



BIM Seminar 2026

Autodeski töövahendid süsinikuheitmete arvutamiseks



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- **2020-2025 EKA Arhitekturi ja linnaplaneerine** –
Magistritöö: *Kuidas heitmepõhisust
planeeringutesse tuua.*
- **2022 Umeå University (SE)** – Erasmus studio:
Kliimapõhine disain.
- **2024 NTNU (NO)** – Erasmus studio: *Heitmed kui
disaini tegurid*



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- 2023 LCA Support, BIM assistent
- 2024 Reduzer AS, LCA tarkvara testija (NO)
- 2025 Usesoft AS, Forma ja Insight lektor
- 2026 OÜ Ekvivalent, CEO ja LCA konsultant



Eestis arvatatud tööd



Usesoft AS

IT konsultatsiooni ja müügi ettevõte

- Asutatud 1991a.
- 20 spetsialisti ning konsultanti
- Projekteerimis- ja äritarkvara lahendused;
 - Koolitused ja konsultatsioon;
 - Ehituse- ning tootmise andmete juhtimine ja visualiseerimine;
 - IT tugiteenused.



Specialization

Architecture, Engineering
& Construction

Value Added Service

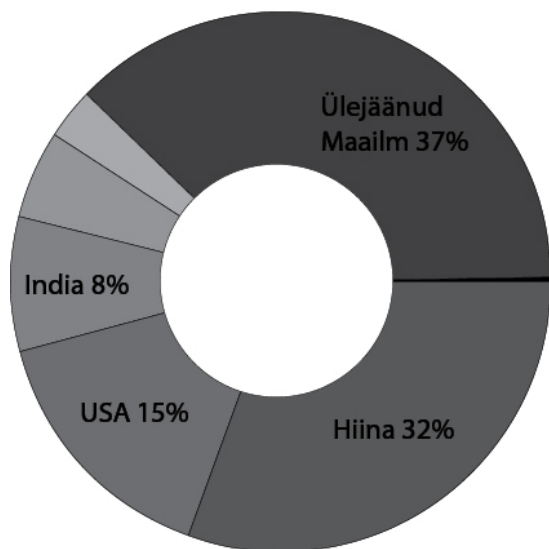
Authorized Training Center
Authorized Certification
Center



