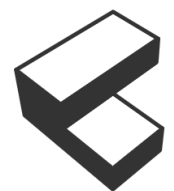




# Keskkonnahoidliku ehituse hankimine

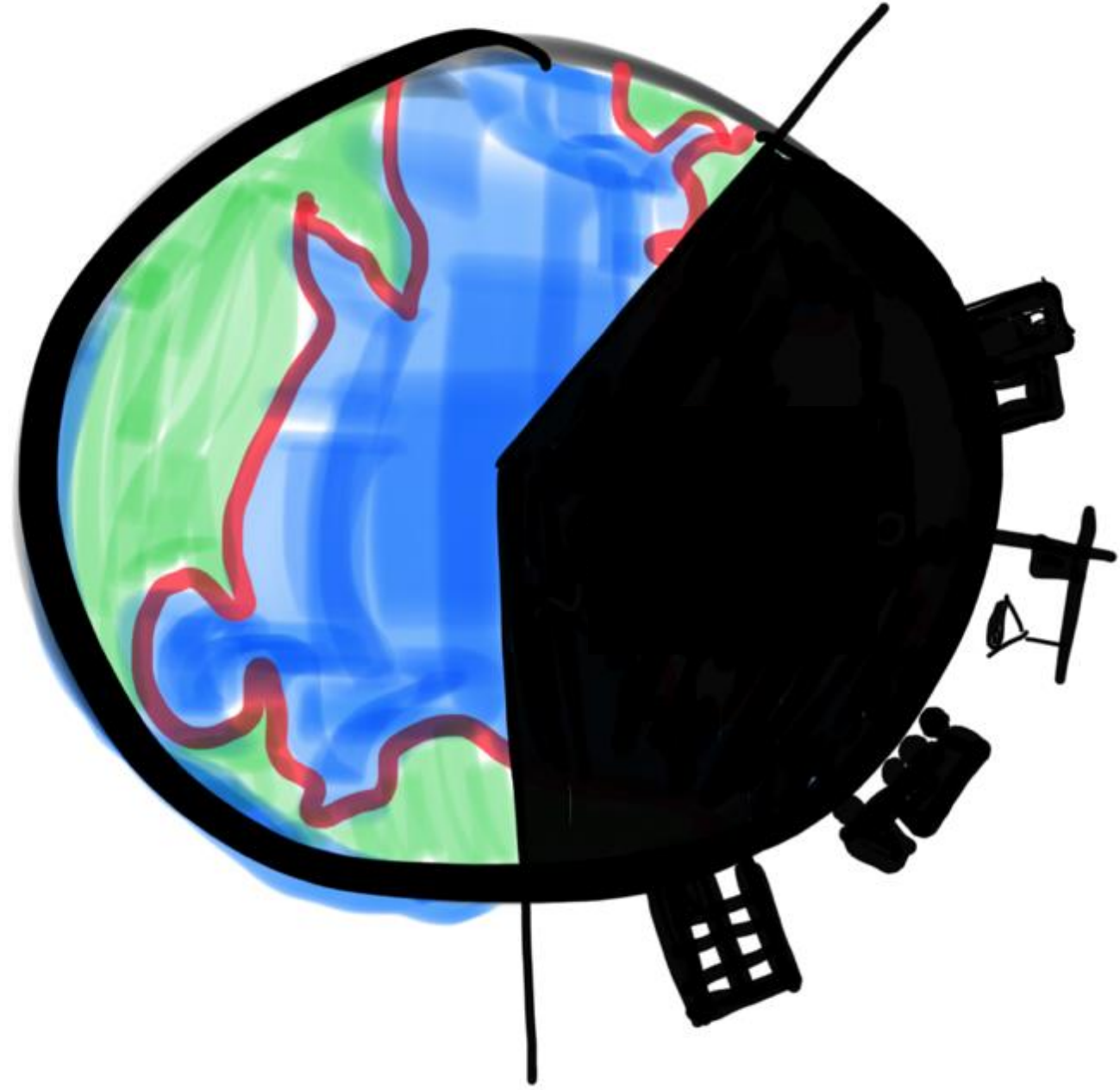


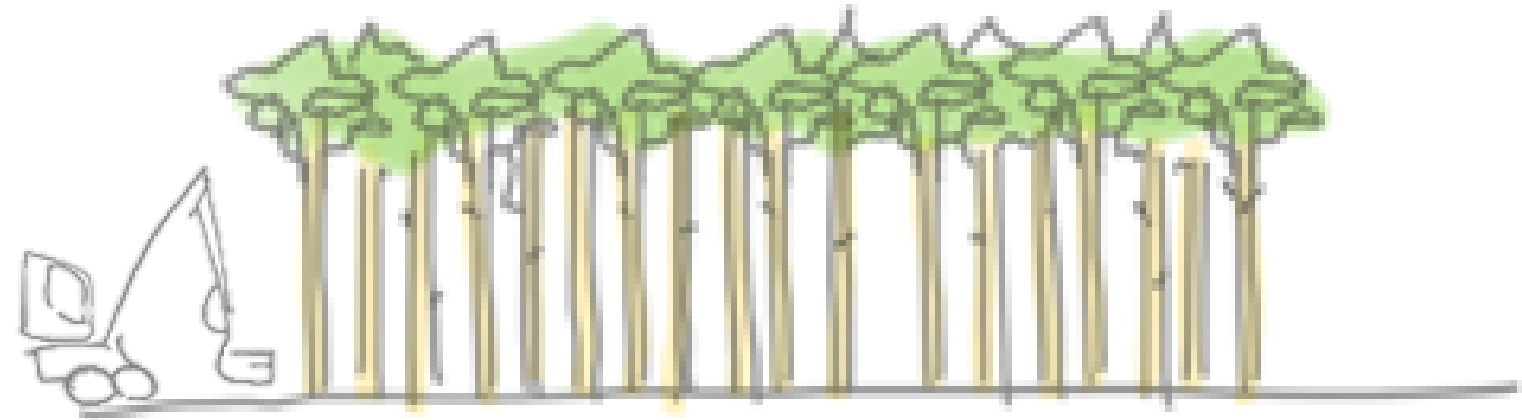
Renee Puusepp



