

Impact Data 2014-18 from KfW Loan Programmes underlying "Green Bonds - Made by KfW"

(based on ex-ante information from the loan approval process and evaluated by an independent third party)

Renewable Energy: KfW loan programm "Renewable energies - standard" (No. 270)																		
Basic data							Impact data (based on total project costs in Germany)					Impact data per €1m KfW loan amount (based on KfW's share in total project costs) ³						
Year	Total project costs (EUR in millions)	... thereof in Germany	KfW's share in total project costs	KfW's signed loan amount (EUR in millions)	Number of loans	Financial lifetime of portfolio (duration in years)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual renewable electricity generation (in MWhel)	Renewable energy capacity added (in MWe)	Annual savings in energy imports to Germany (EUR in millions)	Number of jobs created and/or preserved (in person years)	Annual savings in external costs (EUR in millions)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual renewable electricity generation (in MWhel)	Renewable energy capacity added (in MWe)	Annual savings in energy imports to project country (in EUR)	Number of jobs created and/or preserved (in person years)	Annual savings in external costs (in EUR)
2014	5,909	68%	64%	3,786	4,805	8.6	3,540,000	4,900,000	2,467	187	70,230	361	880	1,218	0.61	46,479	17	89,702
2015	5,421	75%	79%	4,266	2,887	8.6	3,510,000	5,200,000	2,603	191	67,160	353	859	1,273	0.64	46,759	16	86,418
2016	5,670	80%	80%	4,516	3,138	8.6	3,620,000	5,400,000	2,769	202	71,340	368	794	1,185	0.61	44,321	16	80,721
2017	4,998	67%	72%	3,576	2,736	8.5	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available
2018 ¹	1,812	50%	91%	1,655	1,776	8.5	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available
Ø since 2014 ²							3,557,116	5,162,426	2,611	193	69,621	361	842	1,225	0.62	45,799	16	85,360

Energy Efficiency: KfW loan programm "Energy-efficient construction" (No. 153)																
Basic data							Impact data (based on total project costs)					Impact data per €1m KfW loan amount (based on KfW's share in total project costs)				
Year	Total project costs (EUR in millions)	... thereof in Germany	KfW's share in total project costs	KfW's signed loan amount (EUR in millions)	Number of loans	Financial lifetime of portfolio ⁴ (duration in years)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual final energy savings (in MWh)	Number of jobs created and/or preserved (in person years)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual final energy savings (in MWh)	Number of jobs created and/or preserved (in person years)				
2014	26,400	100%	21%	5,623	65,065	[tba]	101,000	330,000	305,000	3.8	12.5	12				
2015	31,900	100%	22%	6,996	78,464	[tba]	139,000	380,000	355,000	4.4	11.9	11				
2016	39,600	100%	29%	11,287	69,424	[tba]	182,000	430,000	429,000	4.6	10.9	11				
2017	30,100	100%	34%	10,295	54,176	[tba]	139,000	290,000	317,000	4.6	9.6	11				
2018 ¹	22,924	100%	33%	7,669	34,492	[tba]	not yet available	not yet available	241,600	not yet available	not yet available	not yet available				
Ø since 2014 ²							144,466	363,992	340,867	4.4	11.0	11				

Combined portfolio consisting of Renewable Energy & Energy Efficiency (KfW loan programmes No. 153 & 270)																		
Basic data							Impact data (based on total project costs)					Impact data per €1m KfW loan amount (based on KfW's share in total project costs) ³						
Year	Total project costs (EUR in millions)	... thereof in Germany	KfW's share in total project costs	KfW's signed loan amount (EUR in millions)	... thereof renewable energies	... thereof energy efficiency	Number of loans	Financial lifetime of portfolio ⁴ (duration in years)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual final energy savings (in MWh)	Annual renewable electricity generation (in MWh)	Renewable energy capacity added (in MWe)	Number of jobs created and/or preserved (in person years)	Annual GHG emissions reduced/avoided (in tons of CO ₂ e)	Annual final energy savings (in MWh)	Annual renewable electricity generation (in MWh)	Renewable energy capacity added (in MWe)	Number of jobs created and/or preserved (in person years)
2014	32,309	94%	29%	9,409	40%	60%	69,870	[tba]	3,641,000	330,000	4,900,000	2,467	375,230	356	7.5	490	0.25	14
2015	37,321	96%	30%	11,262	38%	62%	81,351	[tba]	3,649,000	380,000	5,200,000	2,603	422,160	328	7.4	482	0.24	13
2016	45,270	98%	35%	15,803	29%	71%	72,562	[tba]	3,802,000	430,000	5,400,000	2,769	500,340	230	7.8	339	0.17	12
2017	35,098	95%	40%	13,871	26%	74%	56,912	[tba]	not yet available	290,000	not yet available	not yet available	not yet available	not yet available	7.2	not yet available	not yet available	not yet available
2018	24,736	96%	38%	9,324	18%	82%	36,268	[tba]	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available	not yet available
Ø since 2014 ²									3,707,032	363,261	5,194,441	2,630	439,766	293	7.5	422	0.21	13

¹Total project costs are preliminary and therefore subject to adjustments.

²Volume-weighted average

³Impact data for projects located outside Germany are not available. Assumption: Projects located outside Germany deliver the same impact as projects located in Germany.

⁴Assumption: all final borrower of loans out of the KfW loan programme "Energy-efficient construction" (no. 153) will make use of their legal right of early redemption after 10 years of fixed interest rate.

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