Teooria 1

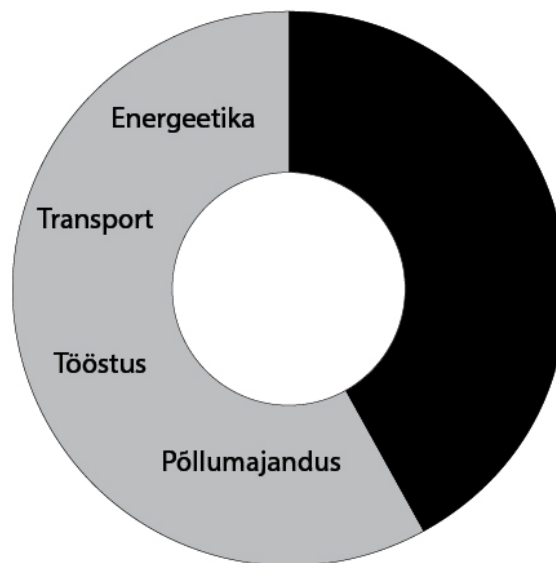
Ehitussektori süsinikujalajälg

Ehitussektori süsinikujalajälg: Pessimistlik narratiiv



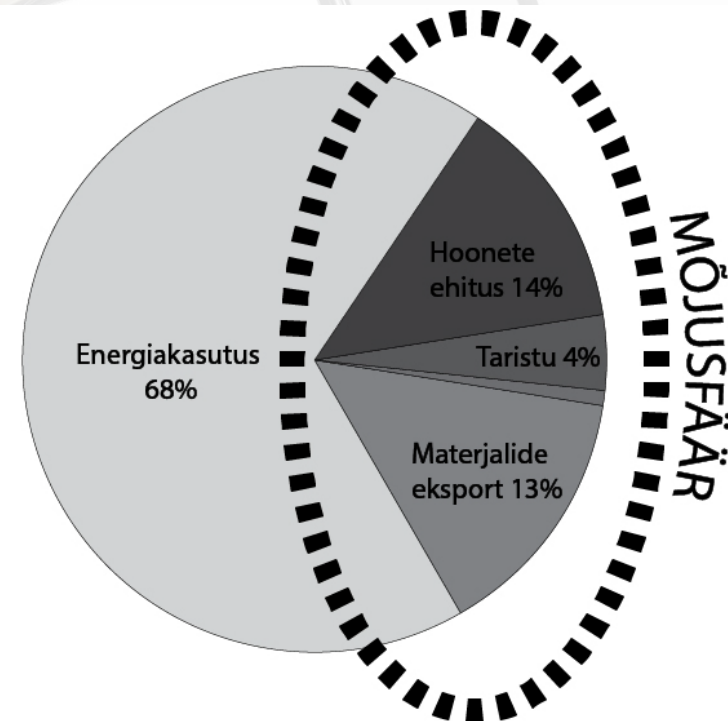
Maailma CO2

Eesti
0.01%



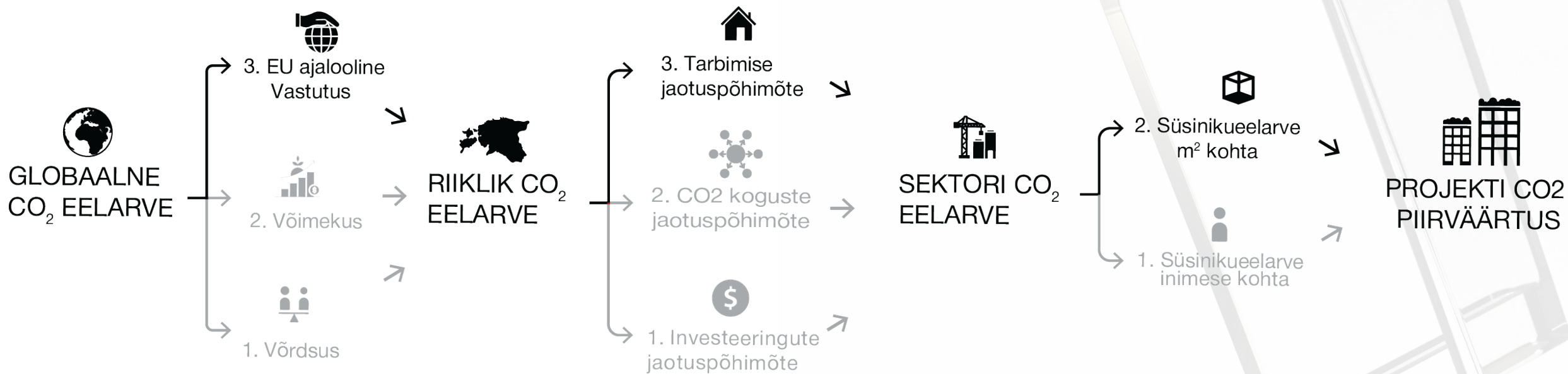
Eesti CO2

Ehitus-
sektor
42%

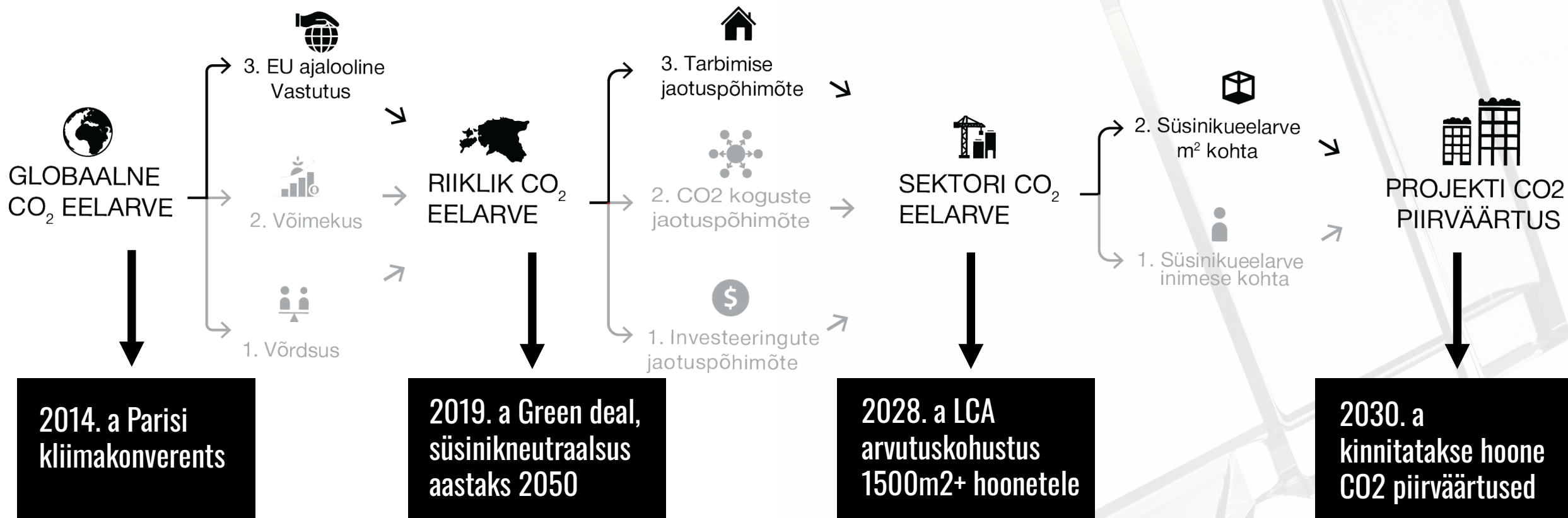


