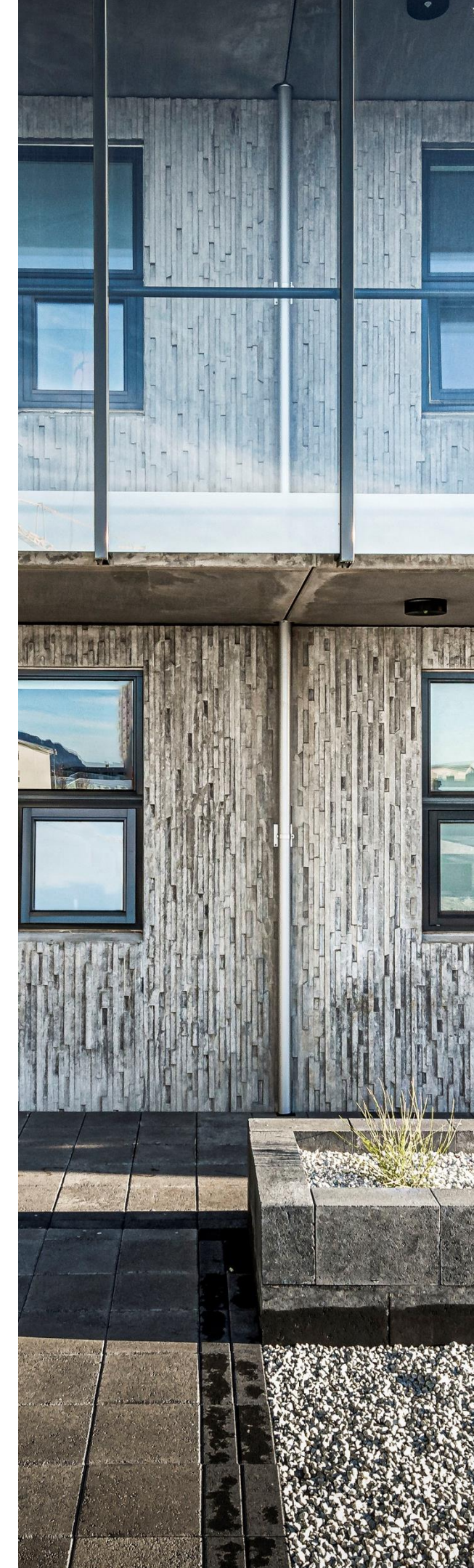
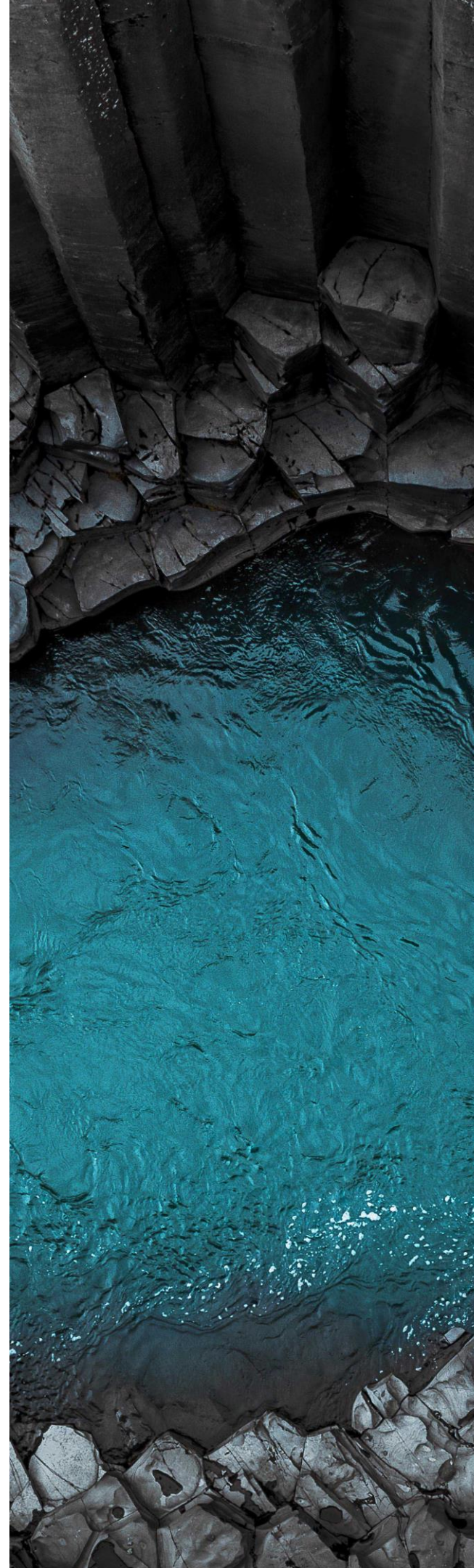


