

2021 greenhouse gas balance

for Konsortium Skiarea Carezza, location Karerseestraße 21 A, I-39056 Welschnofen

This Corporate Carbon Footprint (CCF) Summary Report provides information on the greenhouse gas (GHG) emissions caused by the operation Konsortium Skiarea Carezza in the year 2021 under review and is thus an important component of the company climate strategy. In accordance with the operational monitoring approach, the report takes into account the Karerseestraße 21 A, I-39056 Welschnofen location. This GHG balance allows for analysis of reduction potentials and derivation and implementation of effective measures, which in turn significantly contribute to achieving the company climate targets.

The emissions of all six greenhouse gases (groups) that are harmful to the atmosphere and defined by the internationally valid Greenhouse Gas Protocol (GHGP) are taken into account, converted to the unit of carbon dioxide equivalent (CO₂e) with the corresponding factor and presented with the Global Warming Potential (GWP) 100a impact category in the unit t CO₂e.

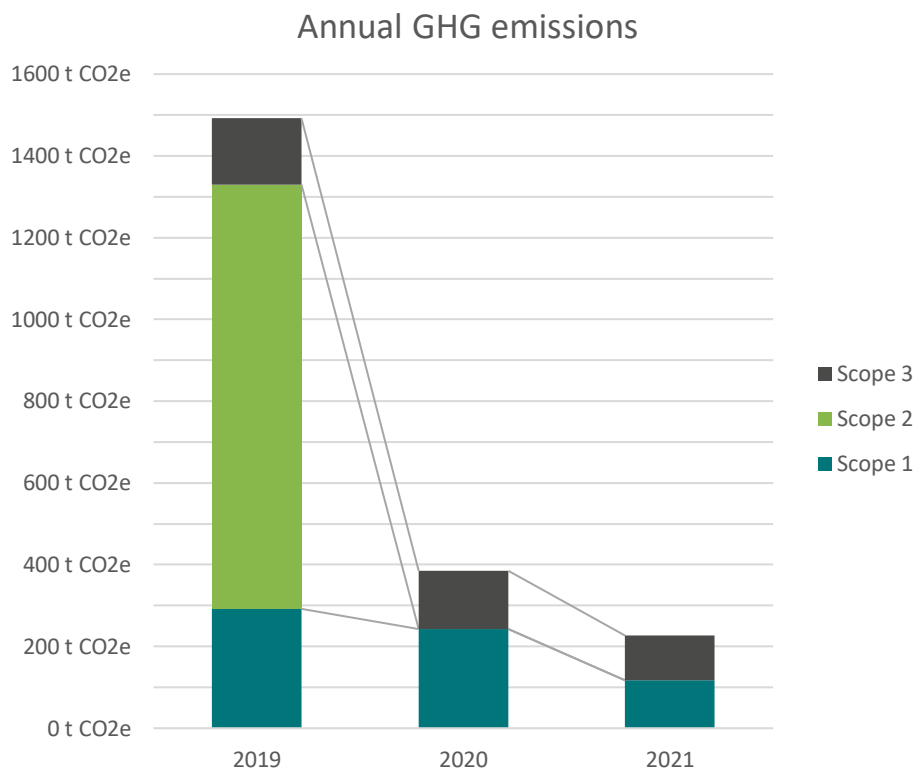
The CO₂e emissions are reported in accordance with the GHGP according to Scope 1 (direct), 2 (indirect) and 3 (indirect from business processes or consumer goods). The consumption data from the 2021 period under review used for the calculation was provided by the company and is its responsibility. If consumption cannot be determined to a sufficient extent, practical assumptions or average values are used.

	2020		2021	
	in t CO ₂ e	%-Anteil	in t CO ₂ e	%-Anteil
SCOPE 1				
Fuels from stationary combustion	31,66	8,21%	21,04	9,29%
<i>from biogenic energy sources</i>	0,00	0,00%	0,00	0,00%
Fuel from vehicle fleet	210,43	54,57%	96,02	42,39%
Refrigerant	0,00	0,00%	0,00	0,00%
SCOPE 2				
Electricity*	0,00	0,00%	0,00	0,00%
District heating	0,00	0,00%	0,00	0,00%
<i>from biogenic energy sources</i>	0,00	0,00%	0,00	0,00%
*according to market-based approach				
SCOPE 3				
Business travel	0,00	0,00%	0,00	0,00%
Employee commuting	26,01	6,75%	23,56	10,40%
Fuel and energie related activities	81,99	21,26%	50,92	22,48%
Paper an Printing	0,41	0,11%	0,39	0,17%
IT devices	2,70	0,70%	2,74	1,21%
Food	30,12	7,81%	25,91	11,44%
Water	0,97	0,25%	1,04	0,46%
Waste	1,34	0,35%	4,90	2,16%
SUMME	385,62	100%	226,53	100%

Explanation of main emitters and changes to the previous year

The present assessment of the GHG emissions shows that it was possible to reduce emissions compared with the previous year; the largest shares are attributable to energy-related (from energy generation and fuel production) and fuel-related emissions. The latter fell sharply compared with the previous year due to lower consumption.

The GHG emissions of the previous years are composed of the following:



In order to permanently reduce GHG emissions or to keep them at a low level, short- or medium-term climate targets and, if necessary, fields of action and reduction measures derived from them must be defined on the basis of the GHG balance. The company itself is responsible for the ultimate achievement of targets and the implementation of effective measures.

REDUCTION MEASURES

Purchase of new snowmobiles with a 20% lower consumption compared to the previously used vehicles.

The turn to zero team offers further support with various products and solutions in the area of climate protection.

Brixen, 10. August 2022