Ehituse CO2

Ehitussektori süsinikujalajälg: Normatiivseks regulatsiooniks



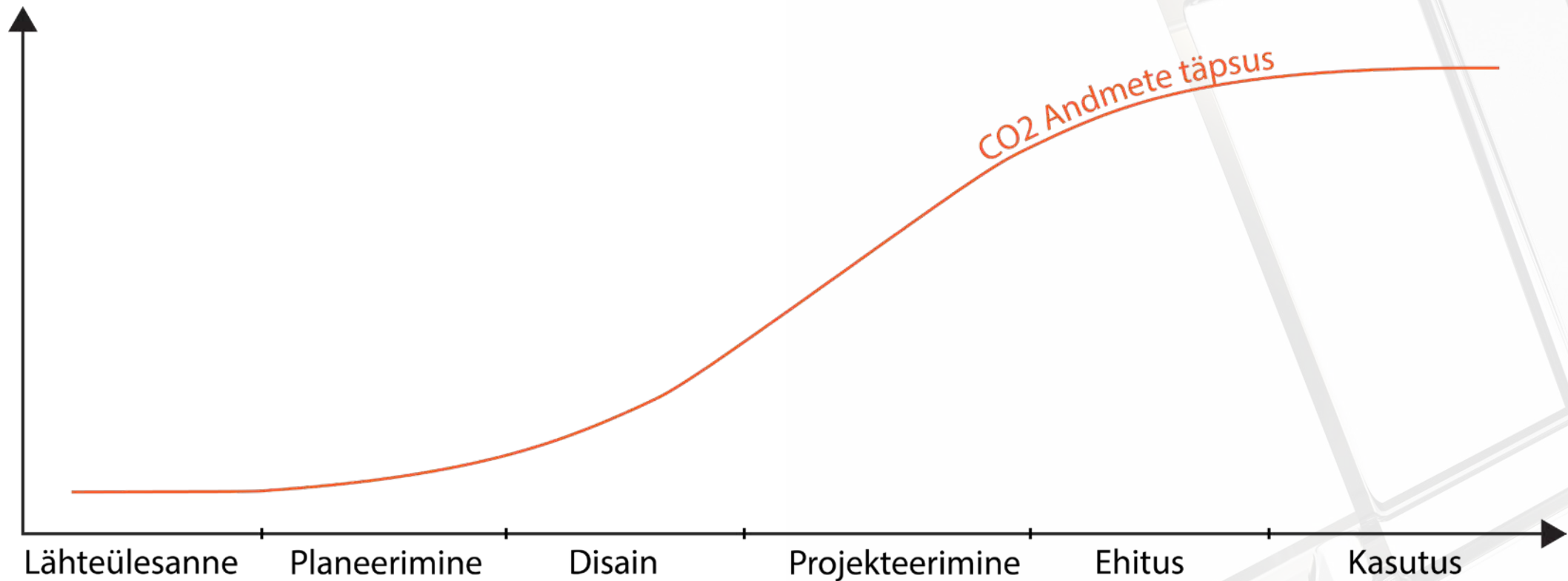
Ehitussektori süsinikujalajälg: Normatiivseks regulatsiooniks



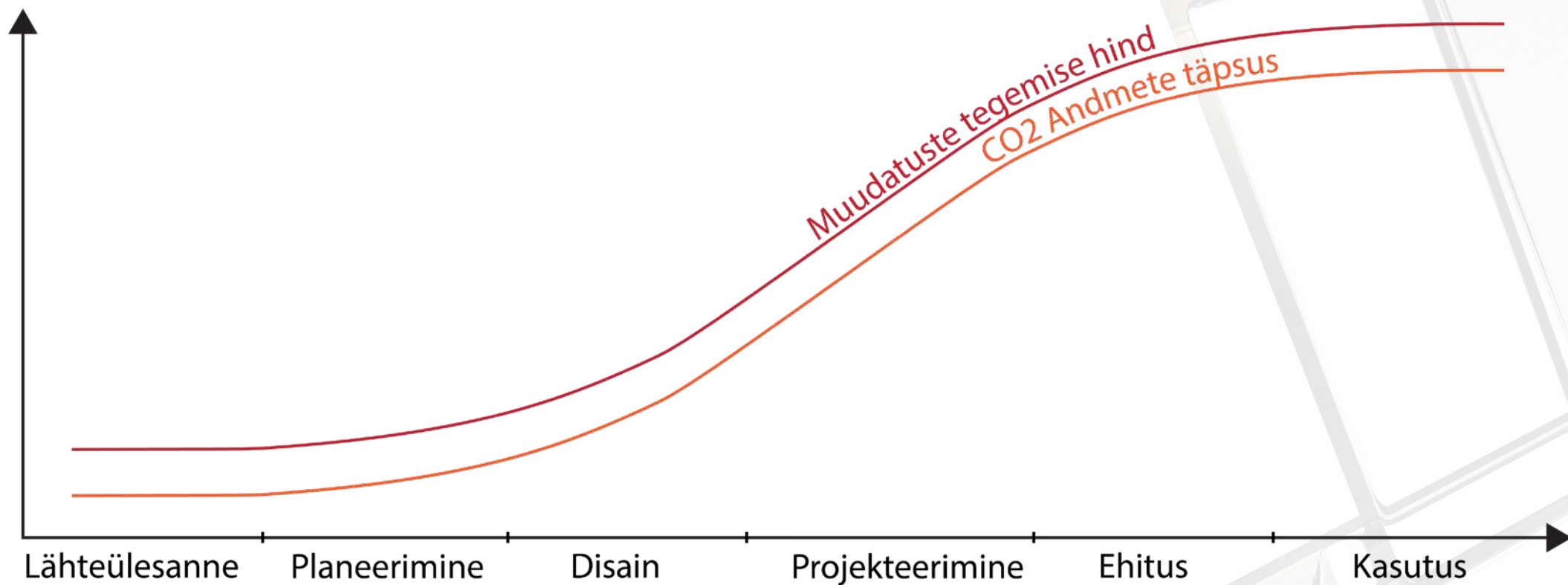
Teooria 2

Kuidas Autodeski töövahenditega Süsinikujalajälge langetada?