CIRCON ráðstefna | 1. september 2023

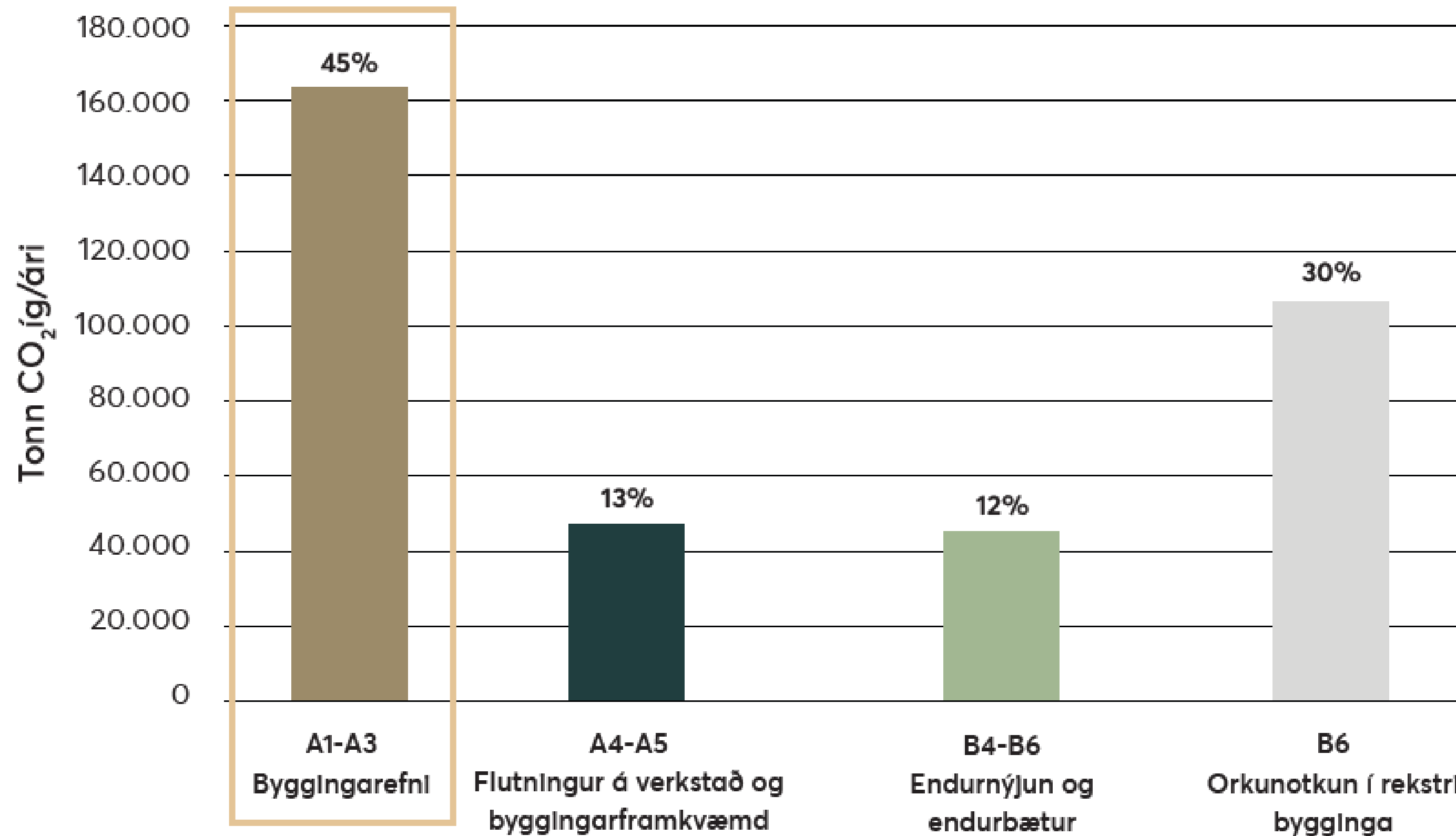
Er verið að steypa nýju fötin keisarans?