**Creatomus**

**EKA  
PARK**



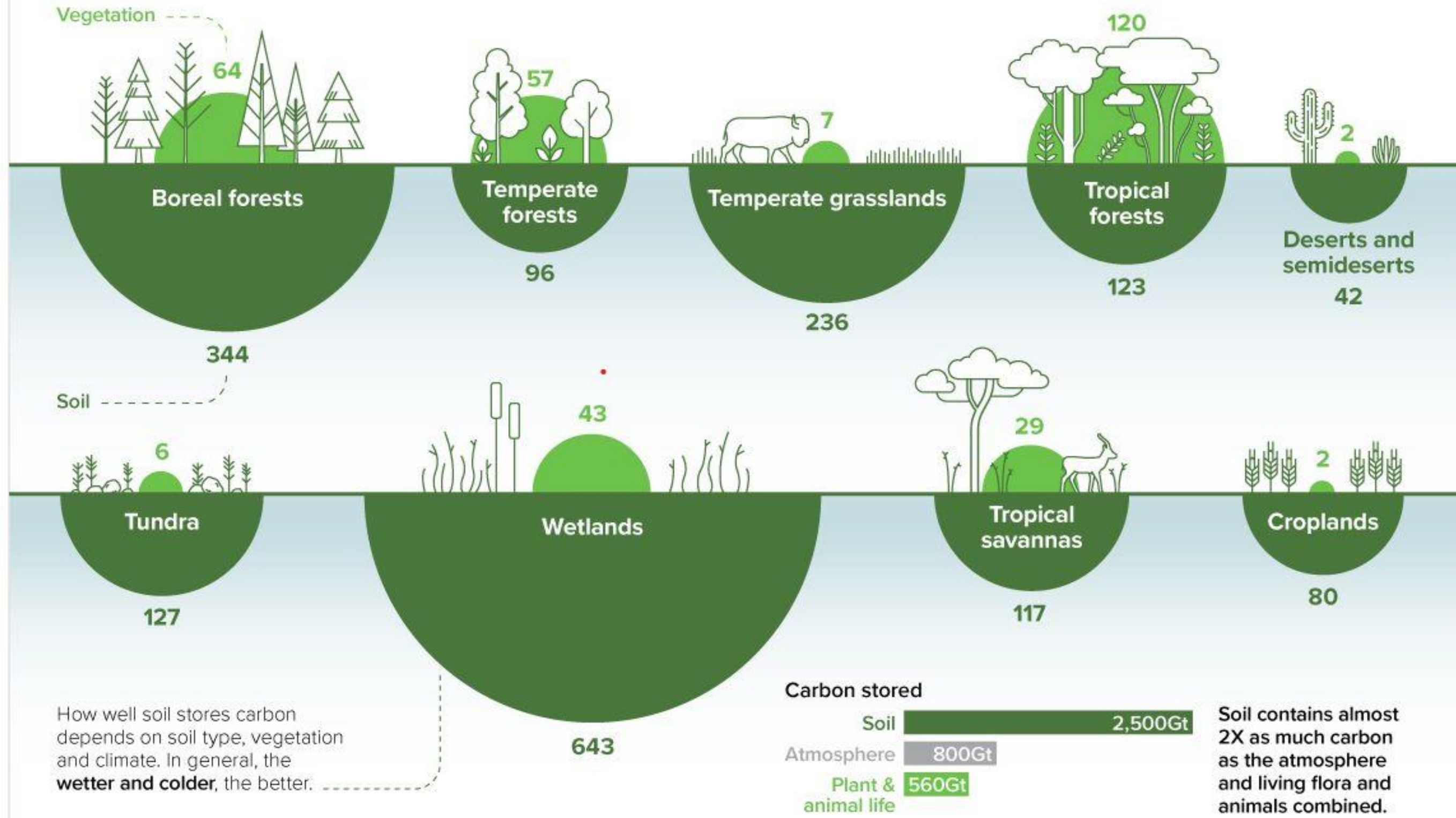


# Carbon Storage

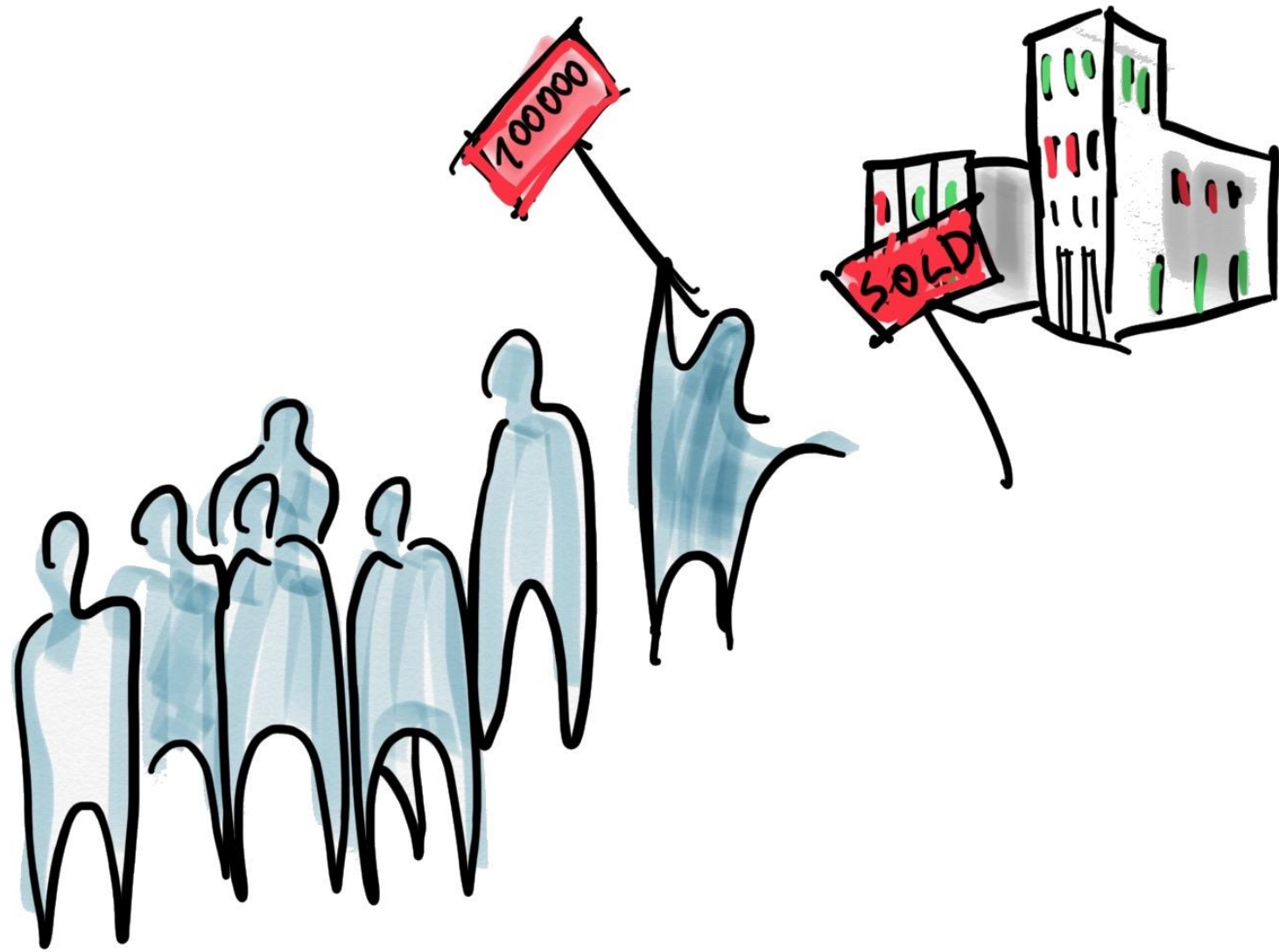
## Tonnes of Carbon per Hectare\*

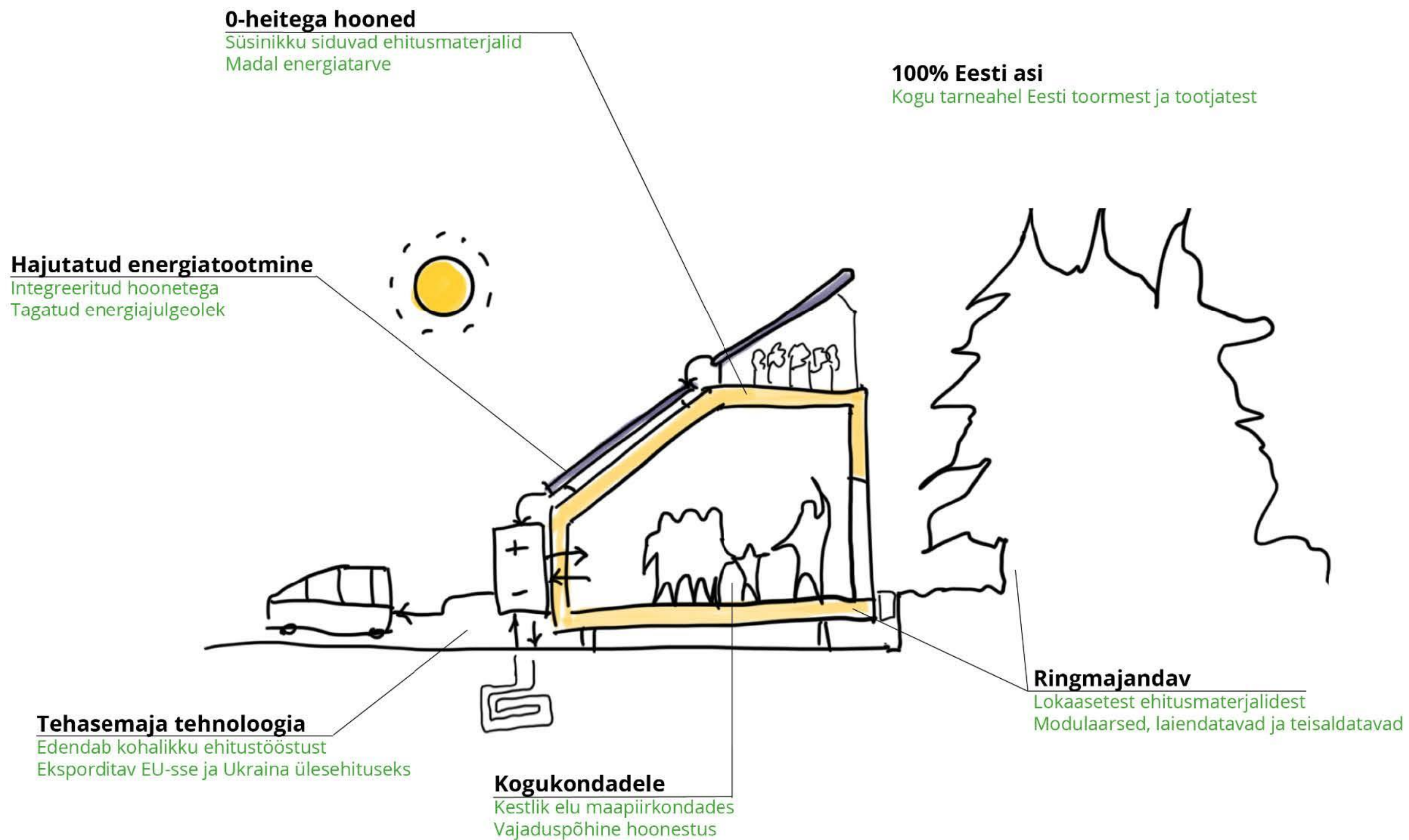
