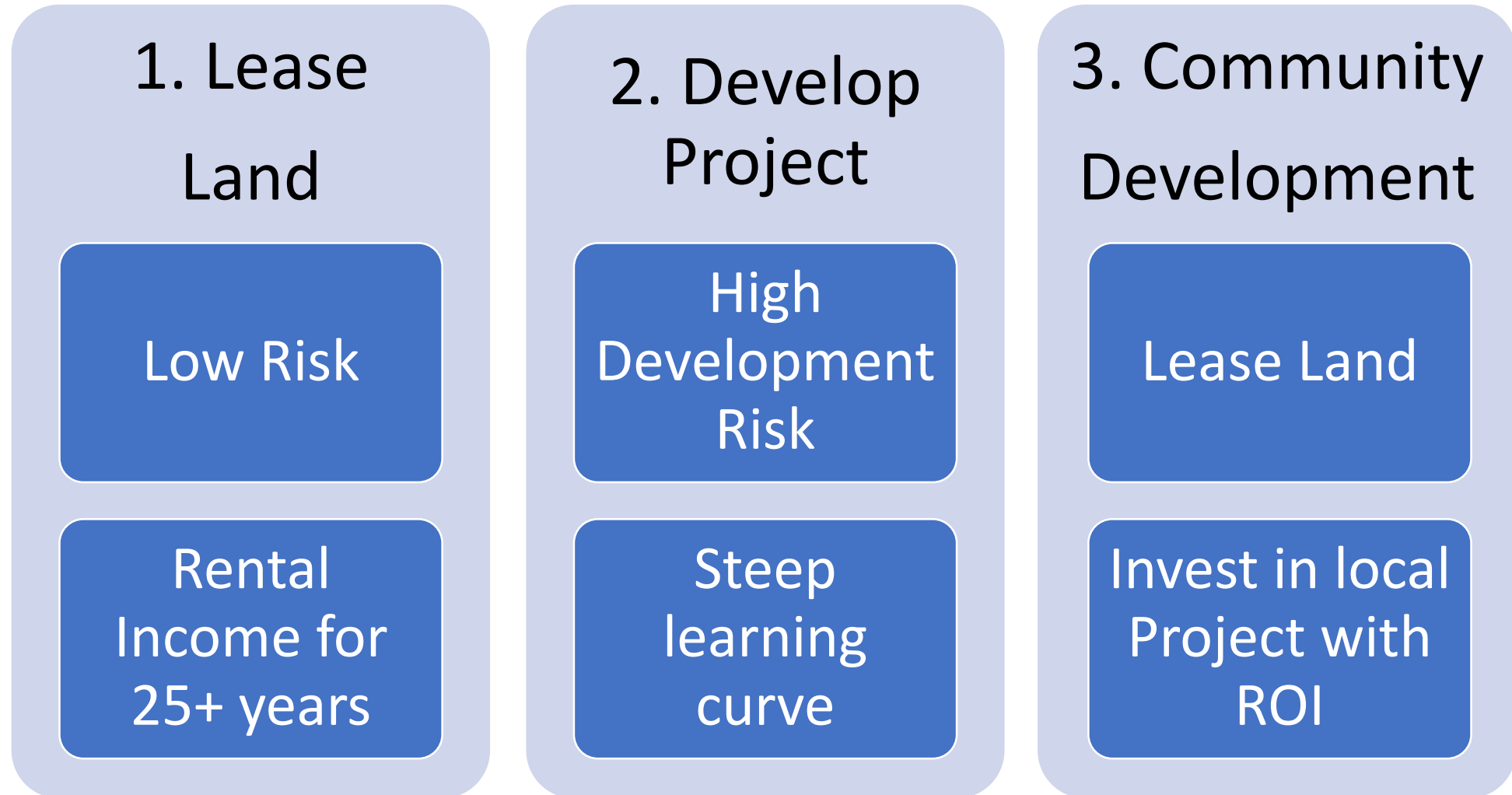


Wind Energy

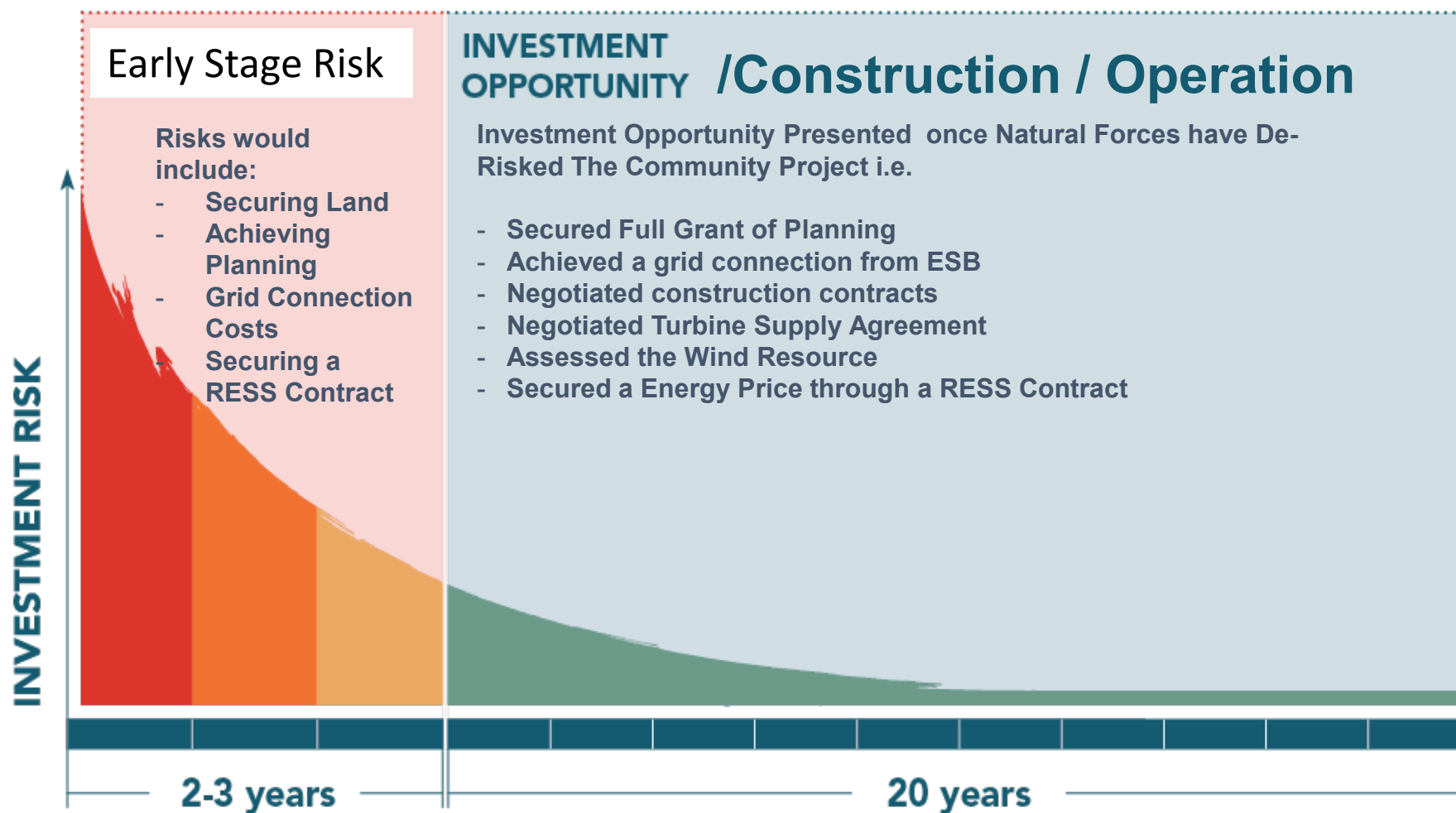
- Higher capacity factor than Solar
- Wind Atlas Ireland
- Wind Planning Guidelines
 - 500m from houses
 - Shadow flicker
 - Visual Impact
 - Environmental and Ecological Considerations
- More competitive



