



Global Warming Potential Calculation

ILLWERKE ZENTRUM MONTAFON

Case Building

Construction¹

Case Building Value K_{Case} 4.56 kg CO₂e/m²y

In Use²

Case Building Value N_{Case} 14.72 kg CO₂e/m²y

Total Value

19.28 kg CO₂e/m²y

Ref-Building

Construction¹

Reference Value K_{Ref} 9.40 kg CO₂e/m²y

In Use²

Reference Value N_{Ref} 42.84 kg CO₂e/m²y

Total Reference Value

52.24 kg CO₂e/m²y

Target Value

26.60 kg CO₂e/m²y

Threshold Value

73.10 kg CO₂e/m²y

¹ Includes life cycle stages production (A1 - A3), maintenance (B2), waste processing (C3), disposal (C4) and benefits beyond system boundaries (D)

² Includes life cycle stage operational energy use (B6)