The world's forests absorb around **15.6 gigatonnes** of CO<sub>2</sub> each year. That's around 3X the annual CO<sub>2</sub> emissions of the United States.

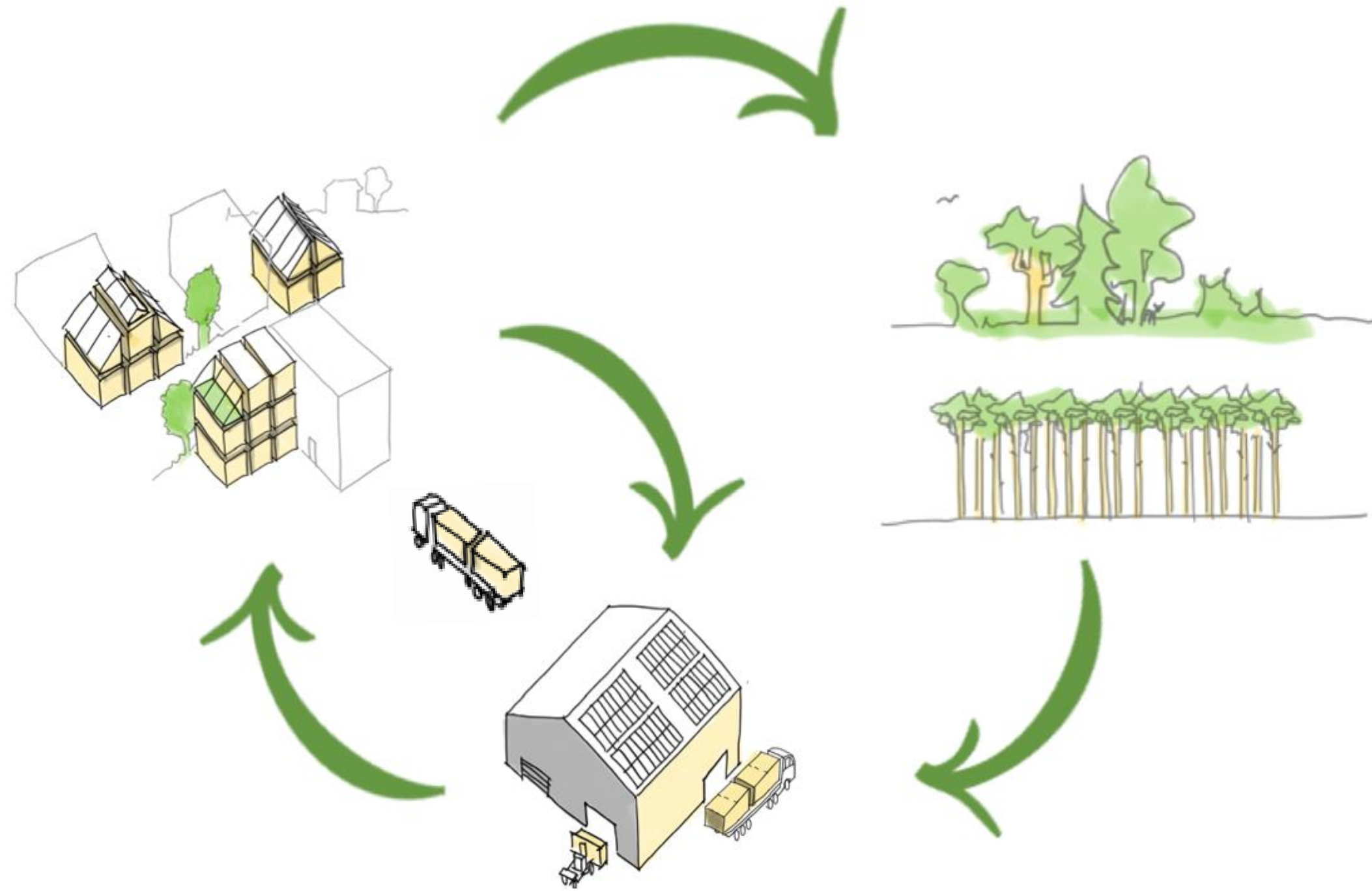
However, around **8.1 gigatonnes of CO<sub>2</sub>** leaks back into the atmosphere due to deforestation, fires and other disturbances.