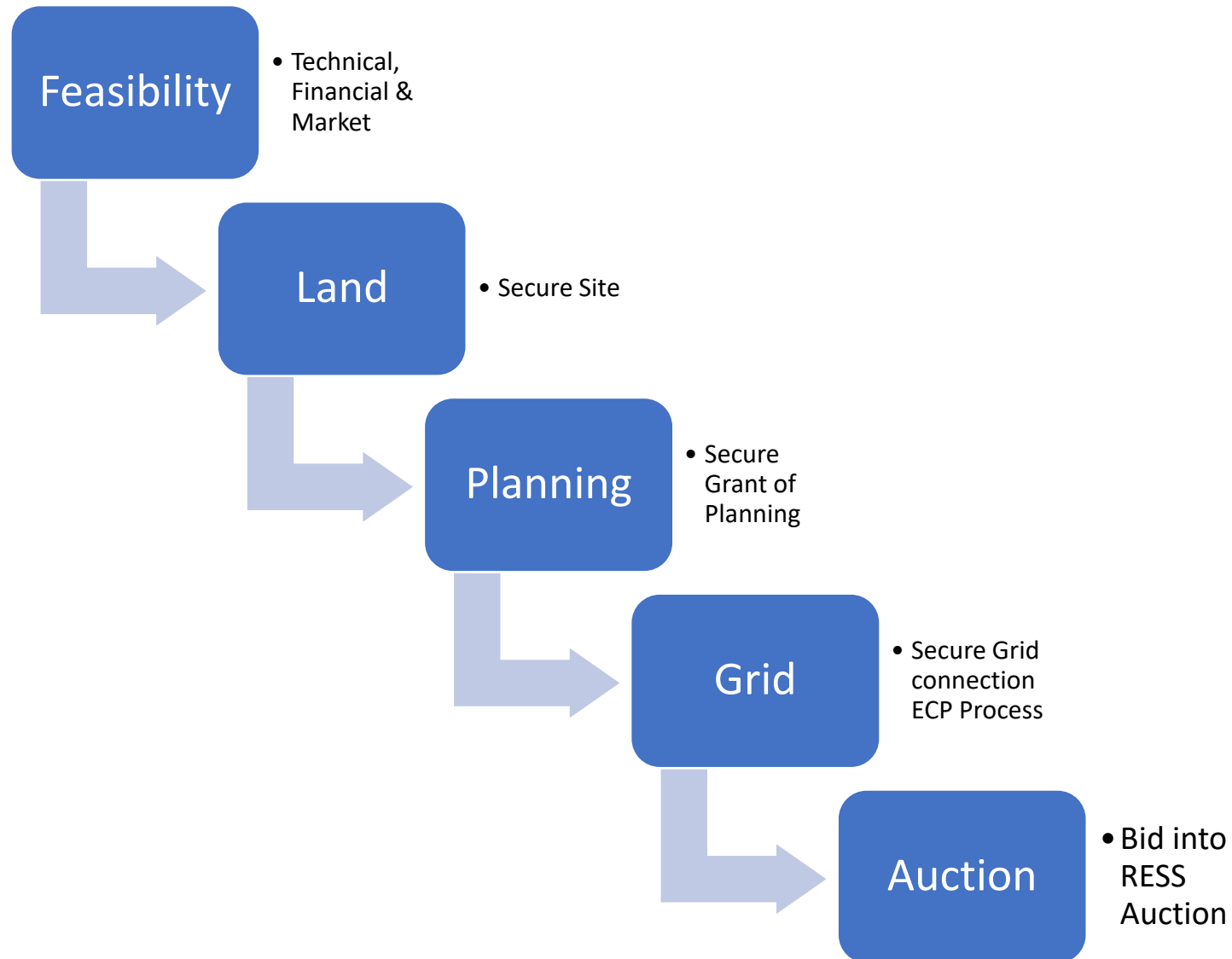
3. Getting Involved- Landowners



Development: Timeline, Costs & Risk



The Development Steps





Questions