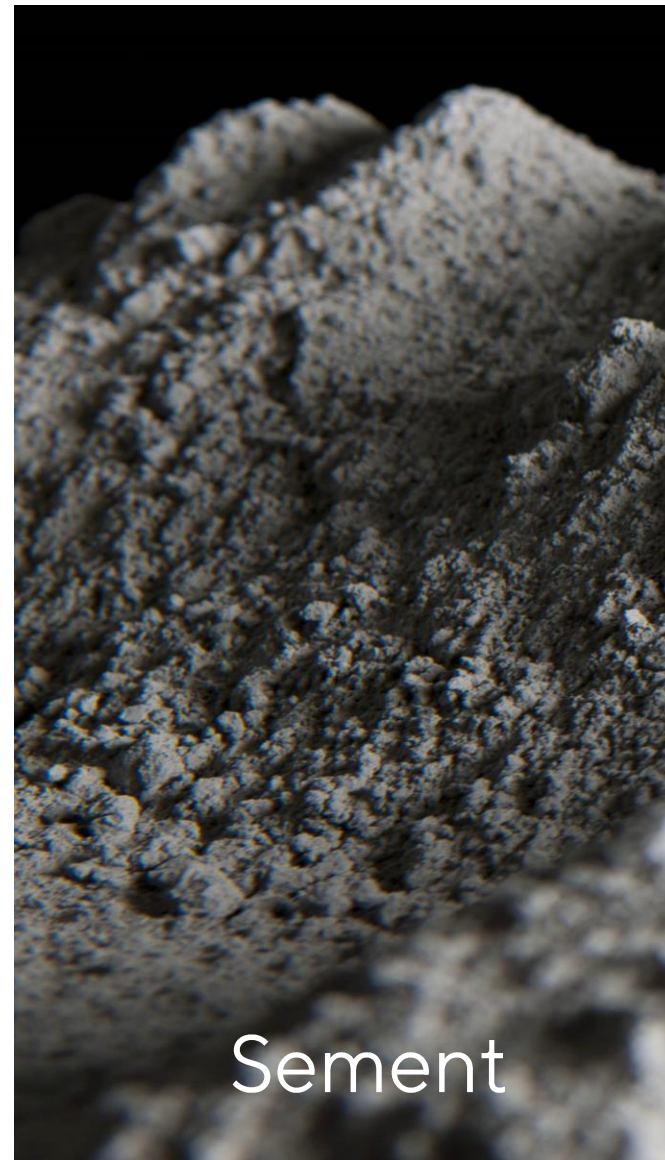
Degar gagnsæi og rannsóknir gegna lykilhlutverki í vistvænni mannvirkjagerð

Sigríður Ósk Bjarnadóttir, Ph.D.
Framkvæmdastjóri umhverfis- og gæðasviðs
Eignarhaldsfélagið Hornsteinn