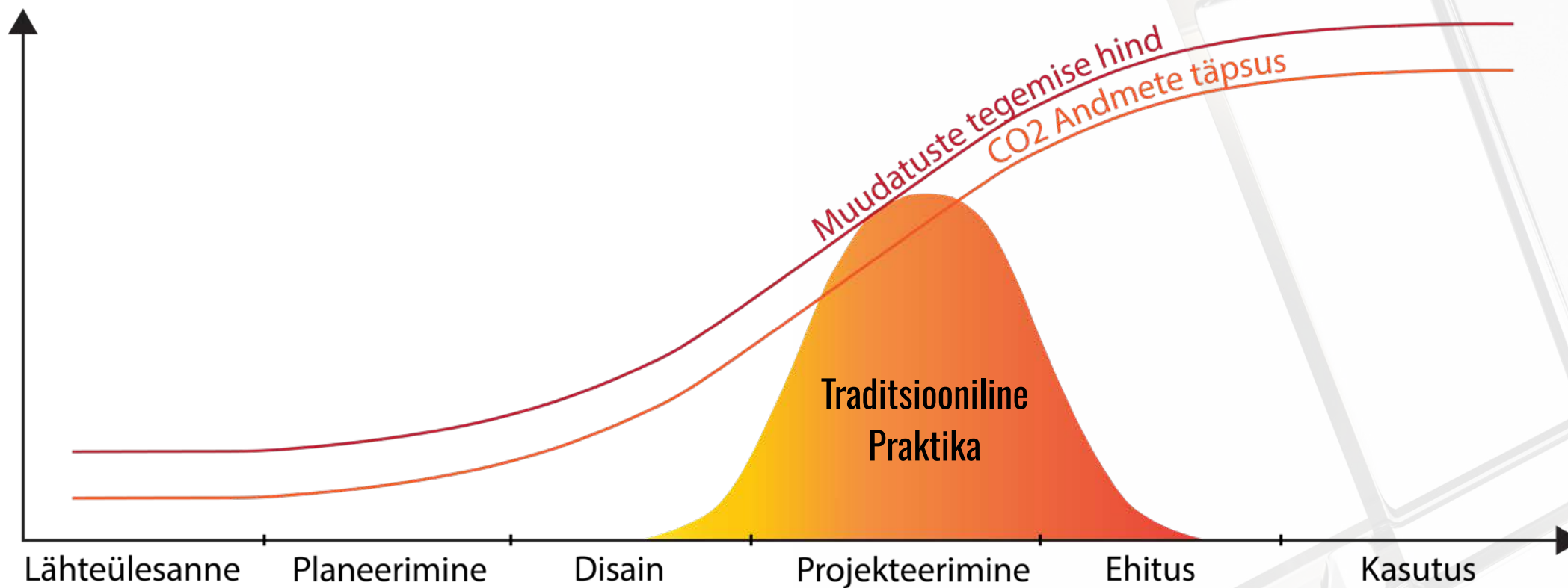
Heitmekurv



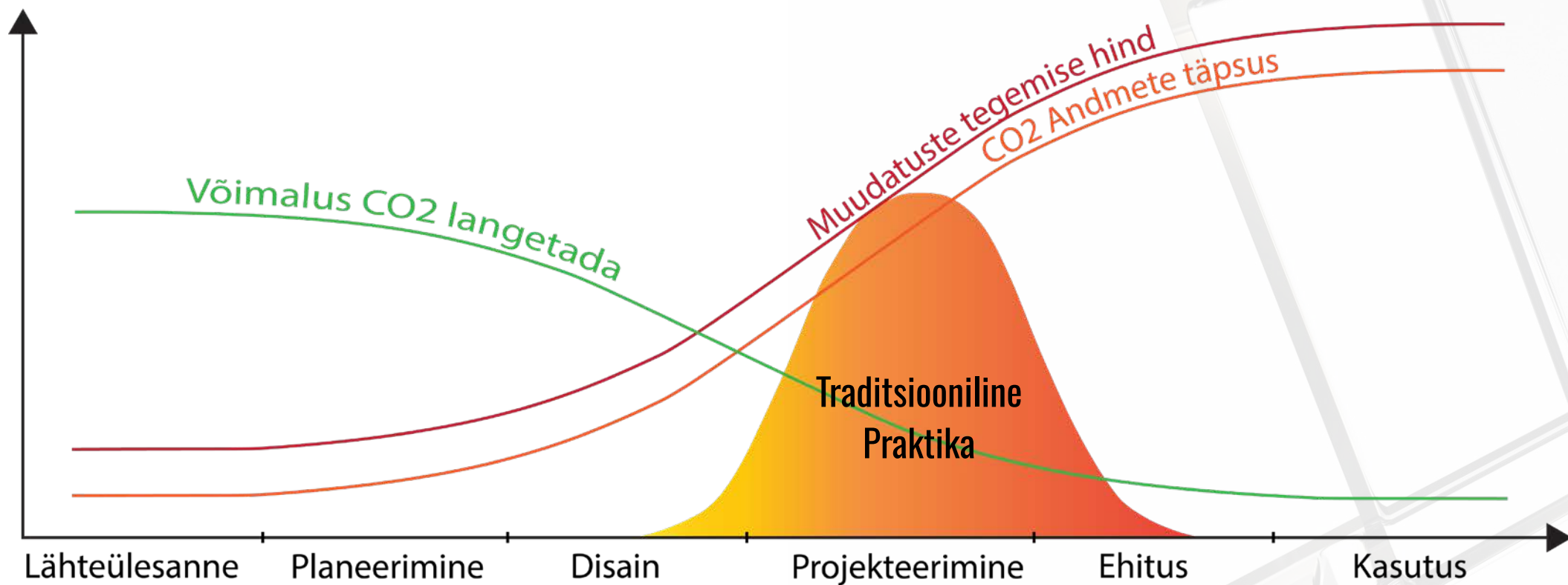
Heitmekurv



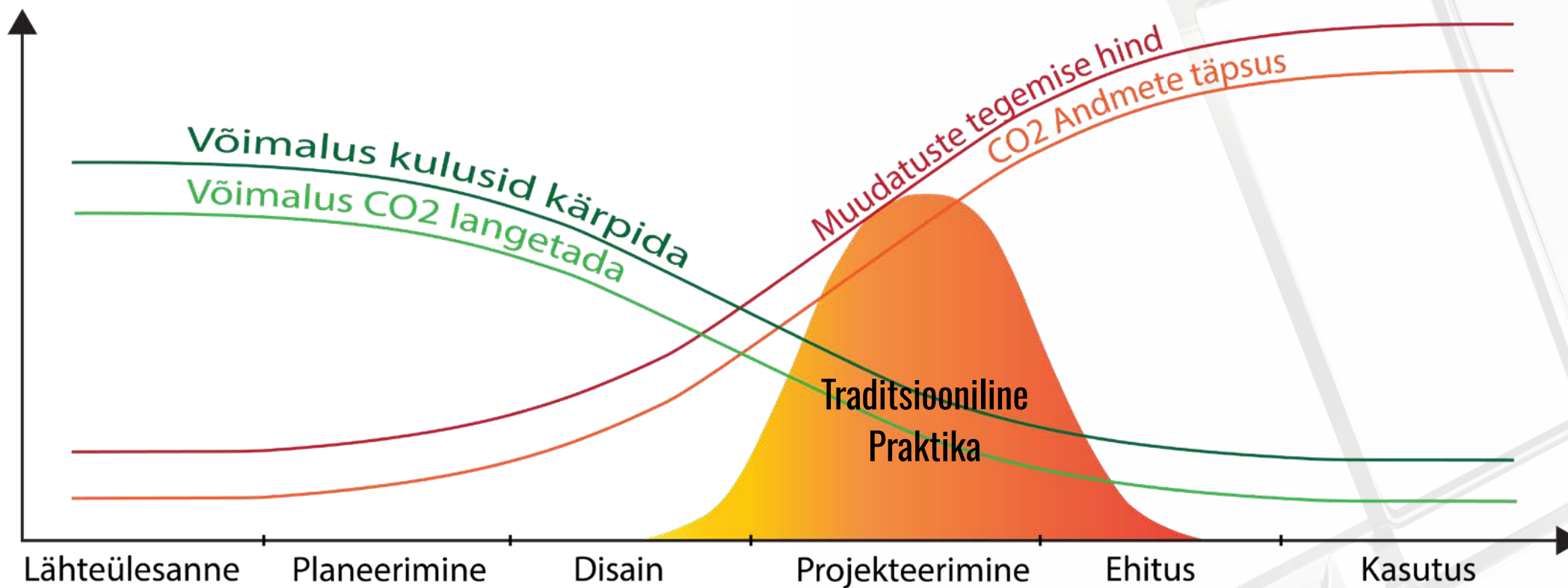
Heitmekurv



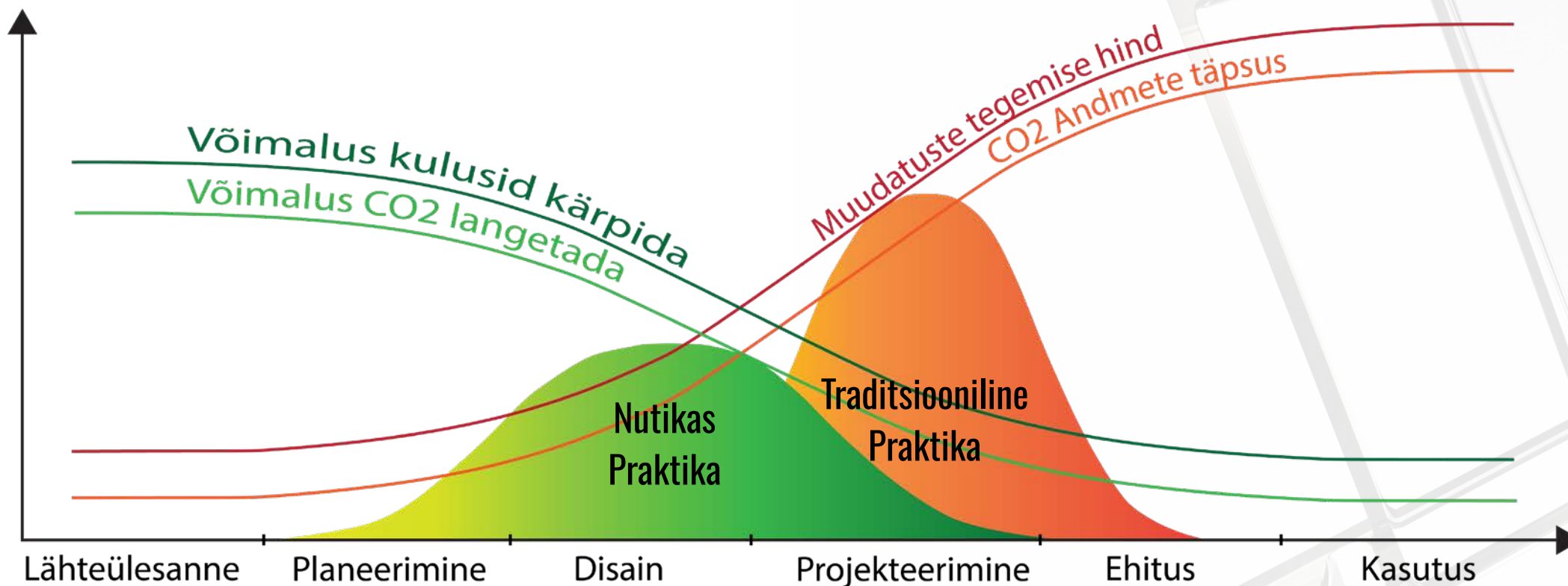
Heitmekurv



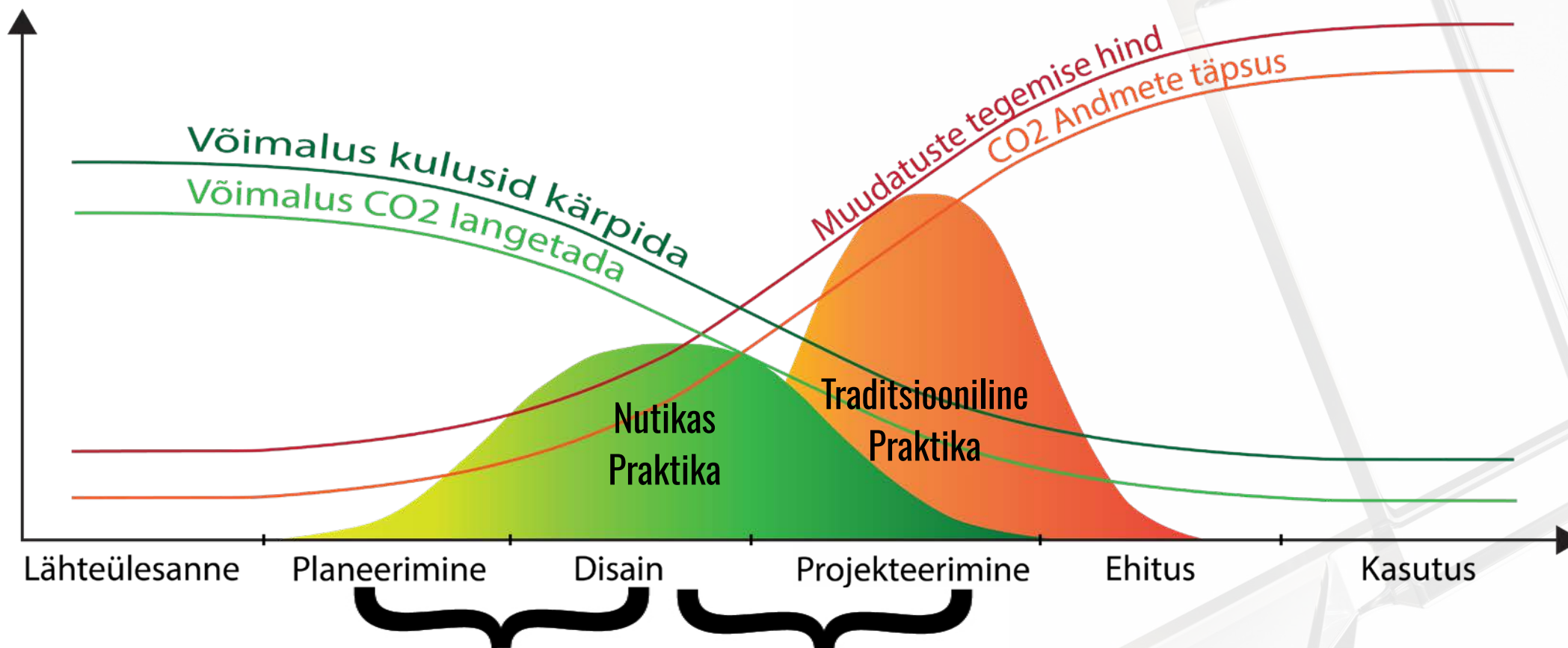
Heitmekurv



Heitmekurv



