

# Renewables Fabrication Skills

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All-Energy Conference  
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# The Big Difference...

## Offshore Oil & Gas Steel

- £3500 - £4500/tonne

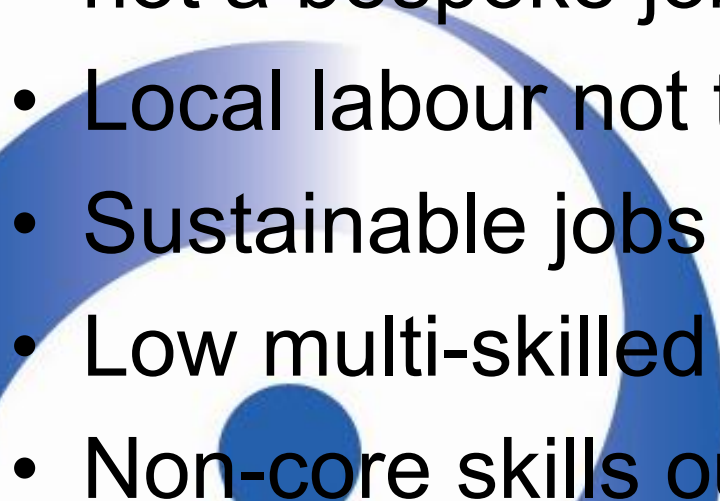


## Offshore Wind Steel

- £1000 - £1500/tonne

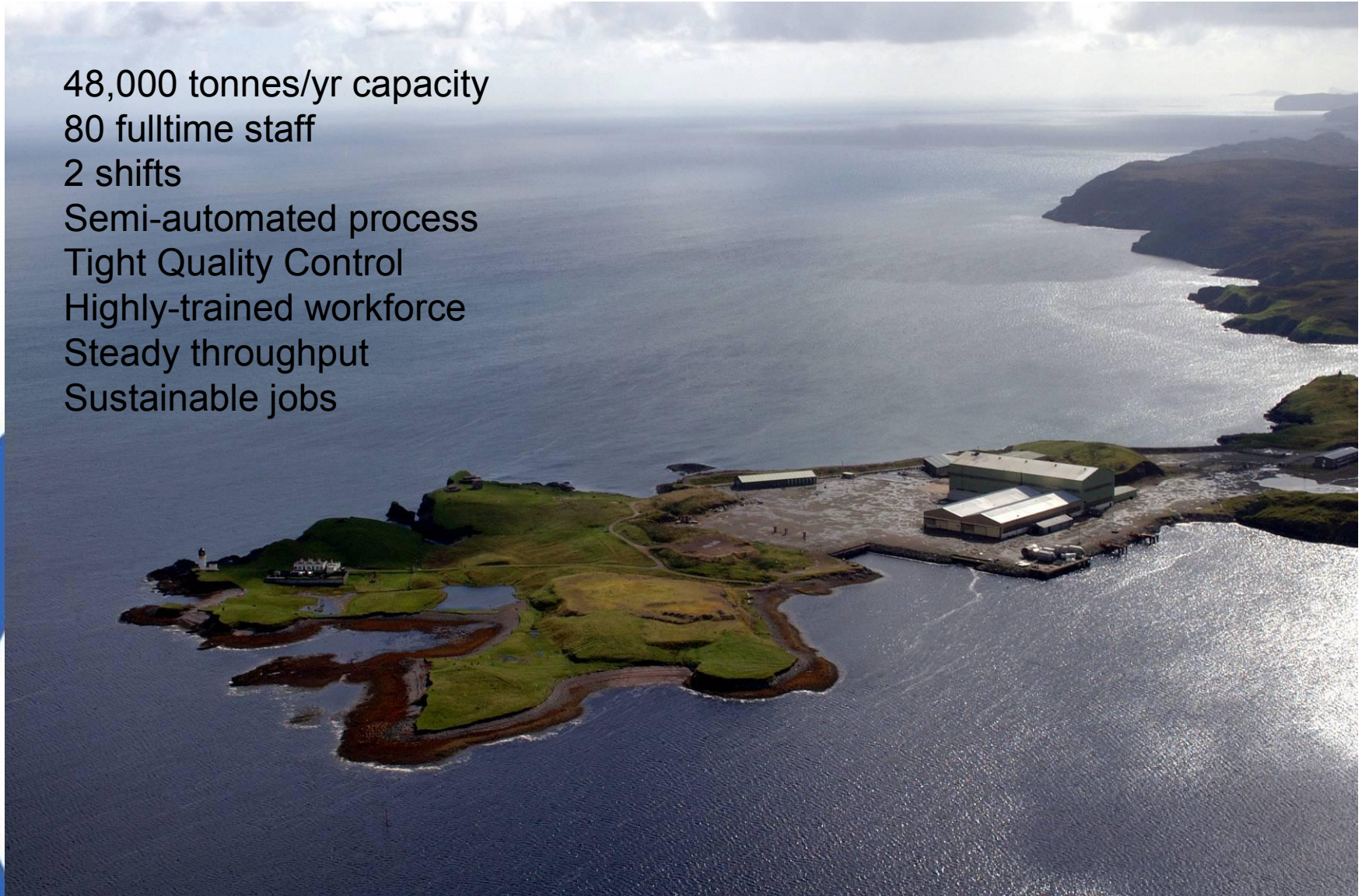


# The Consequences

- Absolute focus on cost
  - Highly efficient production process plant not a bespoke jobbing shop
  - Local labour not travelling labour
  - Sustainable jobs with non-specialist skills
  - Low multi-skilled manning levels
  - Non-core skills outsourced
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# The Scale of the Task

48,000 tonnes/yr capacity  
80 fulltime staff  
2 shifts  
Semi-automated process  
Tight Quality Control  
Highly-trained workforce  
Steady throughput  
Sustainable jobs



# Skills Needed

- Project Management & Engineering
  - HSEQA Management
  - Procurement & Logistics Management
  - Planning, Estimating & Cost Control
  - Production & Maintenance Management
  - Welding & Materials Engineering
  - Welding
  - Plating
  - NDT & Inspection
  - Painting
  - Maintenance
  - Rigging & Lifting
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# Where to Acquire these Skills?

- Existing local skillsbase
  - Returning Islanders
  - Retraining
  - Modern Apprenticeships
  - Working with Development Agencies
  - Working with Schools & Colleges
  - Partnering with local Outsource groups
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