Árleg losun íslenskra bygginga ≈ 360 þús. tonn CO₂ íg





Sement



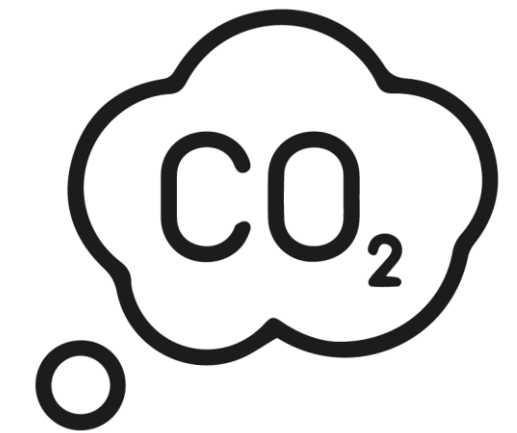
Sandur



Möl



Vatn



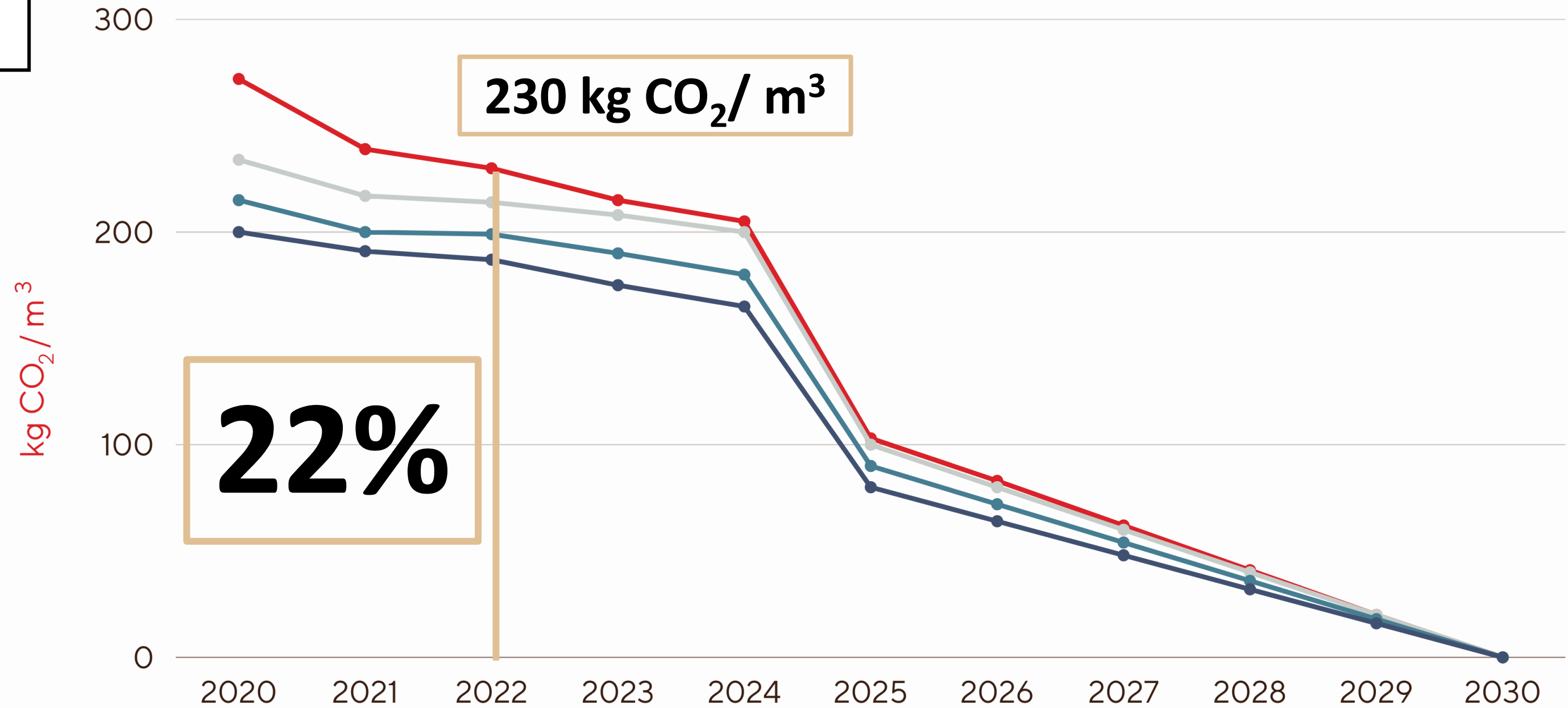
Steypa = 5-8%
kolefnislosun á
heimsvísu

10% af rúmmáli
90% af kolefnisspori

90% af rúmmáli