Heitmekurv





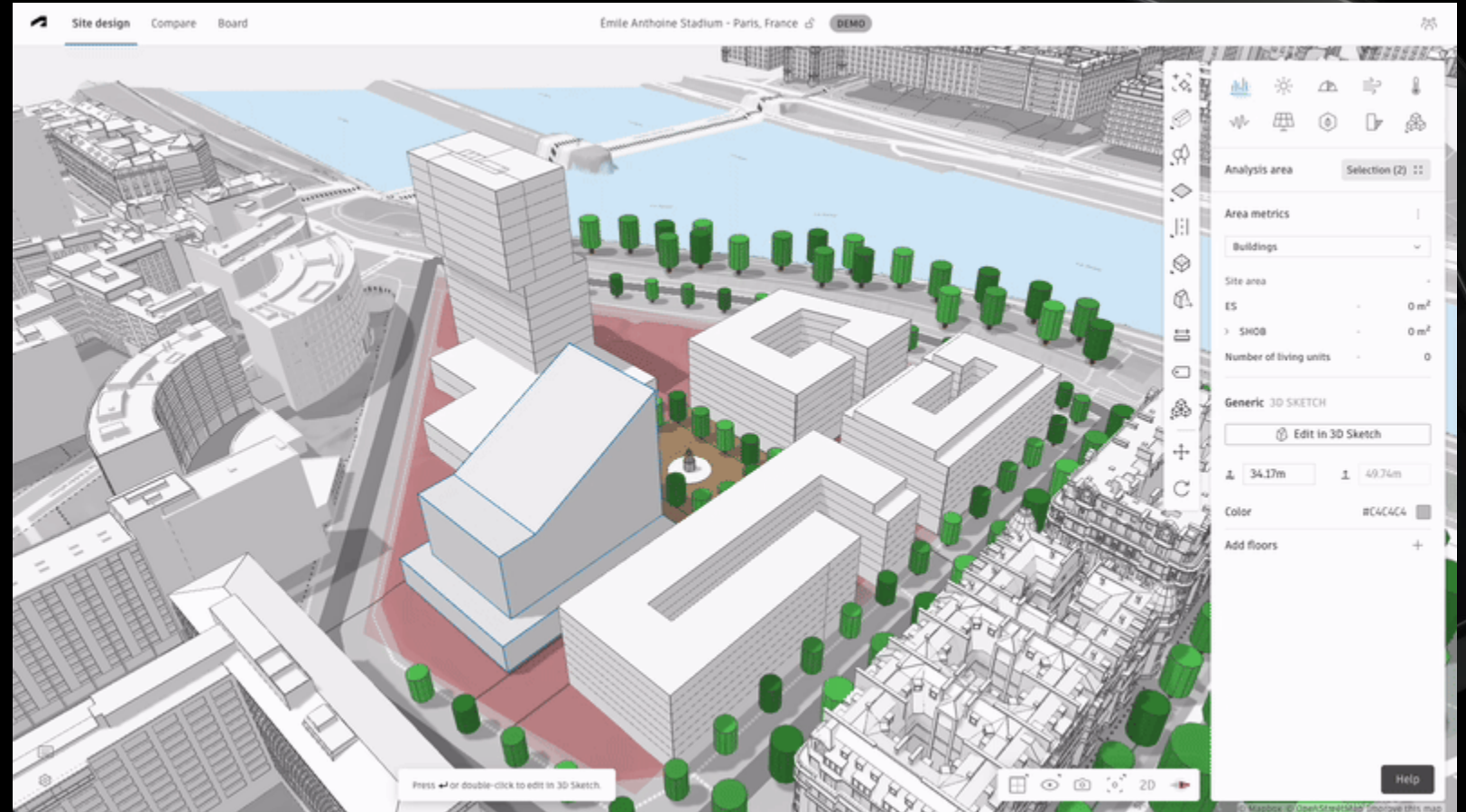
Tarkvara 1: Eskiisprojekt

Autodesk Forma



Autodesk Forma: Flow

1 Import



Autodesk Forma: Flow

1 Import



R

2 Seada parameetrid

Funktsioon

Struktuur

Fassaad

Aknapind



Autodesk Forma: Flow

1 Import



