



Green  
Investment  
Group

# GIG 2017

## What green means to us

November 2017

# What green means to us



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Our green purposes...



Reduce  
greenhouse  
gas emissions

Increase  
natural resource  
efficiency

Protect the  
natural  
environment

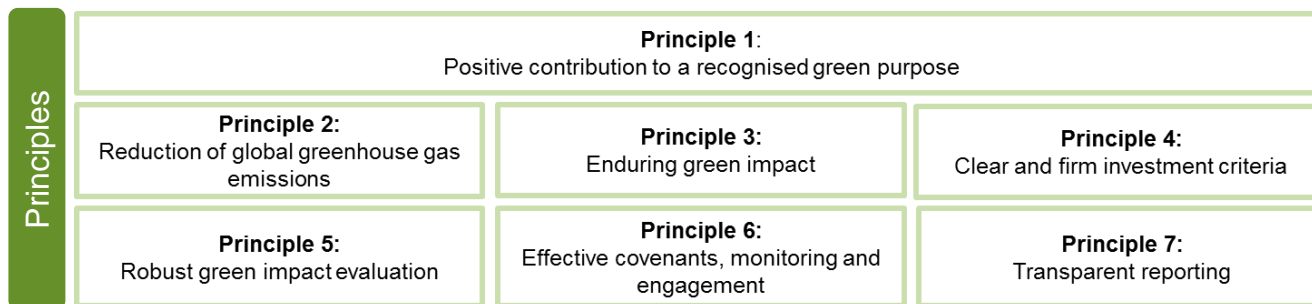
Protect  
biodiversity

Promote  
environmental  
sustainability

# Principles, Policy, Process



Our Green Investment Principles, Green Investment Policy and Green Investment Handbook form the framework that we have developed to mainstream green investment



Principles implemented through our **Green Investment Policy**



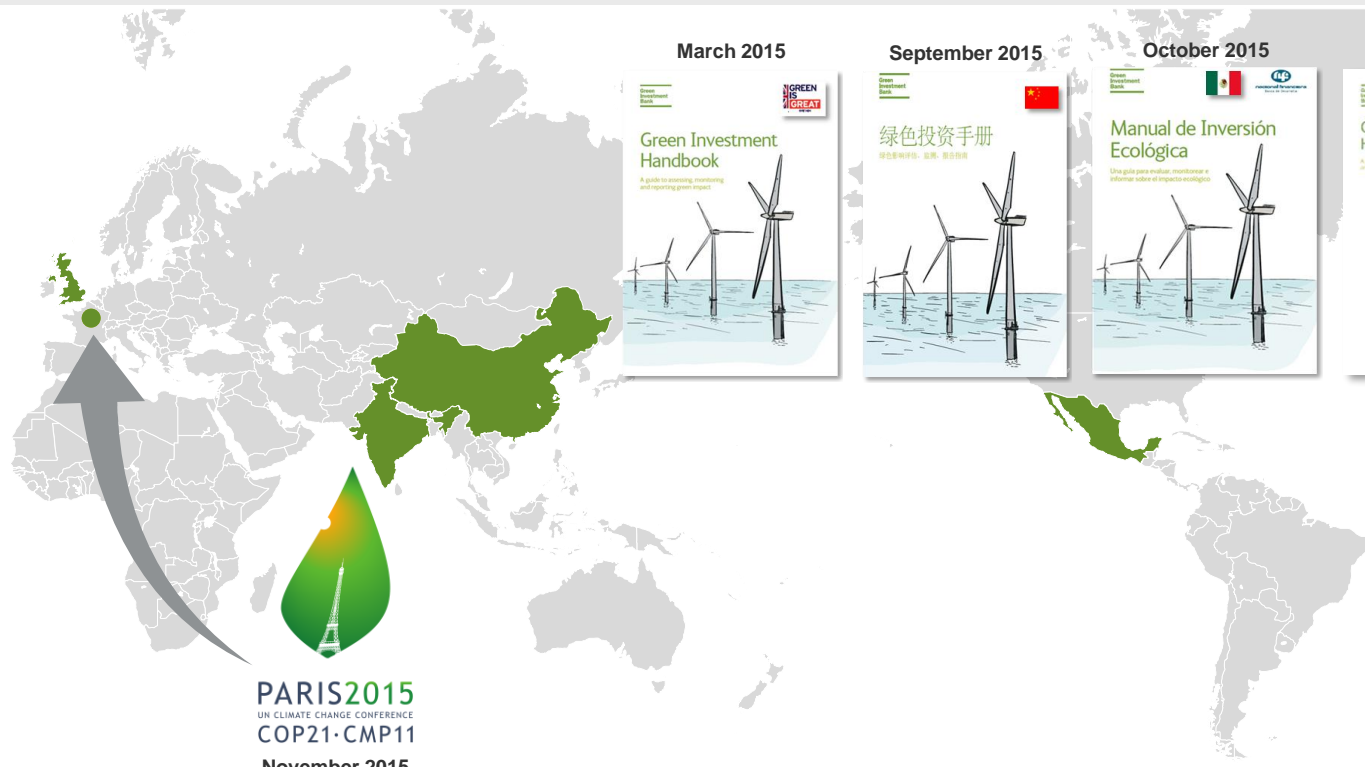
Practical processes we use day-to-day are set out in the **Green Investment Handbook**



