Job opportunities from Ireland’s electricity interconnectors

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Analysis & Results

- Domestic and spillover jobs due to the economy interaction between sectors and between countries
- **34,600** global jobs from 3 interconnectors

<table>
<thead>
<tr>
<th>Interconnector</th>
<th>Cost (£/MWkm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(North)</td>
<td>3454</td>
</tr>
<tr>
<td>(Northwest)</td>
<td>8407</td>
</tr>
<tr>
<td>(Wales-Greenlink)</td>
<td>5814</td>
</tr>
<tr>
<td>(France-Celtic)</td>
<td>2380</td>
</tr>
</tbody>
</table>

**3,900 direct jobs for Ireland**

- 1677 in energy sectors (43%)
- 468 in other manufacturing sectors (12%)
- 1755 in services sectors (45%)

**€1131m Ireland’s investment in interconnectors:**

- **15422 jobs**
Opportunities & Impacts

➢ Direct and spillover employments from investing in interconnectors

✓ 1.3 jobs in energy
✓ 0.6 jobs in manufacturing
✓ 1.4 jobs in services

➢ Working in a multidisciplinary research environment

➢ Gaining skills in research methodology

Jobs per MW interconnectors in Ireland

- 6 Non EU countries' job
- 4 Other EU countries' job
- 3 Direct job
Policy Insights

➢ Changes in employment levels in various industries

➢ Identification of the key winning and losing sectors in developing low carbon energy
  - 2.47 jobs from an additional €1m spending on electricity from imported fossil fuels
  - 4.25 jobs from an additional €1m spending on renewable electricity
  - Net jobs: 1.78 net jobs
Outputs & Communications

• International Journal
• International conferences
• UCC Climate Lab 2018 Research Open Day
• MaREI Symposium 2018
• Collaboration