10% af kolefnisspori



Viðmið:
298 kg CO₂/ m³



Árleg meðaltalslosun á hvern rúmmeter af steinsteypu

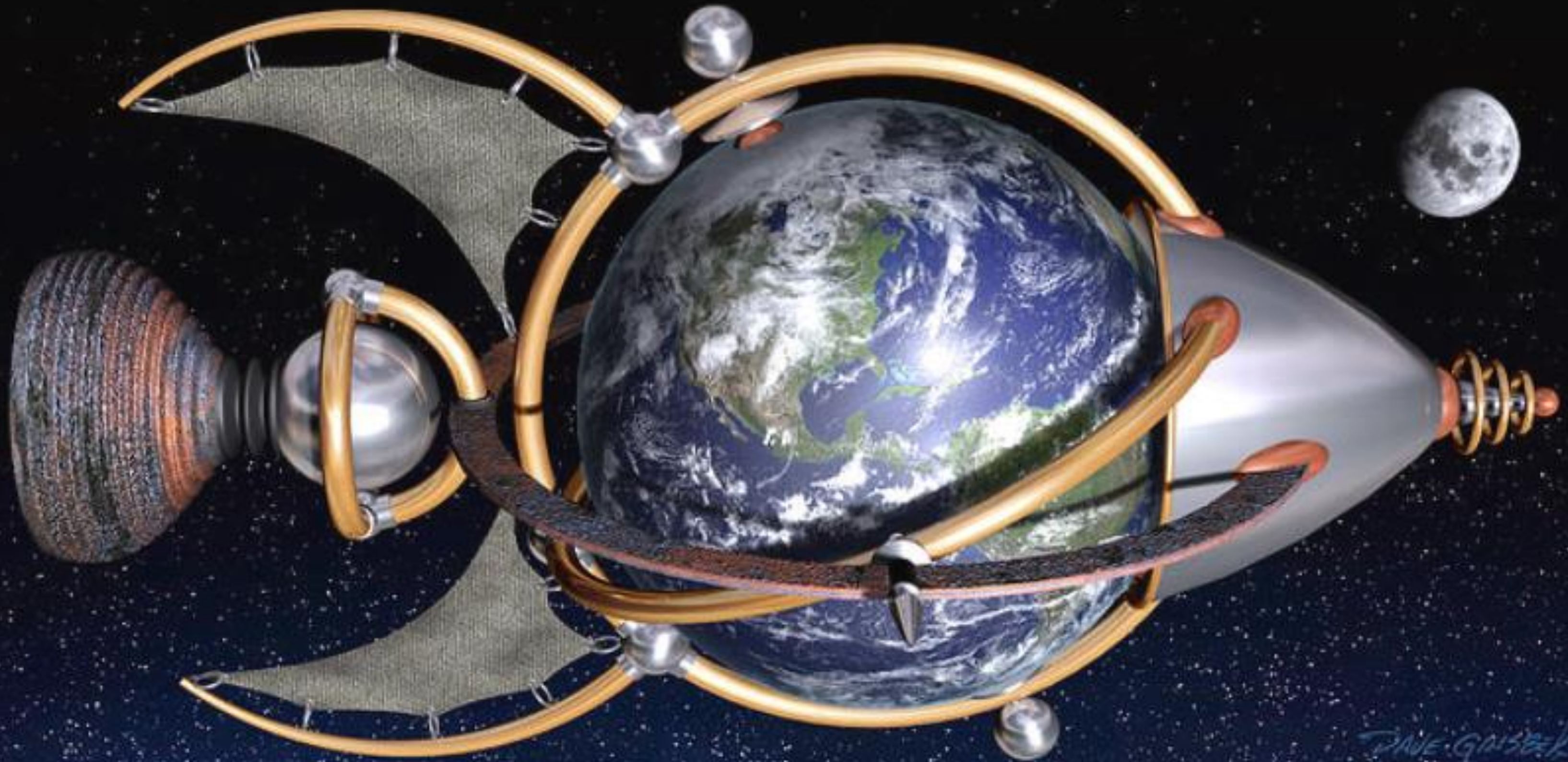
● Meðaltalslosun
allra steypugerða

● Berglind
C25/C30
útisteypa

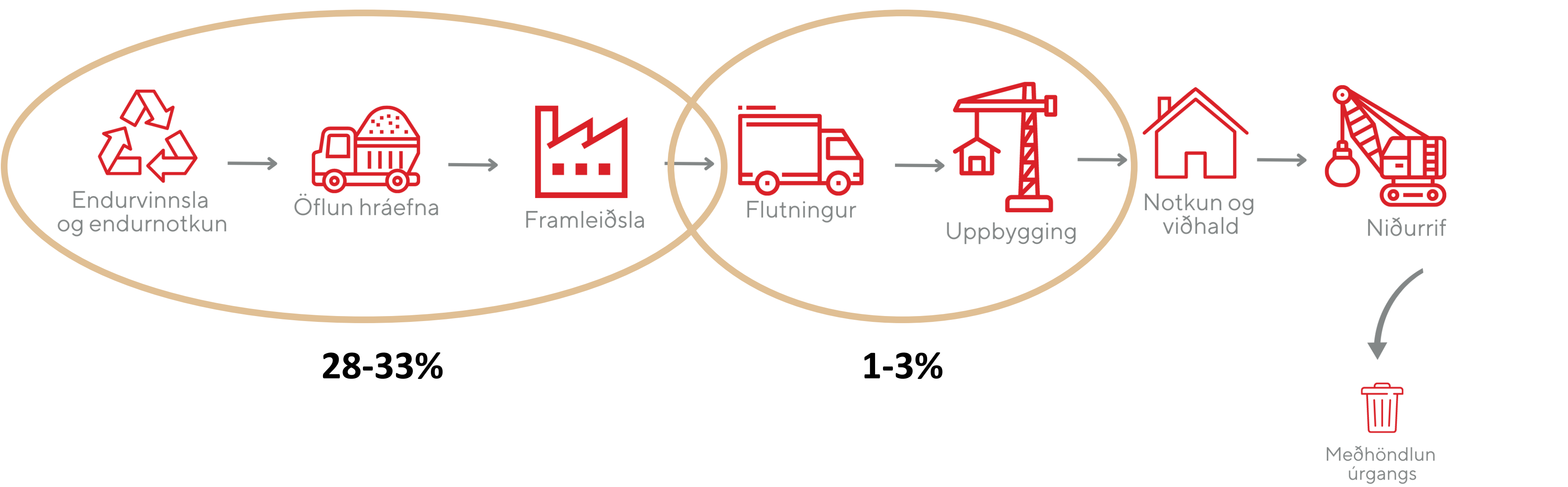
● Berglind
