



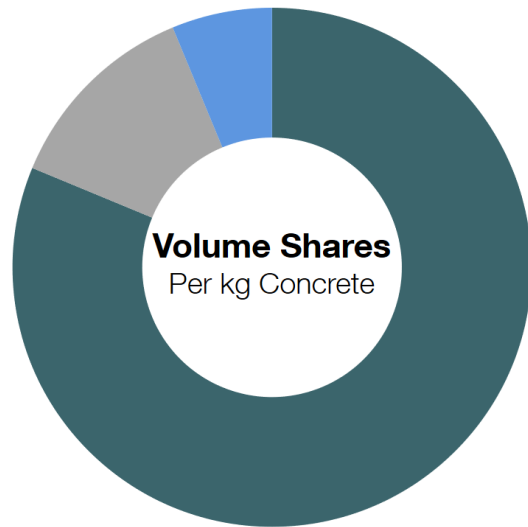
#EUCircularTalks

Closing infrastructure material cycles
through European cooperation

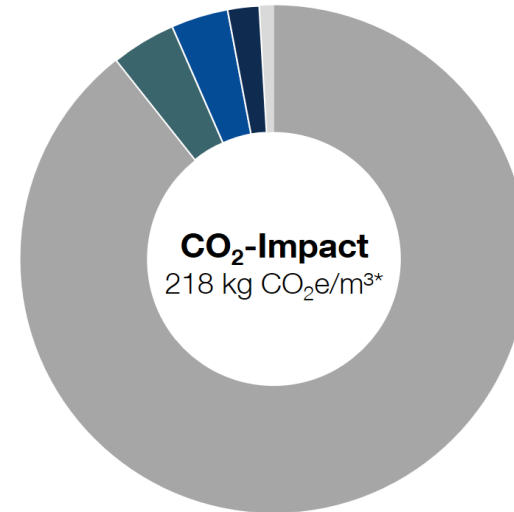


Volume Shares and CO₂e-Emissions

Composition of Concrete



■ Aggregate	81,25 %
■ Cement Production	12,50 %
■ Water	6,25 %



■ Cement Production	195 kg	89,3 %
■ Aggregate	9 kg	4,1 %
■ Transport	8 kg	3,7 %
■ Concrete Factory	4 kg	2,0 %
■ Additives	2 kg	0,9 %

*The example of C30/37 XF2

Sustainability Criterias in the Public Procurement Process

- **Quality points**
- **Internalized costs**

Internalisation of external costs

valuation prize = bid prize + CO₂e-volume X 195,- €/t-CO₂e