2 Seada parameetrid

3 Heitmeid täpsustada



Autodesk Forma: Flow

1 Import



2 Seada parameetrid

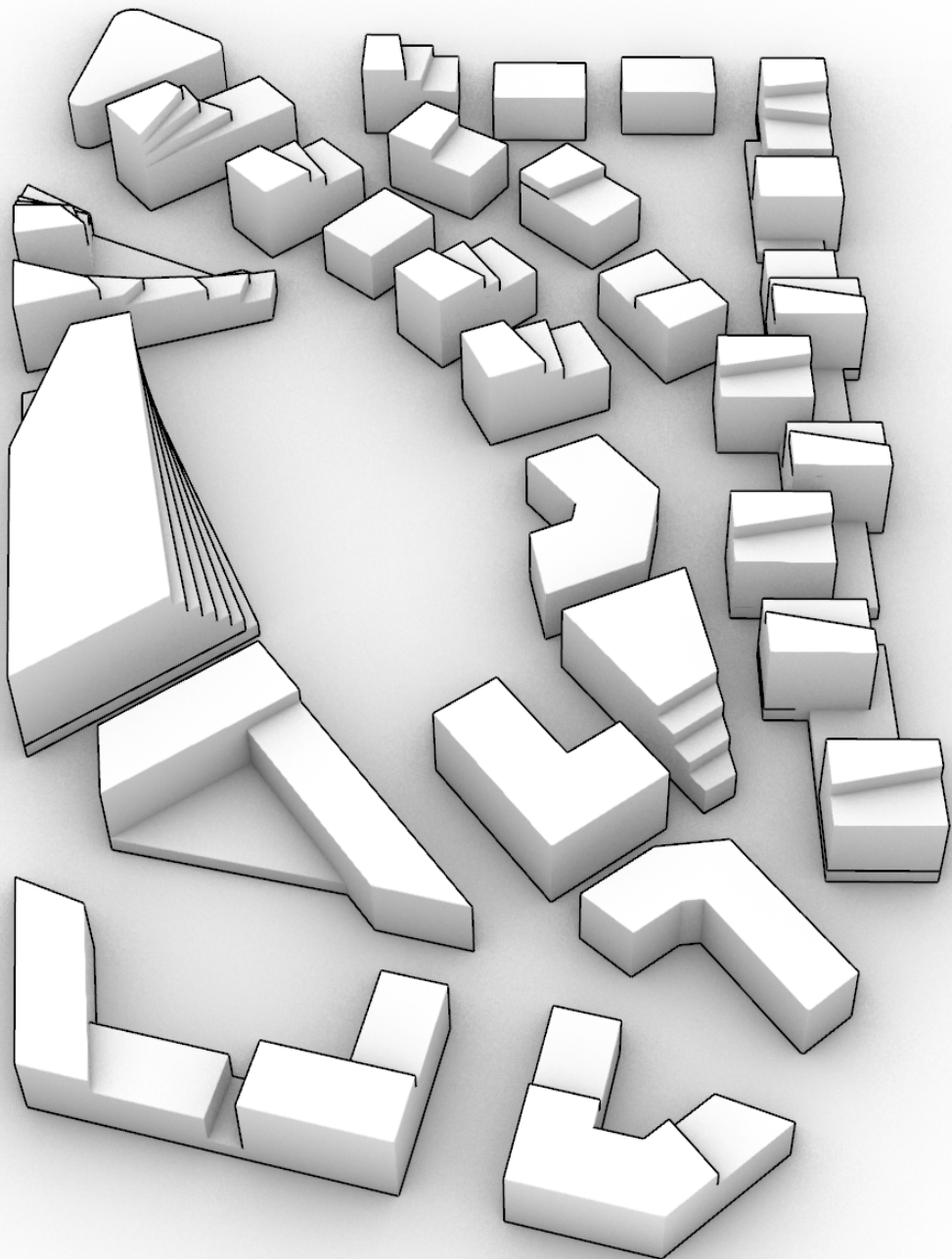
3 Heitmeid täpsustada

4 Tulemuseid võrrelda





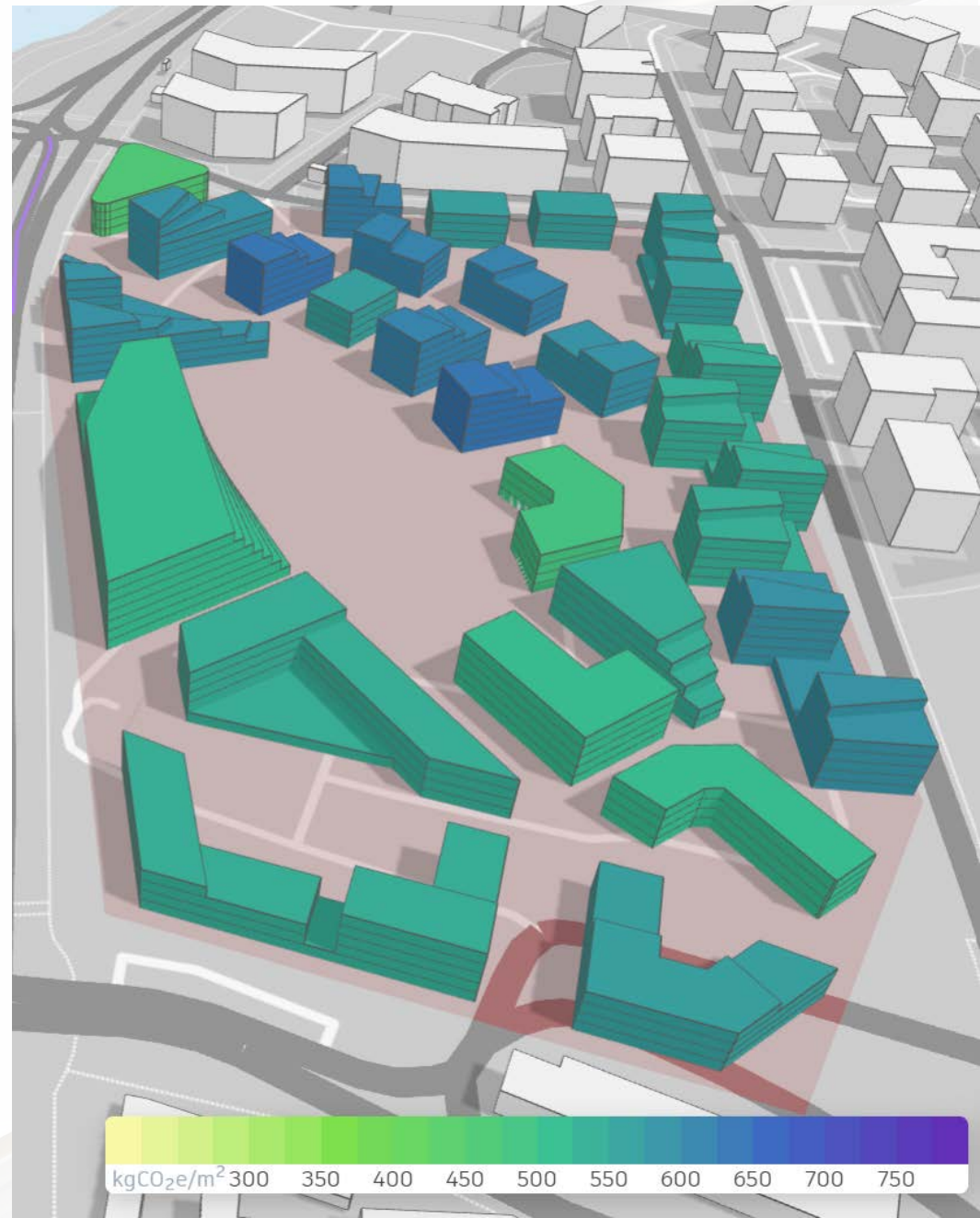
**Nafta tn 1 DP Eskiislahendus,
K-projekt, 02.12.2025**