C25/C30
innisteypa

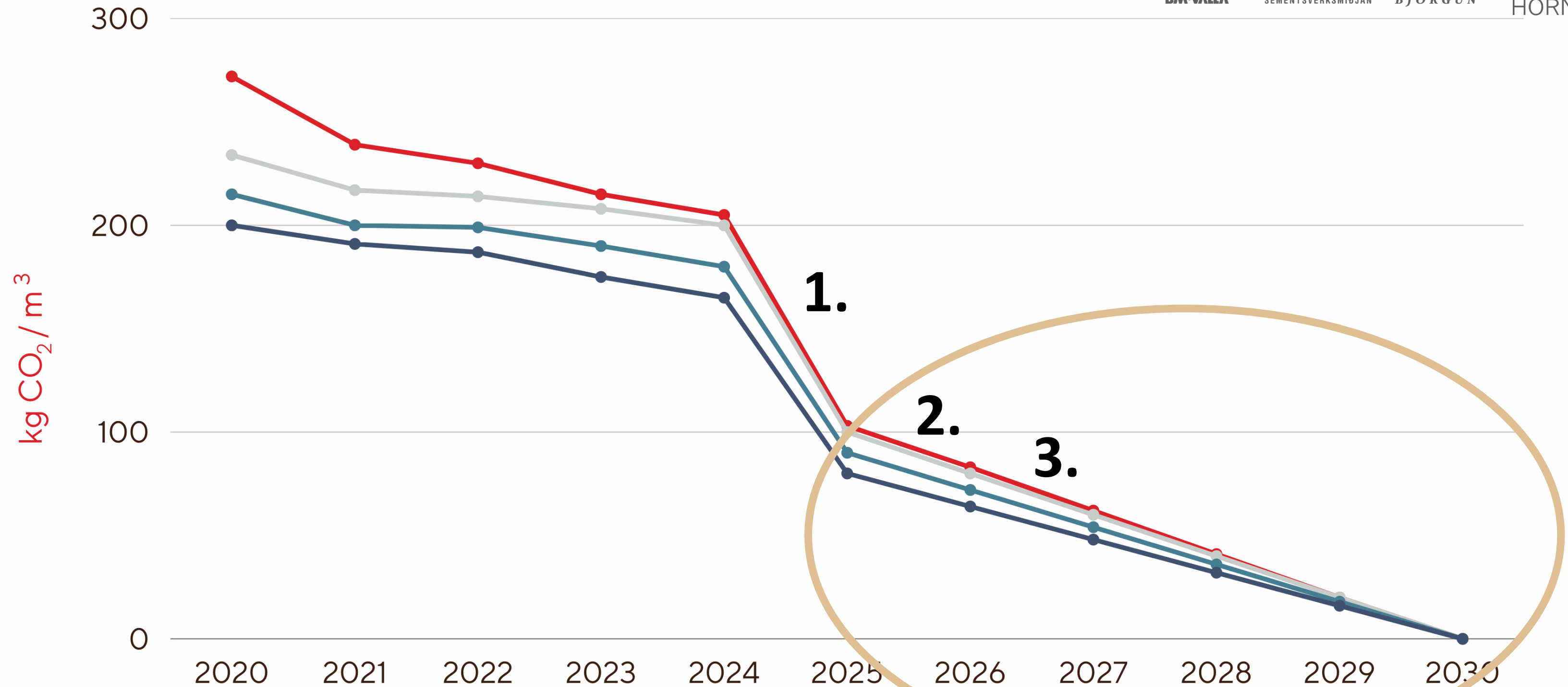
● Berglind
C20/C25
innisteypa

Viðhorfsbreyting



The Economics of the Coming Spaceship Earth
Boulding (1966)





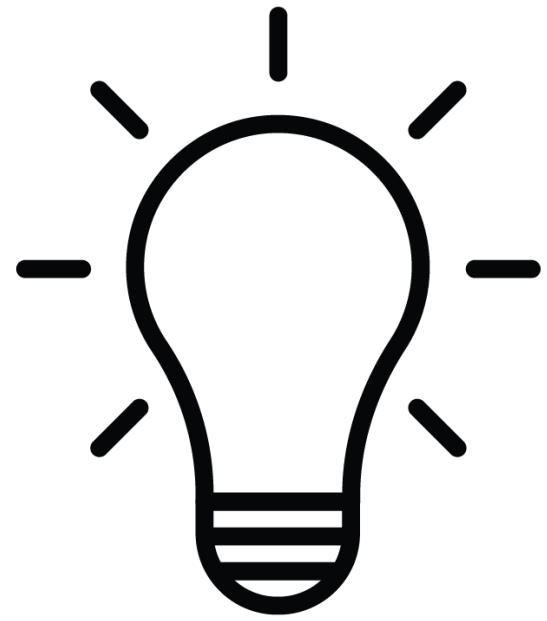
Árleg meðaltalslosun á hvern rúmmeter af steinsteypu