# Green Investment Handbook



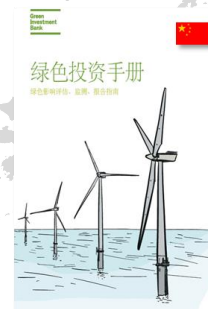
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March 2015



September 2015



October 2015



April 2017



PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21·CMP11  
November 2015

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# Green Impact Reporting

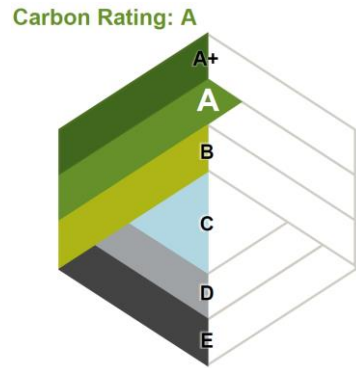


We have been developing a new standard form for reporting Green Impact



“ GIB’s Green Impact Report provides a robust assessment of the expected climate benefits... This helps IFC to be certain that this investment meets our criteria for climate finance.

Evelyn Hartwick, Senior Financial Officer, IFC<sup>1</sup>



Green Impact Report: Emissions to air and fossil fuels avoided

**Executive summary**

The Sustainable Finance team of Green Investment Group Limited (GIG) has been engaged by Macquarie Infrastructure and Real Assets (MIRA) to prepare this report (the Report) in connection with Project Project (the Project). GIG has assessed the greenhouse gas (GHG) emissions to air and fossil fuels consumption avoided (the Green Impact) of the Project and is pleased to set out its assessment in this Report. This Report also considers the Project's alignment with the United Nations Sustainable Development Goals.

**Carbon Rating: A**

**Introduction to this Report**

This Report sets out the forecast Green Impact as defined above of the Project. This assessment was performed using data provided by the Recipient (see Appendix 1).

**Green Investment**

- The Project is forecast to have positive Green Impact as measured by GIG's Green Impact assessment criteria
- GIG has assigned a specific Green Impact Forecast for the Project, as set out below
- Remaining lifetime Green Impact metrics have been calculated based on the design of the Project
- GIG has assessed the Carbon Rating of the Project as 'A'. Refer to page 2 and the methodology in Appendix 1 for further information on how this is calculated.

**Green Impact Forecasts and Green Impact Forecast Assurance**

GIG's forecast Green Impact metrics are set out in the table below and subsequent pages of the Report.

Summary	Project
Technology:	Offshore Wind
Location:	United Kingdom
Contractual completion date:	
Design life:	Forecast Green Impact metrics
Capacity:	Operational and available capacity (carbon dioxide equivalent)
Remaining lifetime:	Remaining lifetime
Average annual generation:	Average annual
Average annual generation:	GHG emissions to air avoided (total of categories)
Average annual generation:	Average annual
Average annual generation:	Average annual
Average annual generation:	Fossil fuels consumption avoided (oil equivalent)
Average annual generation:	Remaining lifetime
Average annual generation:	Average annual

**Impugnable note:** This Report has been prepared by GIG on the basis of data and modelled input-comparison with the methodology v1.1, assumptions, limitations and other items set out in Appendix 2 and 3. This is a peer diligence report and should not be relied upon as such. If appropriate, recipients and users of this Report should conduct their own separate environmental, social and governance enquiries and assessments.