Ajakulu

1. Samm ~ 3min
2. Samm ~ 9min
3. Samm ~ 15min
4. Samm ~ 3min

Kokku 30min



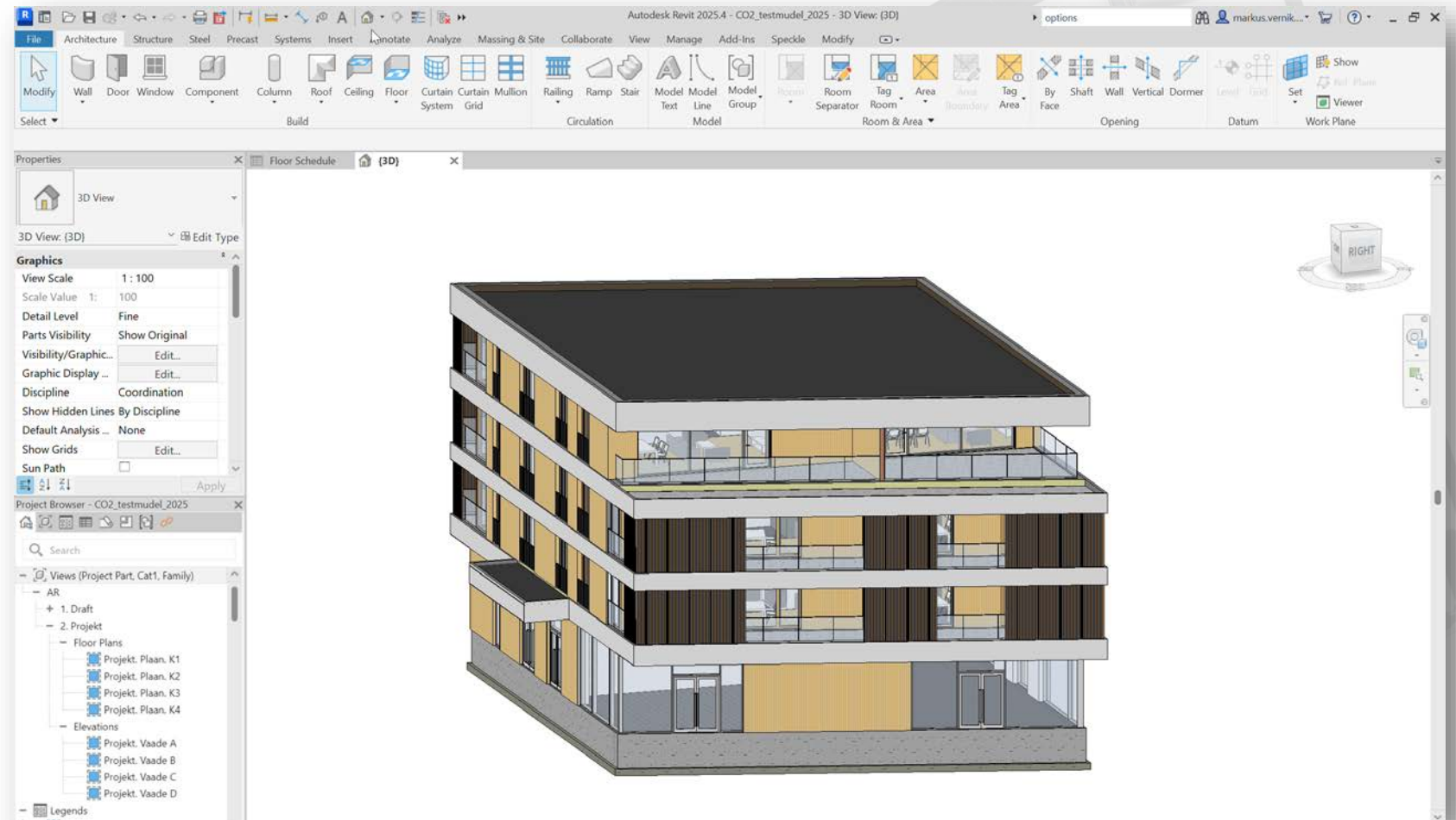


Tarkvara 2: Põhiprojekt

Insight: Carbon Insights

Carbon Insights

1 Import

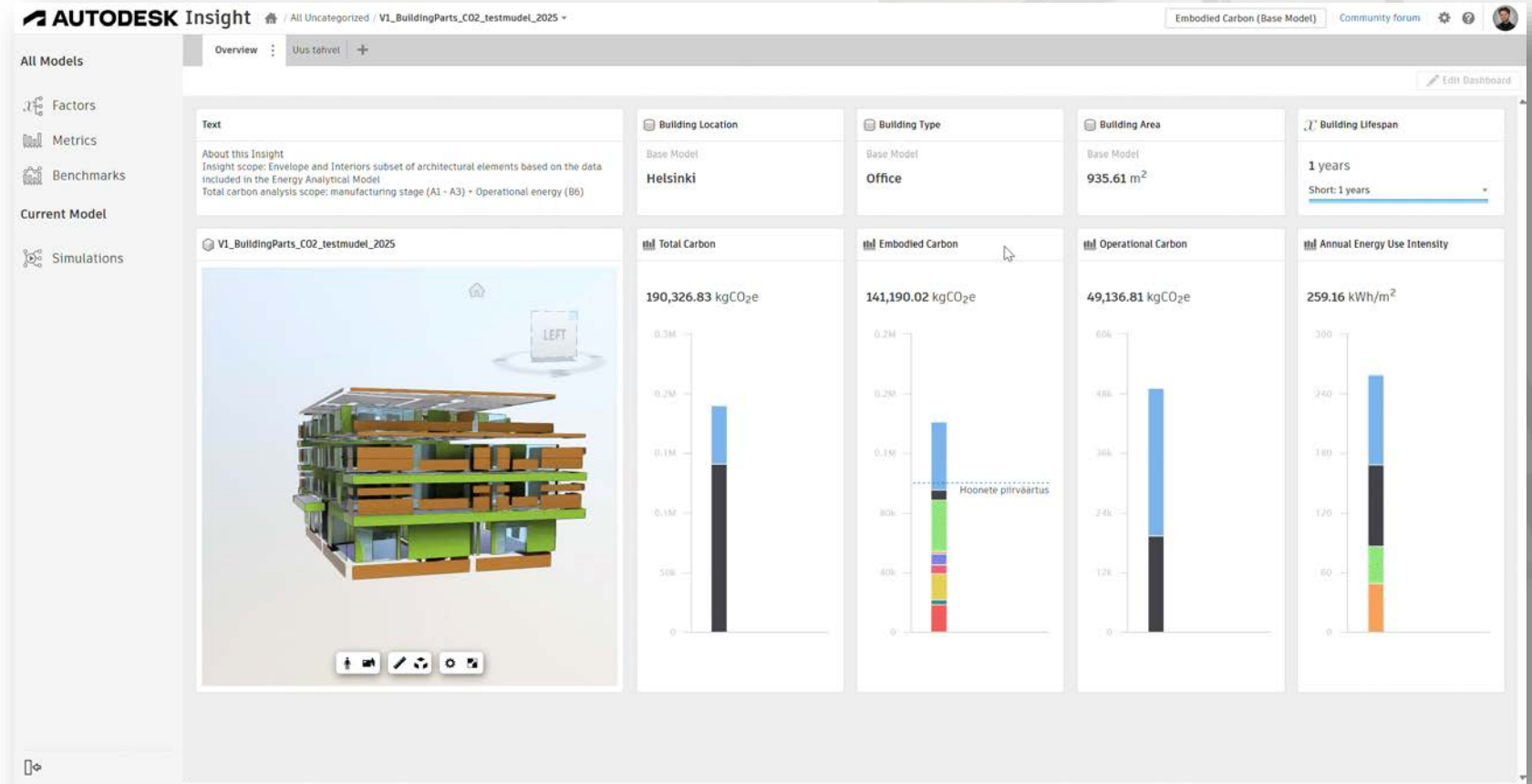


Carbon Insights: Flow

1 Import



2 Seada parameetrid

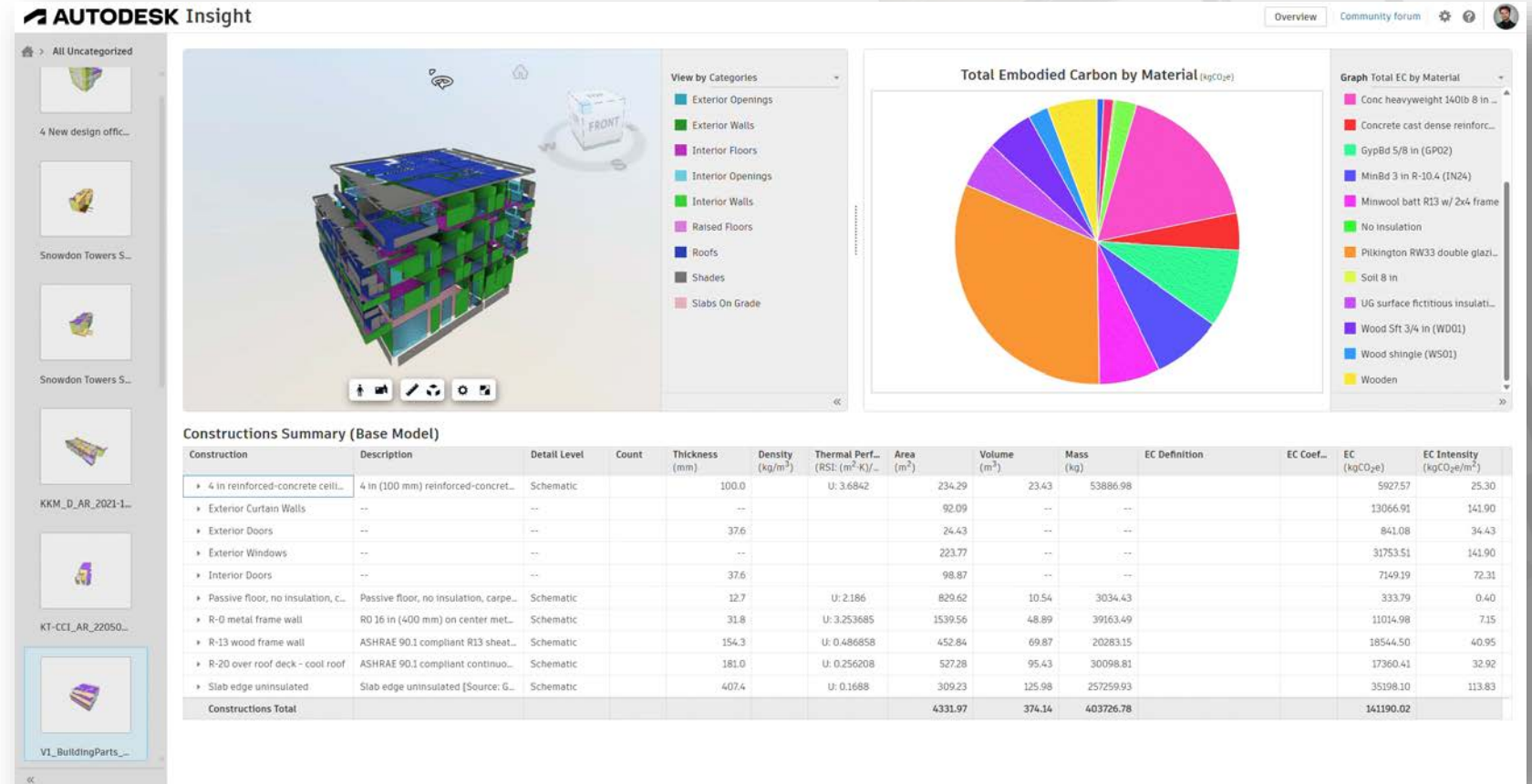


Carbon Insights: Flow