● Meðaltalslosun
allra steypugerða

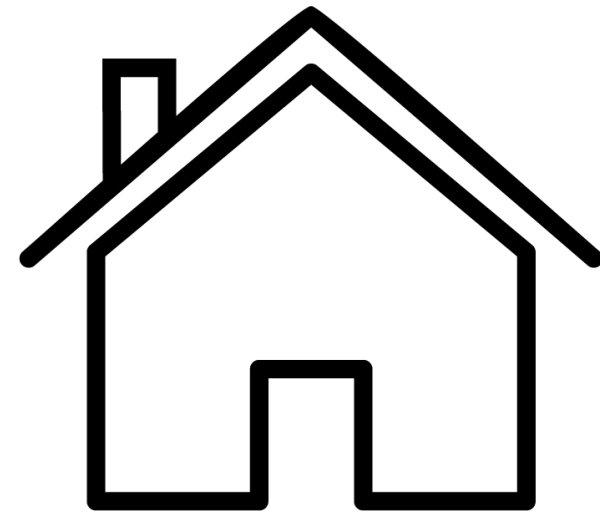
● Berglind
C25/C30
útisteypa

● Berglind
C25/C30
innisteypa

● Berglind
C20/C25
innisteypa



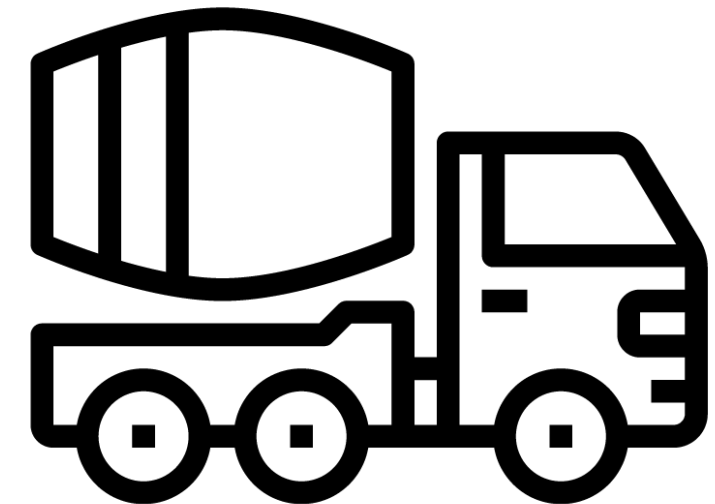