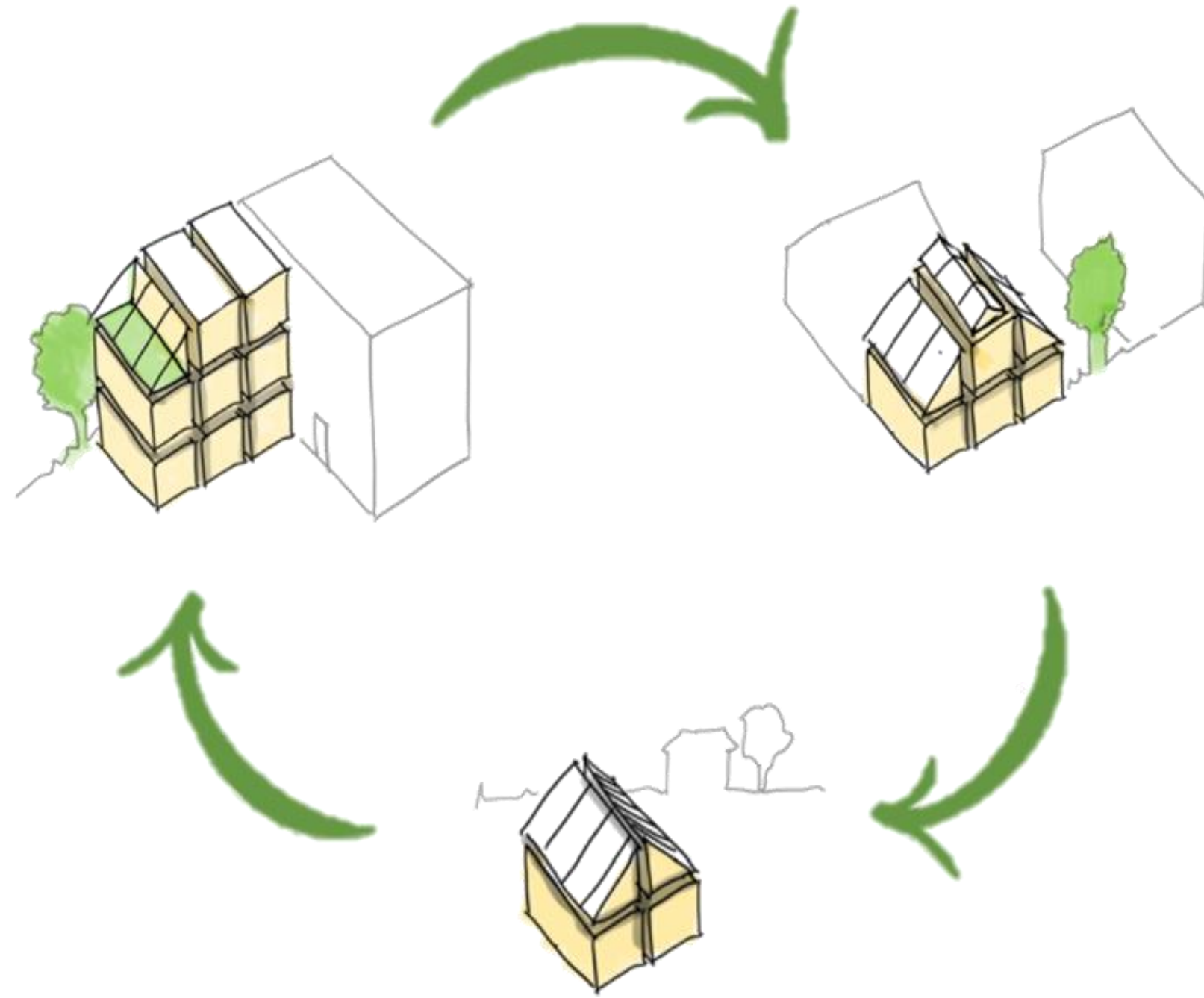