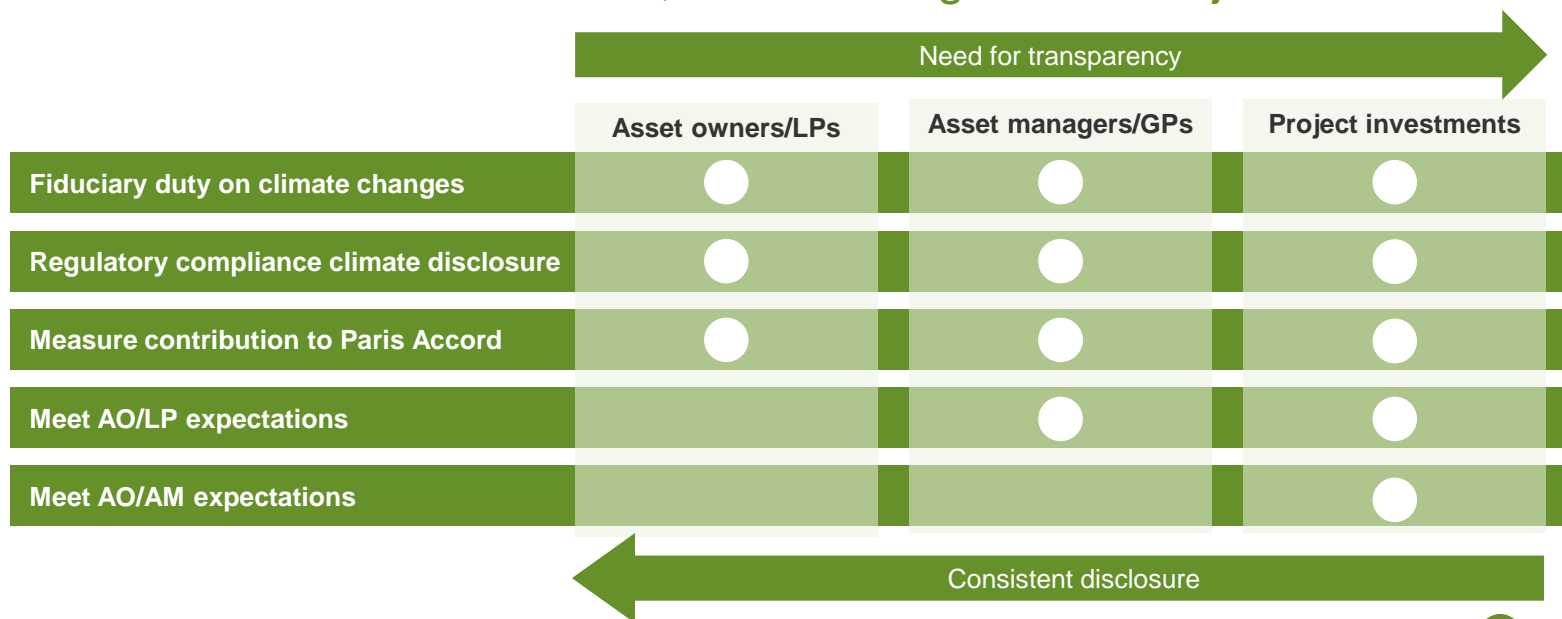
[www.greeninvestmentgroup.com](http://www.greeninvestmentgroup.com)

September 2017

# Our reporting allows for alignment of interest



Greater transparency and annual data disclosure allows for better alignment of interest between Asset Owners, Asset Managers and Projects