Verkkaupar



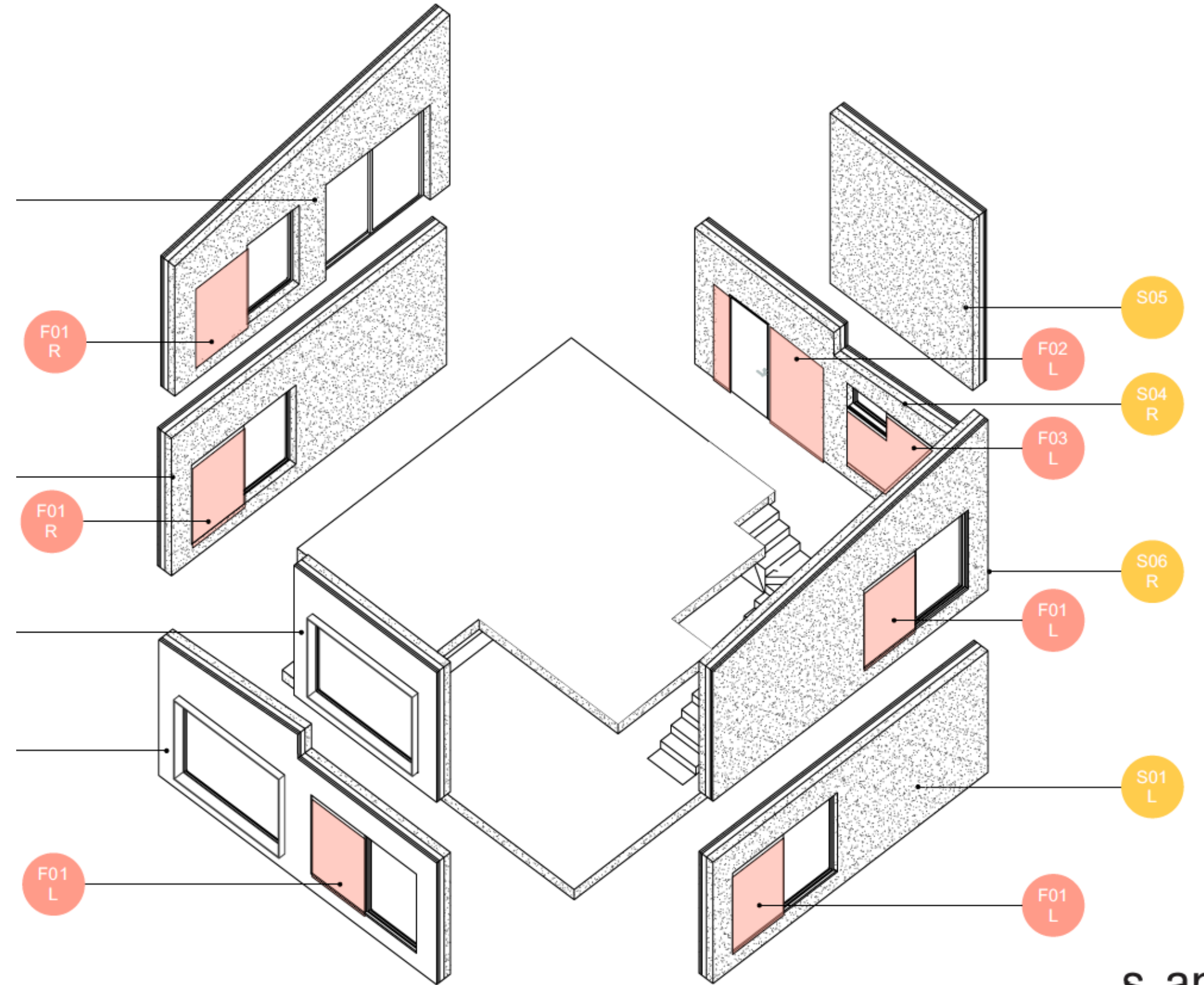
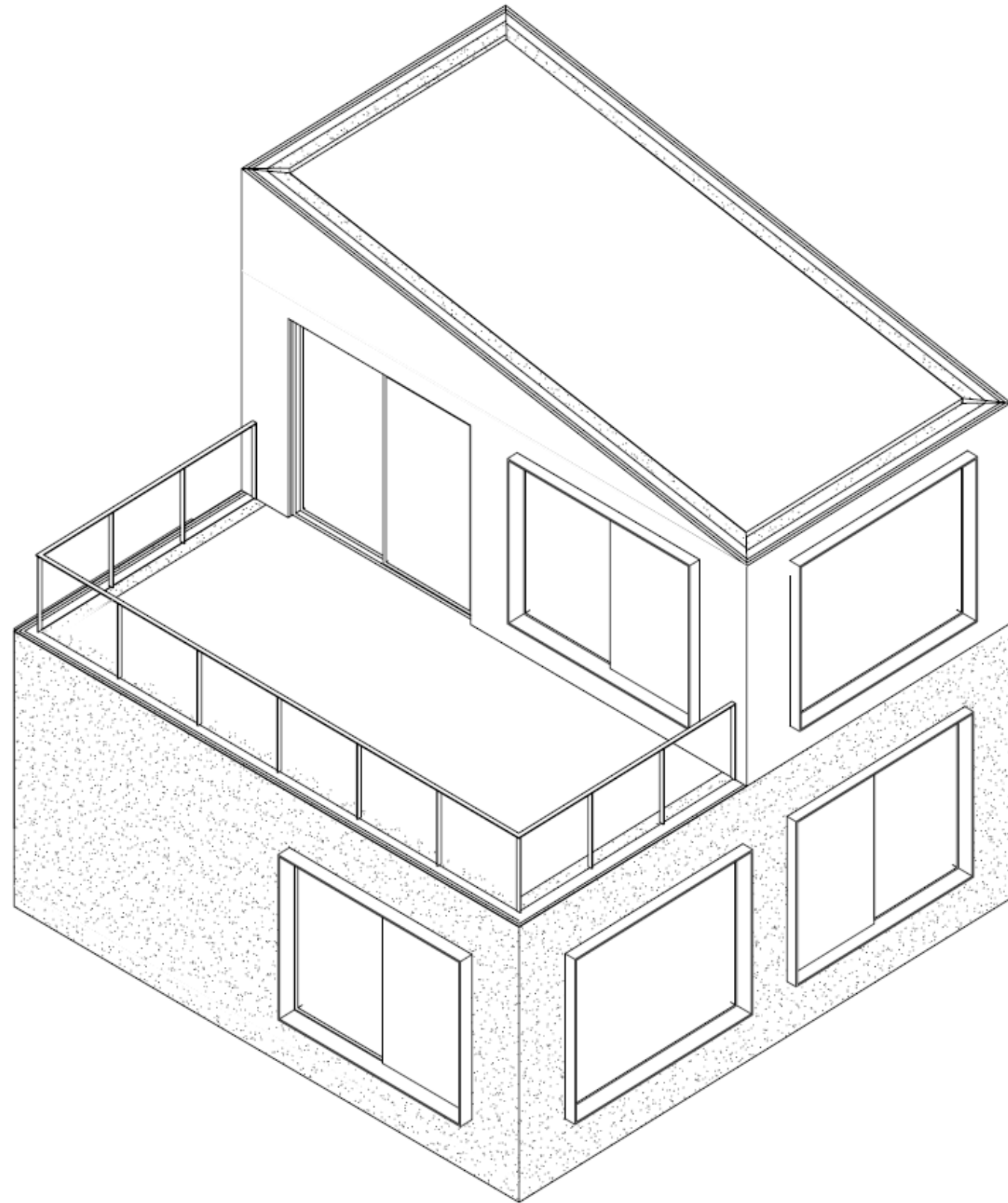
Hönnuðir



Verktakar



Framleiðendur







Álfsnesvík október 2022



Takk fyrir!

✉ sirry@hornsteinn.is