



# Carbon Footprint | 2019

**ABN Resource Ltd**

**FOKUS  
ZUKUNFT**





## 4. PRESENTATION OF TOTAL RESULTS

Results		
Overall, the company emitted in the reporting year	<b>67</b>	tons CO <sub>2</sub> e
Emissions per employee	<b>9,57</b>	tons CO <sub>2</sub> e
Partial result: Scope 1 und 2	<b>35,69</b>	tons CO <sub>2</sub> e
Partial Result: Scope 3	<b>30,71</b>	tons CO <sub>2</sub> e
CO <sub>2</sub> e per km of business trip	<b>0,19</b>	kg CO <sub>2</sub> e
CO <sub>2</sub> e per employee commuting	<b>0,20</b>	tons CO <sub>2</sub> e

Compared to other companies of the size and branch, the emission value per employee is in the middle to higher range.

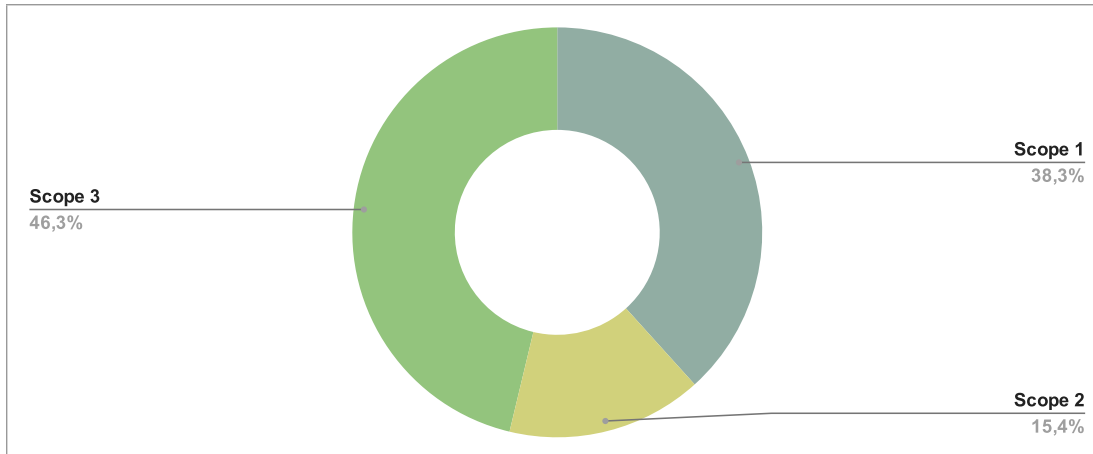
### Overview table of results

Classification	Emissions by category	[t CO <sub>2</sub> e]	%-Share
Scope 1	Heat consumption	25,43	38,3%
	Fuel consumption	0,00	0,0%
	Gas leakages	0,00	0,0%
	<b>Summe</b>	<b>25,43</b>	<b>38,3%</b>
Scope 2	Electricity consumption	10,25	15,4%
	District heating / cooling	0,00	0,0%
	<b>Summe</b>	<b>10,25</b>	<b>15,4%</b>
Scope 3	Upstream energy-related emissions	4,26	6,4%
	Business travel and hotel accommodation	24,20	36,4%
	Employees commuting	0,99	1,5%
	Wastewater / Waste accumulation in operations	0,04	0,1%
	Paper consumption	0,01	0,0%
	Hardware	1,21	1,8%
	<b>Sum</b>	<b>30,71</b>	<b>46,3%</b>
<b>Total</b>		<b>66,40</b>	<b>100%</b>

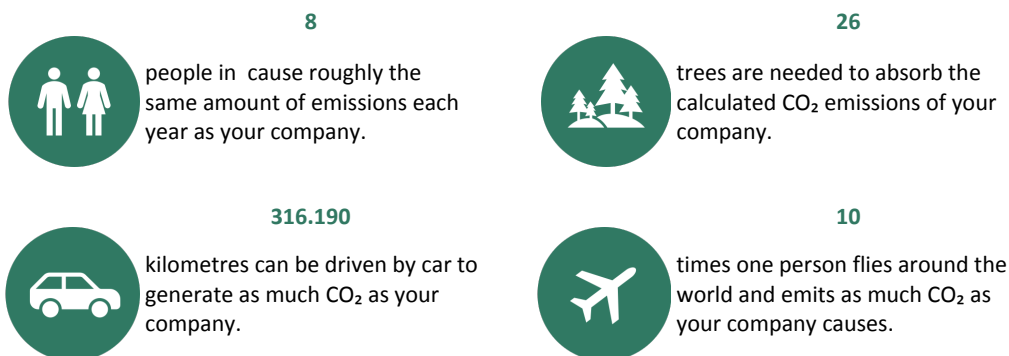
The overview of the results of the company's carbon footprint reveals that in particular the emission categories Heat consumption and Electricity consumption have a large share in the overall balance. Also in Business travel account for significant amounts of greenhouse gas emissions.



### Distribution of emissions on the overall balance



### Comparison of the footprint



## 5. REDUCTION TARGETS ACCORDING TO THE SCIENCE BASED TARGETS

### What are the Science Based Targets?

The Science Based Targets (SBTs) are **reduction targets for relevant greenhouse gas emissions** that are calculated on a scientific basis. They were created in mid-2015 by the Science Based Targets Initiative as a result of a merger of the organizations CDP (Carbon Disclosure Project), WRI (World Resources Institute), WWF (World Wide Fund for Nature) and UNGC (United Nations Global Compact).

The Science Based Targets are **in line with the 2°C target of the Paris climate agreement** of 2015. Accordingly, the 195 signatory states have agreed to reduce global warming to below 2°C by 2050 (**if possible 1.5°C**) compared to pre-industrial times.

Since governments have limited influence, the Science Based Targets initiative can be a trend-setting element for achieving the climate goal in the future. Since companies in particular emit large amounts of greenhouse gases, these can make a decisive contribution to (global) climate protection with the help of an ambitious and structured objective. The overall goal of the Science Based Target initiative is to achieve a low-emission economy in the long term despite the steadily increasing population growth.

Based on the available greenhouse gas balance, the following absolute reduction scenarios can be derived for a period of 5 years.

## Reduction targets

### Target below 1.5°C

Example for 5-year time horizon	Base year 2019	Target year 2024	% Reduction
Scope 1 Emissions (Tons CO <sub>2</sub> e)	36	28	21 %
Scope 2 Emissions (Tons CO <sub>2</sub> e)			

According to the Science Based Target Initiative, a period of 5 to a maximum of 15 years must be selected; in the present case, an example period of 5 years was chosen. A linear reduction for the 1.5 degree target for Scope 1 and 2 emissions of 4.2 % per year results in a total reduction of 21 % for the reference period of 5 years. A reduction target for Scope 3 emissions requires individual consideration. We will be happy to support you in your individual climate strategy with emission reduction targets and suitable measures.

