



Westpac Climate Bond Impact Report May 2018

Dow Jones Sustainability Indices
Number one bank globally in 2017,
for the 4th year in a row and the 10th time
since the index was established



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Financial data in this presentation is as at 30 September 2017 unless otherwise indicated. Comparisons of FY17 financial results are to FY16 unless otherwise stated.

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Climate Change Solutions

Westpac Climate Change Solutions Overview

- Westpac Group has long recognised that climate change is one of the most significant issues that will impact the long-term prosperity of our economy and way of life.
- We are focussed on providing finance to back Climate Change Solutions
 - Building on the climate change scenario analysis Westpac completed in 2016, we have set our targets based on the current outlook for investment in climate change solutions that is required to remain on a credible pathway to a net zero emissions outcome by 2050. We define climate change solutions as those technologies and practices that are consistent with the investment required to limit global warming to less than two degrees and address its impacts
 - Westpac's plan to provide finance to back climate change solutions encompasses the total direct and indirect financing of customers to the
 extent they are involved in the activities defined as Climate Change Solutions, and those that broadly align with the Climate Bond
 Initiatives (CBI) taxonomy
 - As a founding signatory to the Equator Principles, where an asset is financed by project finance, Westpac agreed to provide loans only for projects whose sponsors can demonstrate their ability and willingness to comply with processes that ensure they are developed in a socially responsible manner, according to sound environmental management practices

Westpac Climate Bonds

- Westpac issues Climate Bonds as part of its commitment to facilitate up to \$3 billion in climate change solutions by 2020, e.g. green bond issuance and arrangement
- The procedures outlined in our Climate Bond Framework document set out the process for regular tracking of the climate bond issuance and asset allocation pool. On issuance of a climate bond the climate bond net proceeds will be invested in line with our climate change solutions strategic focus and Climate Change Action Plan.
- https://www.westpac.com.au/about-westpac/investor-centre/fixed-income-investors/



- Climate Change Solutions activities are those which
- Have been specifically identified as such (refer to the list below)
- Broadly align with the Climate Bond Initiatives (CBI) taxonomy
- Comply with the Equator Principles where asset is financed by project finance
- Climate Change Solutions should include but are not limited to
 - Renewable energy
 - Energy efficiency technologies
 - Green buildings
 - Low-emissions transport
 - Waste
 - Water
 - Carbon abatement and sequestration projects
 - Forestry and land rehabilitation
 - Adaptation infrastructure
- Our climate change position statement and action plan builds on our strong track record, outlining the next phase of actions we are taking to meet our commitment to operate in a manner consistent with limiting global warming to less than two degrees Celsius above pre-industrial levels
 - Find out more at https://www.westpac.com.au/about-westpac/sustainability/

White Rock Wind Farm



Image of Hallett Wind Farm courtesy of AGL Energy



Projects included in Climate Bond pool

STATE	SECTOR	DESCRIPTION
QLD		5 Star NABERS rating
AUST	Low Carbon Commercial Prop	5 Star NABERS rating
AUST	Low Carbon Commercial Prop	5 Star NABERS rating
ACT	Low Carbon Commercial Prop	5 Star NABERS rating
QLD	Low Carbon Commercial Prop	5.5 Star NABERS rating
QLD		5 Star NABERS rating
NSW	Low Carbon Commercial Prop	5 Star NABERS rating
NSW	Low Carbon Commercial Prop	5 Star NABERS rating expected
NSW	Low Carbon Commercial Prop	5 Star NABERS rating expected
NSW	Low Carbon Commercial Prop	5 Star NABERS rating expected
VIC	Low Carbon Commercial Prop	6 Star NABERS rating
NSW	Low Carbon Transport	In construction (no data reported to date)
NSW	Renewable Energy Projects (Solar)	Direct lending and refinancing of existing asset
QLD	Renewable Energy Projects (Solar)	In construction (no data reported to date)
VIC	Renewable Energy Projects (Wind)	Direct lending and refinancing of existing asset
VIC	Renewable Energy Projects (Wind)	Direct lending and refinancing of existing asset
VIC		Direct lending and refinancing of existing asset
SA		Direct lending and refinancing of existing asset
SA		Direct lending and refinancing of existing asset
WA		Direct lending and refinancing of existing asset
VIC	Renewable Energy Projects (Wind)	Direct lending and refinancing of existing asset
AUST		Direct lending and refinancing of existing asset
VIC	Renewable Energy Projects (Wind)	Direct lending and refinancing of existing asset
NSW		Stage 1 Complete
NSW	Renewable Energy Projects (Wind)	In construction (no data reported to date)
QLD	Renewable Energy Projects (Wind)	In construction (no data reported to date)
AUST	Renewable Energy Projects (Wind)	Direct lending to portfolio of renewable assets
•		
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AUD 2,128.199	100	
·		
	Public Benchmark	
EUR 500 / AUD 754	·	
AUD 117.3	Uridashi	
	QLD AUST AUST ACT QLD QLD NSW NSW NSW NSW NSW VIC NSW NSW QLD VIC VIC VIC VIC VIC VIC VIC SA SA SA WA VIC AUST VIC AUST VIC AUST VIC NSW NSW NSW NSW AUD 1,064.853 AUD 177.279 AUD 2,128.199 \$m AUD 500 USD 50 / AUD 64 EUR 500 / AUD 754	AUST



