

CO₂ Emissions (year-on-year)

(Limited Assurance Review (excl. Scope 3) performed for 2016 (→ [Assurance Report](#)) and 2018 (→ [Assurance Report](#)), calculation for 2017 analogous)

CO₂ emissions

	2018 ¹⁾		2017 ³⁾		2016 ³⁾	
	location-based	market-based	location-based	market-based	location-based	market-based
tonnes CO ₂						
Scope 1	3,760	3,760	3,386	3,386	3,962	3,962
Scope 2	5,593	953	5,782 ²⁾	2,728	5,950	2,955
Scope 3 ⁴⁾	2,900	2,900	1,885	1,885	1,942	1,942
Total	12,253	7,613	11,053	7,999	11,854	8,859

¹⁾ Calculation based on 2018 UBA emission factors Germany/VfU Tool

²⁾ Calculation Scope 2 location-based on UBA emission factors Germany = 6,821 t CO₂

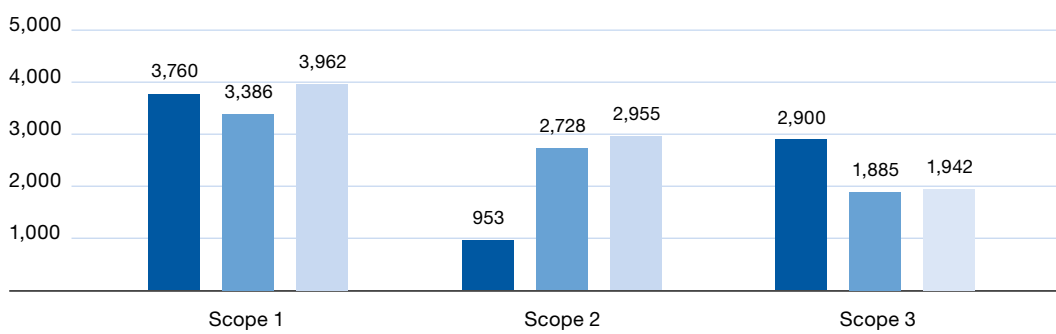
³⁾ Calculation based on 2016 DEFRA emission factors

⁴⁾ Consideration exclusively on business trips

Comparison of CO₂ emissions, market-based

(in tonnes)

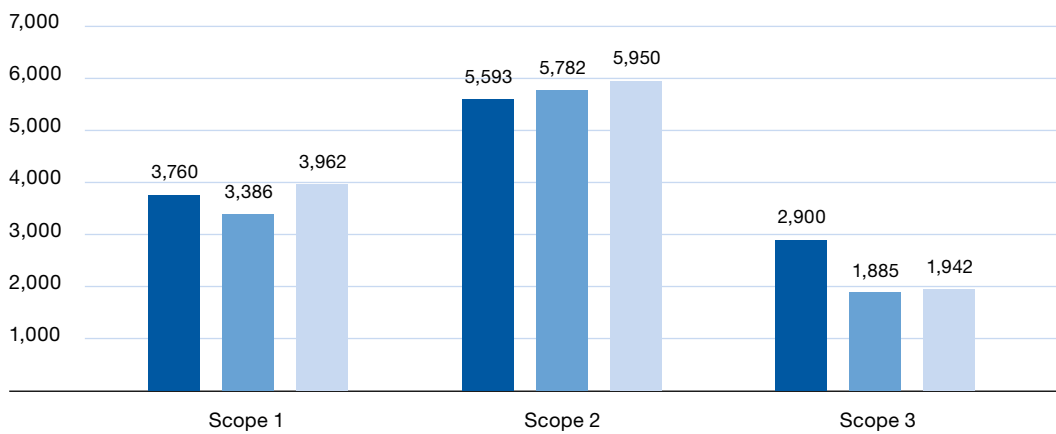
■ 2018 ■ 2017 ■ 2016



Comparison of CO₂ emissions, location-based

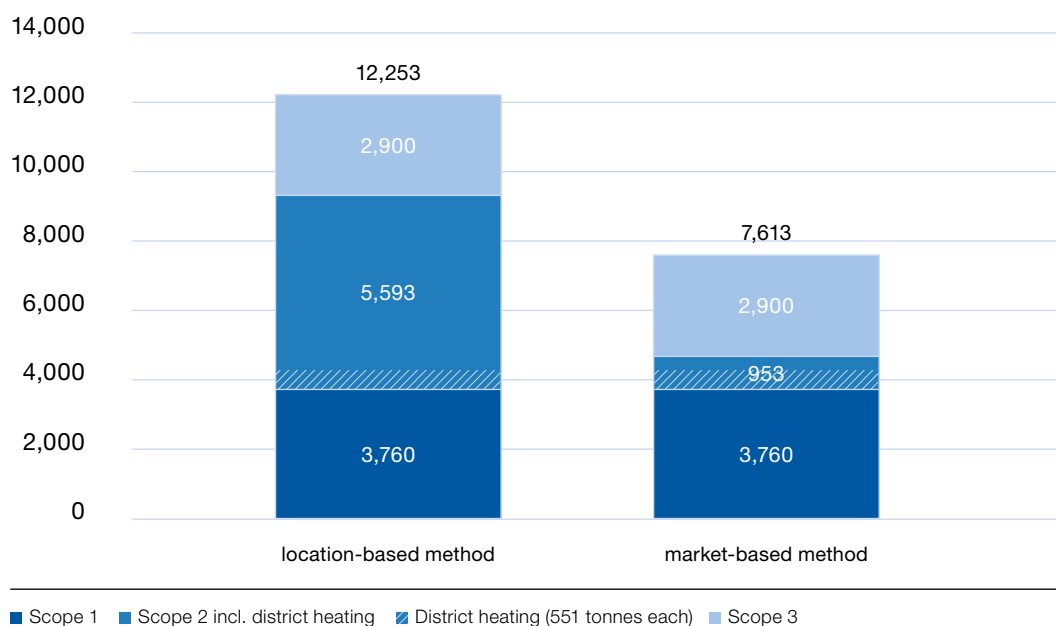
(in tonnes)

■ 2018 ■ 2017 ■ 2016



Aareal Bank Group's ecological footprint

Total Group-wide CO₂ emissions in 2018 (in tonnes)



CO₂ emissions, by employee

	2018		2017		2016	
	CO ₂ in tonnes	kg per employee	CO ₂ in tonnes	kg per employee	CO ₂ in tonnes	kg per employee
Scope 1	3,760	1,368	3,386	1,209	3,962	1,452
Scope 2	953	347	2,728	974	2,955	1,083
Scope 3	2,900	1,055	1,885	673	1,942	712
Total	7,613	2,770	7,999	2,857	8,859	3,247
Number of employees	2,748		2,800		2,728	