1 Import



2 Seada parametrid



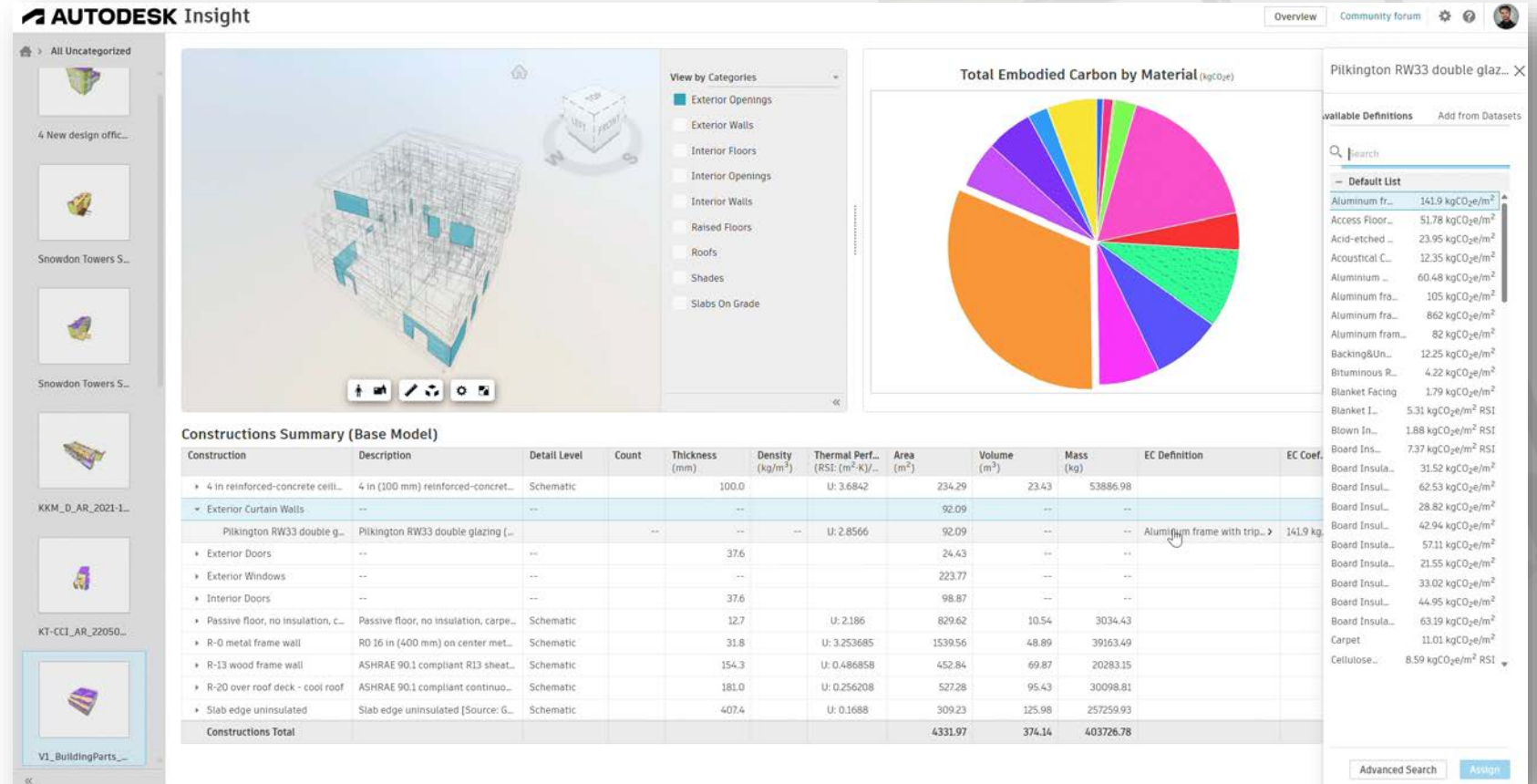
Carbon Insights: Flow

1 Import



2 Seada parameetrid

3 Heitmeid täpsustada



Carbon Insights: Tulemused

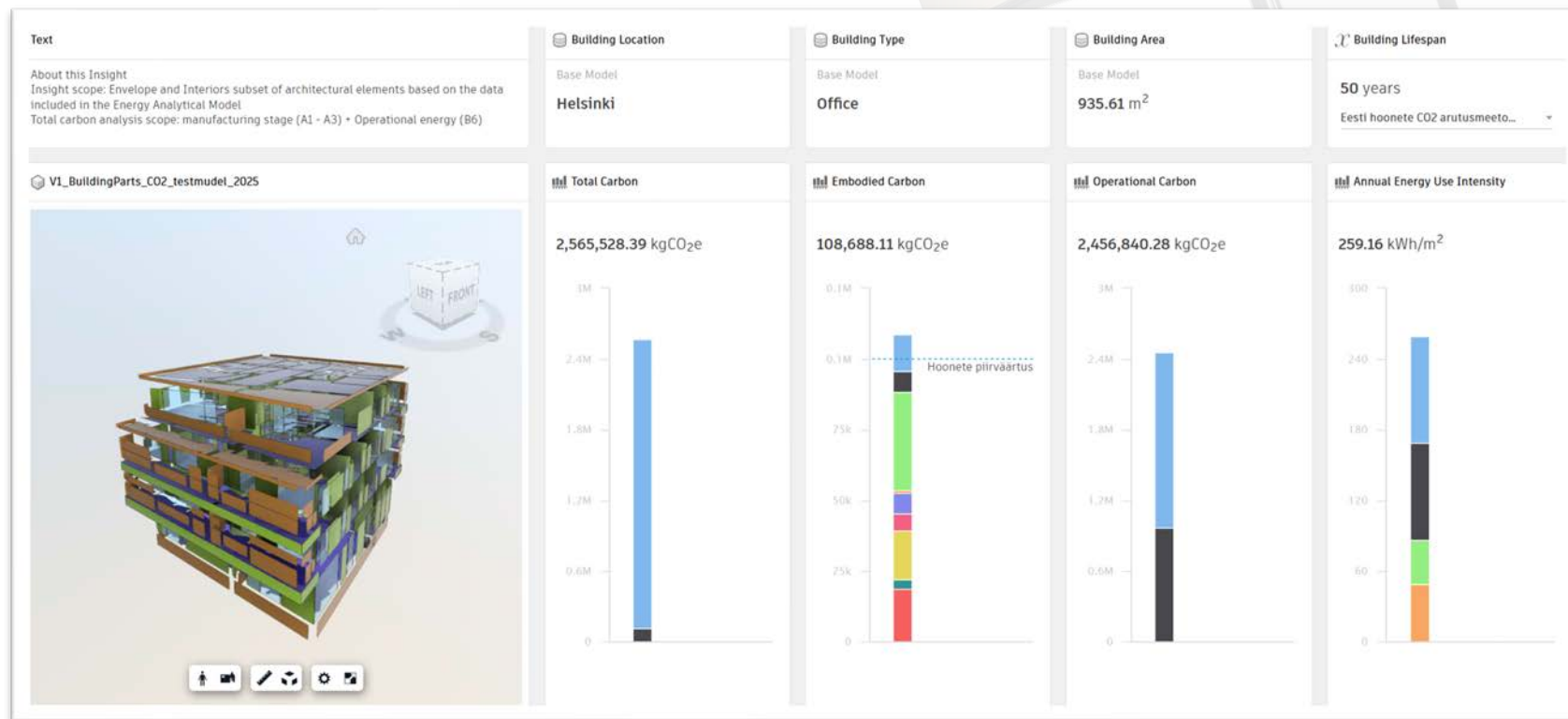
1 Import



2 Seada parameetrid

3 Heitmeid täpsustada

4 Tulemuseid võrrelda





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