

Annex 2: CO₂ footprint of Pilen

Element	Weight (kg)	Input to tool if applicable (m3)	Factor kgco2e/kg	For	Factor from	Reference	Total kgCO2e	Reference (link)	Notes
Earthworks	75,600	42000	0,005		InfraLCA v 17 december 2021	<i>Modellen - Vej_aggregeret - 'Jordindbygge fra depot'</i>	378	Previous total included incorrect value in Power BI of 330000, now updated	
Steel	350000	N/A	1,3		Memo prepared for Sund & Bælt		455000	Emcon, 2022. CO2-emission fra Beton og Armeringsstål. 29. April 2022, Sund & Bælt	
Concrete	393360	N/A	0,340		Memo prepared for Sund & Bælt		133742	Emcon, 2022. CO2-emission fra Beton og Armeringsstål. 29. April 2022, Sund & Bælt	
Reinforcement steel	101659	N/A	0,445		EPD, Celsa Steel Service		45238	Celsa Steel Service, 2019. Environmental Product Declaration. In accordance with ISO 14025 and EN 15804:2012+A2:2019 for: Steel Reinforcement products for concrete – Danish production from Celsa Steel Service A/S	
Total							634358		