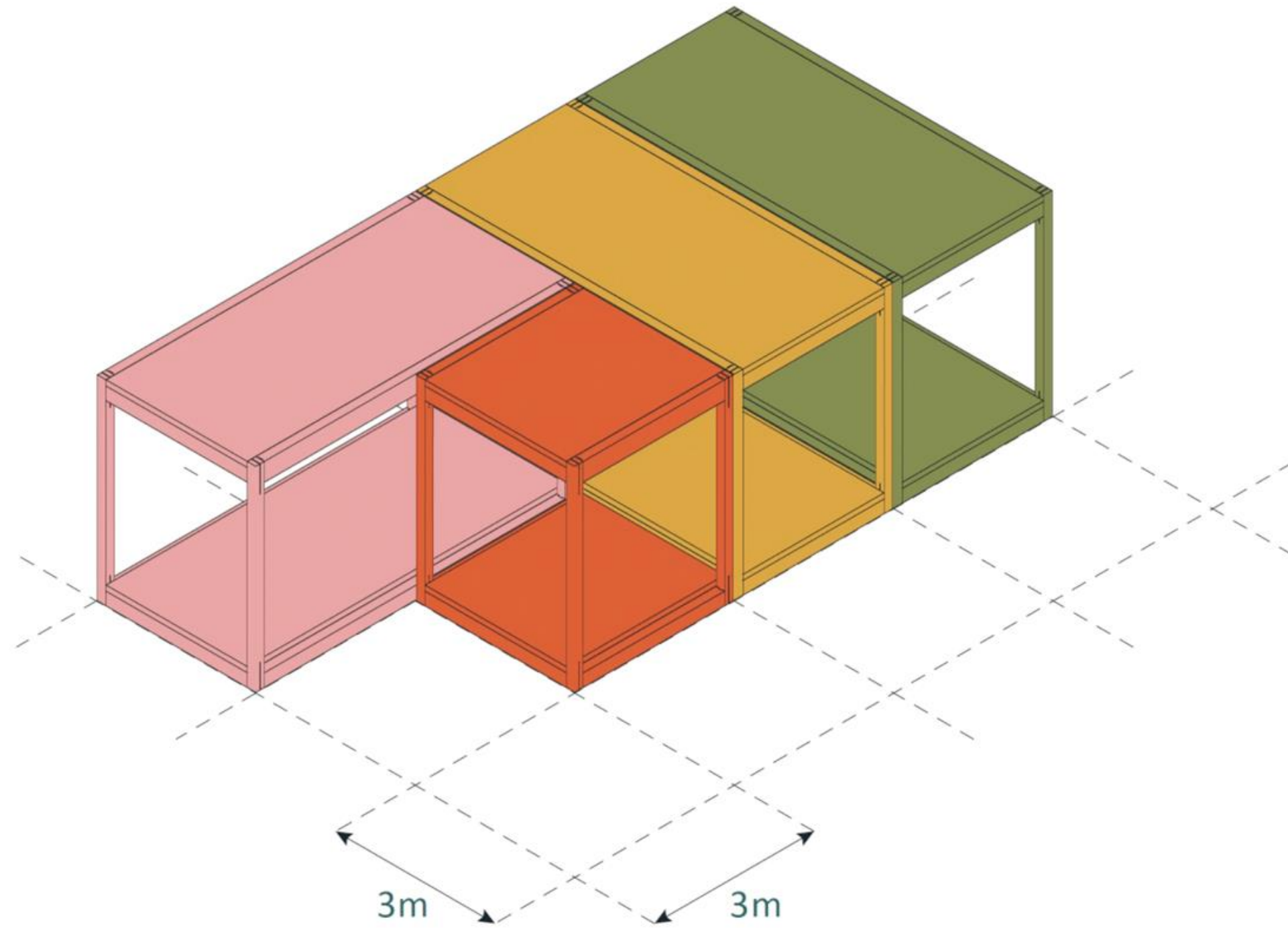