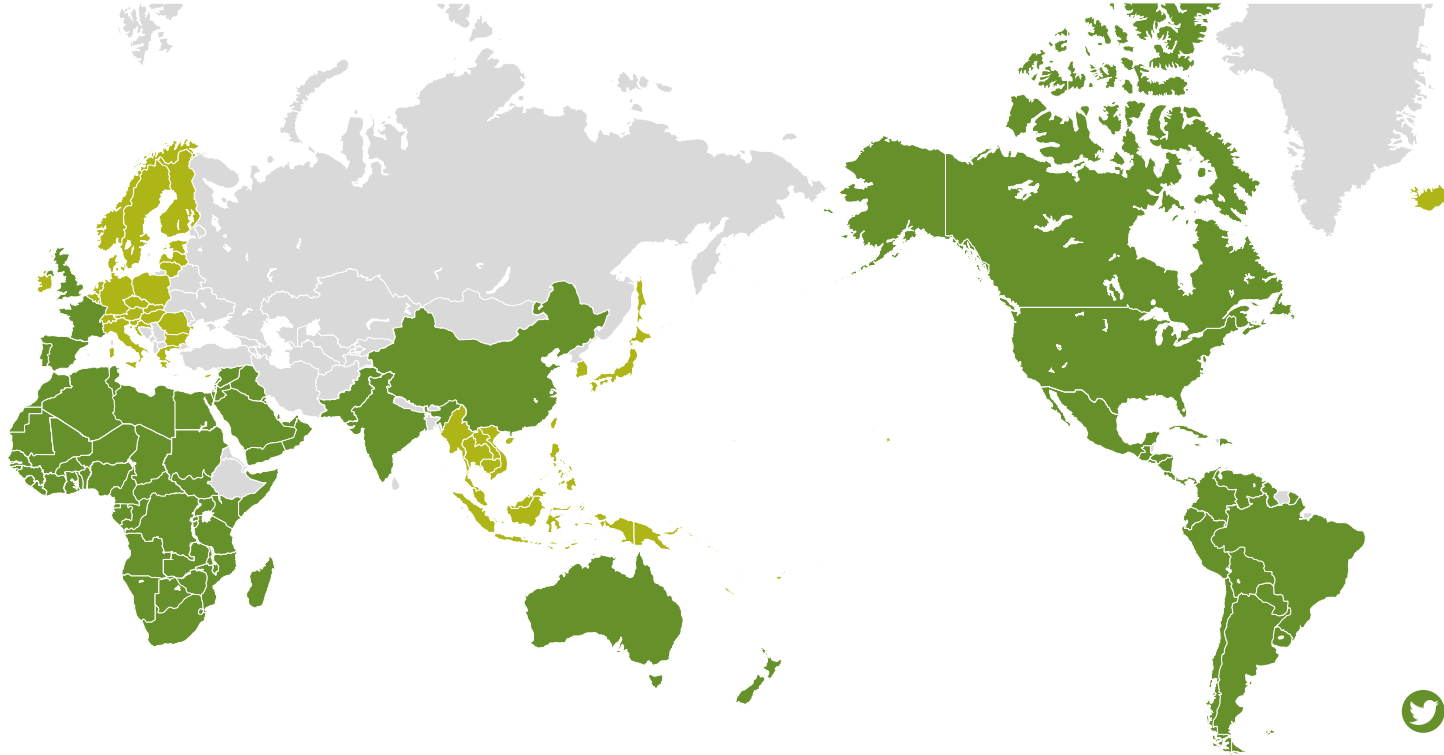




# Global best practice, practised globally



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# Global best practice



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Our Green Purposes, Green Investment Principles, Policy and Handbook will continue to form the foundations of our expanded investment remit

Green Purposes



Principles

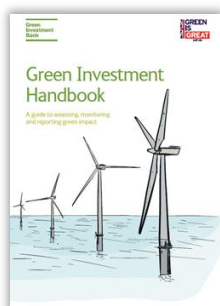
An integral part of our investment process

Principle	Description
Principle 1	Invest in companies that are committed to environmental, social and governance (ESG) excellence.
Principle 2	Invest in companies that are committed to the highest standards of human rights.
Principle 3	Invest in companies that are committed to the highest standards of labour practices.
Principle 4	Invest in companies that are committed to the highest standards of community relations.
Principle 5	Invest in companies that are committed to the highest standards of ethical behaviour.
Principle 6	Invest in companies that are committed to the highest standards of transparency and reporting.
Principle 7	Invest in companies that are committed to the highest standards of risk management.

Policy



Process



Alignment with the Green Objective is communicated to the

Green Purposes  
Company