Westpac Climate Bond – Environmental Impacts



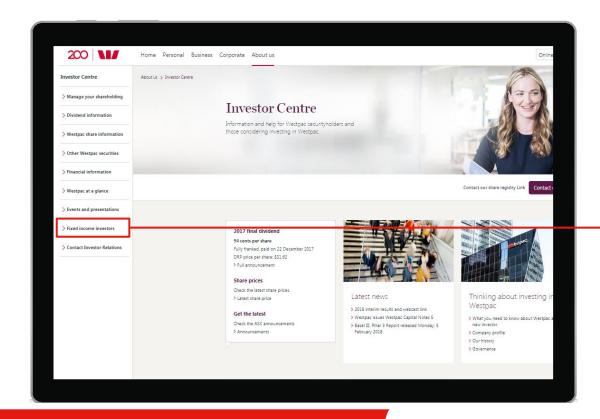
- · Renewable energy projects financed in part by Westpac Climate Bonds have potential to:
 - Generate 4,297,041 million megawatt hours (MWh) of clean energy
 - Reduce annual greenhouse gas emissions (GHG) by 3,603,550 million tCO2e (tonne of carbon dioxide equivalents) Westpac's share estimated share for RE is 1,081,065 (tC02e)
- Green buildings² financed in part by Westpac Climate Bonds have, on average, a 28%³ lower
 emissions intensity against the Climate Bond Initiative's state benchmark for energy efficiency with ten
 year duration

As at 30 September 2017

Energy Efficiency	Total Committed Exposure A\$m	Share of Portfolio Financing (%)	Eligibility for Green Bonds (%)	Average Portfolio Lifetime (Months) ⁵	Net Lettable Area (sqm)	Average Portfolio GHG Intensity (kgCO2/sqm) ³	Better than CBI top 15% Statewide Benchmark	Capacity (MW)	Annual Energy Generation (MWh) ⁴	Annual GHG emissions avoided ⁷ (tCO2e)	Westpac's estimated proportion ¹ (tCO2e)
Green Buildings	1,064.853	50	100	27	484,890.40	50.11	28%				
RE Projects (Wind)	759.696	36	100	31				2,072.50	3,900,176	3,263,650	979,095
RE Projects (Solar)	126.371	6	100	53				155	396,866	339,900	101,970
Low Carbon Transport ⁶	177.279	8	100	22							
TOTAL	2,128.199	100	100	31	484,890.40	50.11	28%	2,227.50	4,297,041	3,603,550	1,081,065

Notes

- 1 Renewable energy financing is generally syndicated across several banks and Westpac's share has been estimated at approximately 30% in the numbers above
- ² Green Building financing varies across assets and Westpac's share has been estimated at 25-50% in the numbers above
- 3 CBI standard uses baseline in a particular city representing the top 15% in terms of carbon intensity (kg CO2/m sq) Average city GHG intensity 69.28 kgCO2/sqm p.a.(using CBI calculator 2016-2027 duration)
- 4 Generation for RE assets based on generation from either asset operating reports or (Australian Energy Market Operator) AEMO dispatch data where available, or project specific reporting
- Most projects are refinanced on a 5 yearly cycle, regardless of project lifetime
- 6 Low Carbon Transport project still in construction
- ⁷ Emission reductions (TC02e/MWH) is the GHG intensity of National Energy Market GHG 2017 of 0.8565 * MWh Generated (annual). Intensity is sum of daily total emissions/energy for the NEM (Numbers do not exactly reconcile as taking conservative low side estimate of emissions avoided for Collgar Wind Farm)
- Where projects are still in construction TCE and MW capacity numbers are reported and included as estimated, but emissions reduced/avoided numbers are not yet included



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Fixed income investors

Limited (WSNZL) and Westpac New Zealand Limited (WNZL).

Unsecured funding

Secured funding

Find out more

Find out more

Credit ratings

Fixed income presentations

Our strategy for stable and efficiently priced wholesale funding is twofold: build a strong and diverse

funding profile and broaden the investor base, while applying prudent liquidity oversight.

Debt programs for Westpac Banking Corporation (WBC), WBC (previously of St.George), Westpac Securities NZ

Details of our covered bond programs for WBC and WSNZL and outstanding securitisation issuance.

Details of Fitch, Moody's and Standard & Poor's short and long term ratings for Westpac Banking Corporation and

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Presentations for fixed income investors from Westpac and Westpac New Zealand Ltd (in PDF).

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