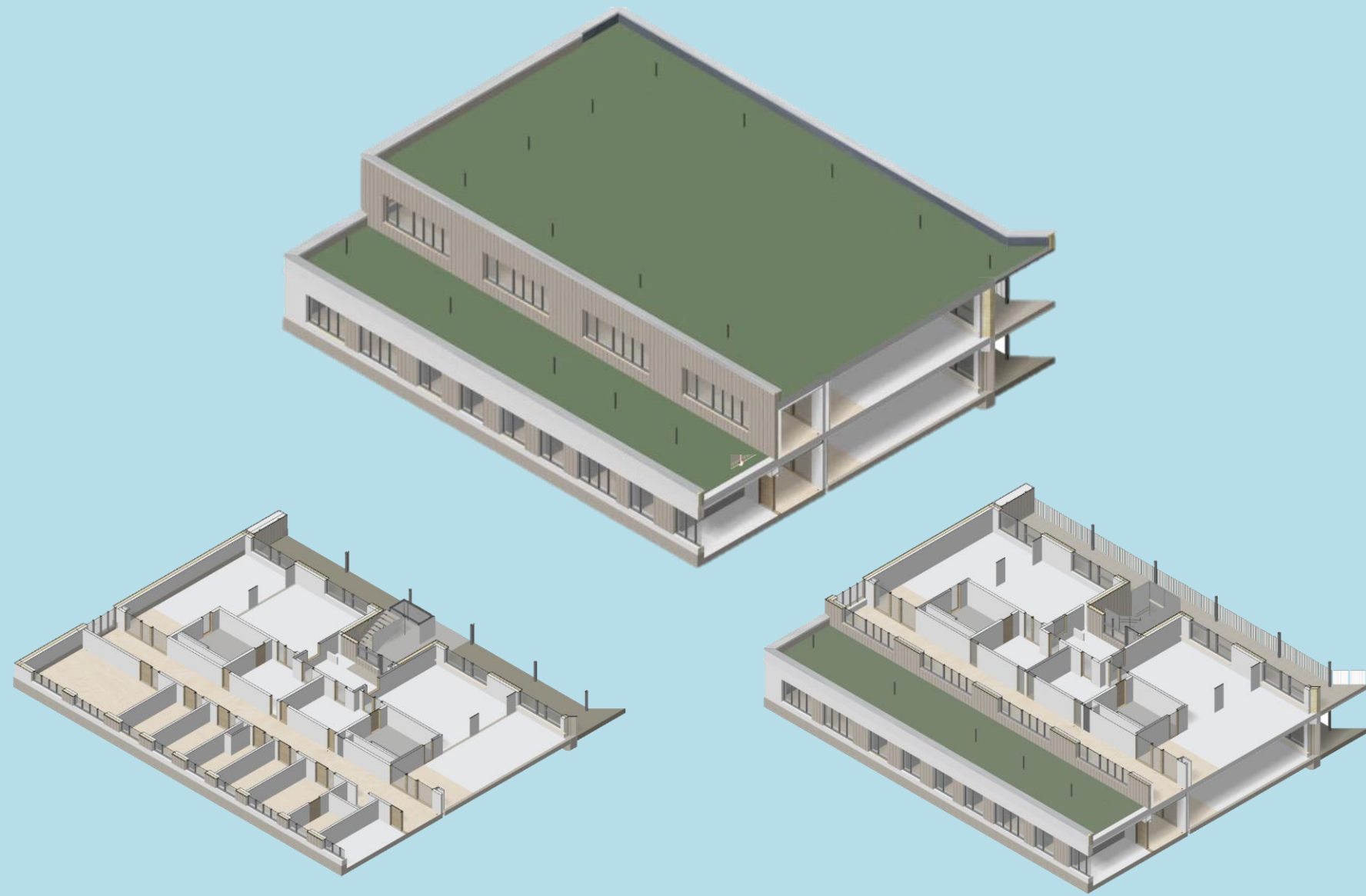


Image: Nomad Architects





# Rõõmupesa lasteaed



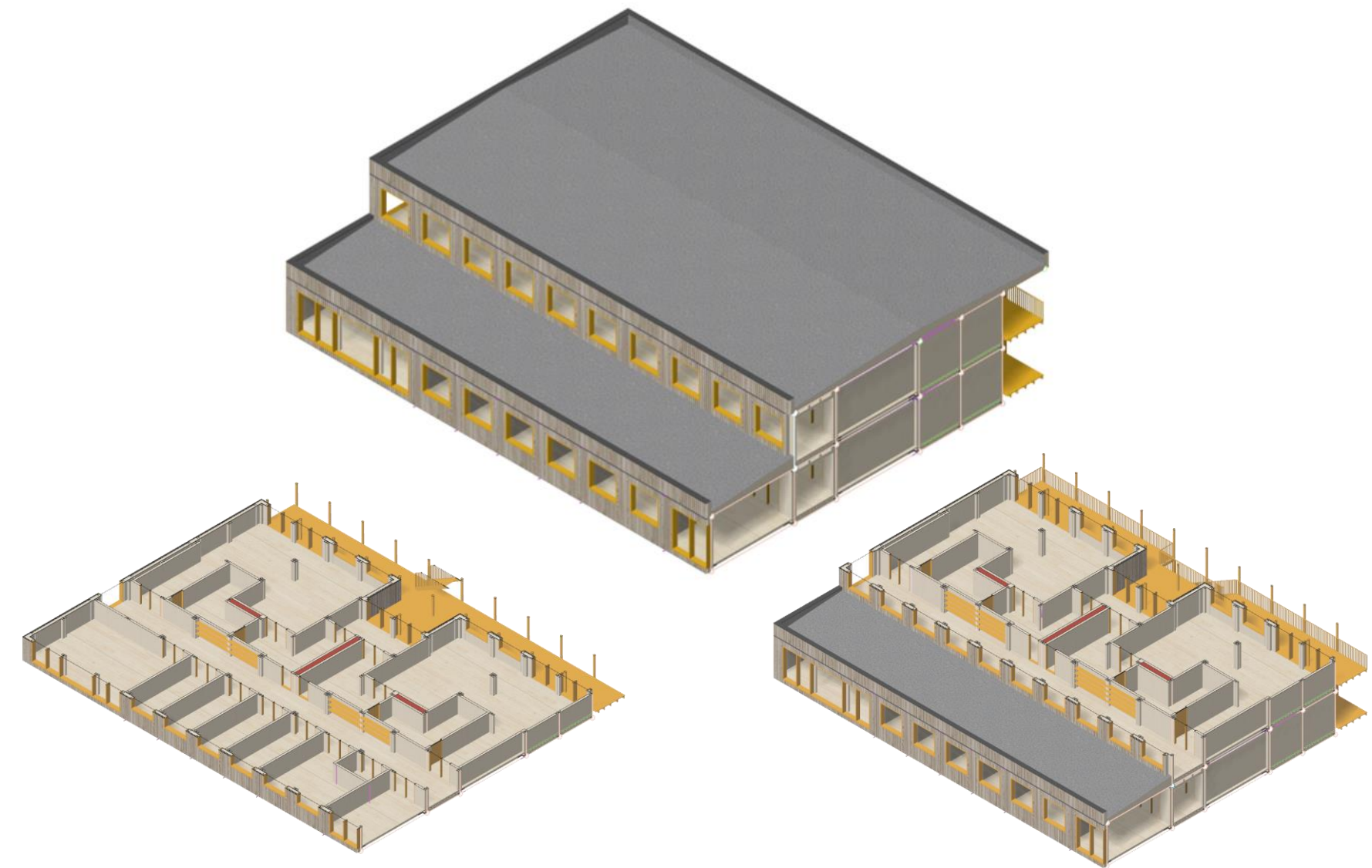
1. Korrus

2. Korrus

Kasulik pind: 1044m<sup>2</sup>

Piirete u-väärtused: vastavalt projektile

# Musterlasteaed



1. Korrus

2. Korrus

Kasulik pind: 1044m<sup>2</sup>

Piirete U-väärtused: võrdelised originaalile

# Seotud süsiniku märgis / Carbon heroes benchmark

Originaal

F

Cradle to grave (A1-A4, B4-B5, C1-C4)	kg CO <sub>2</sub> e/m <sup>2</sup>
(< 250) A	
(250-310) B	
(310-370) C	
(370-430) D	
(430-490) E	
(490-550) F	495
(> 550) G	

Mustermaja

A

Cradle to grave (A1-A4, B4-B5, C1-C4)	kg CO <sub>2</sub> e/m <sup>2</sup>
(< 250) A	223
(250-310) B	
(310-370) C	
(370-430) D	
(430-490) E	
(490-550) F	
(> 550) G	



# Hoone kehandi mass

Originaal



1 468 435 kg

Mustermaja



324 948 kg











**3 nädalat**

**TOOTMINE**





2 päeva

**KOOSTE**



8 kuud

**HANGE**



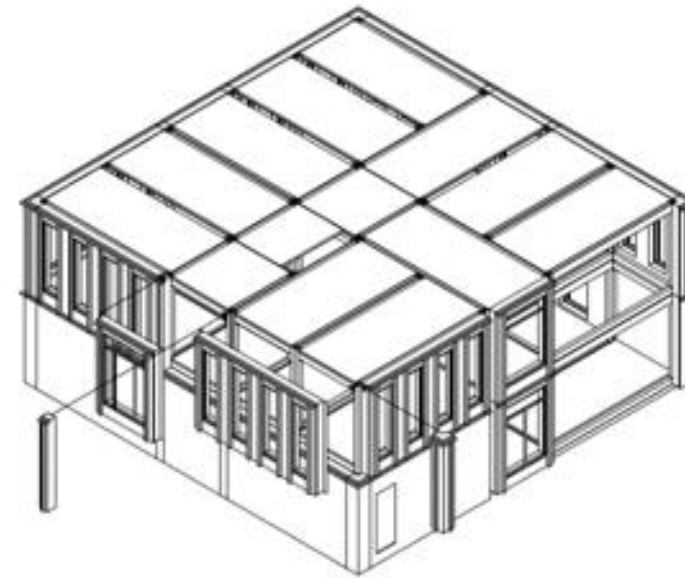
- Pakkujad tuleb kaasata vara
- Keskkonnahoidlikusest üritatakse mööda minna
- Ehitushinna asemel tuleks hinnata ehitise elukaare hinda



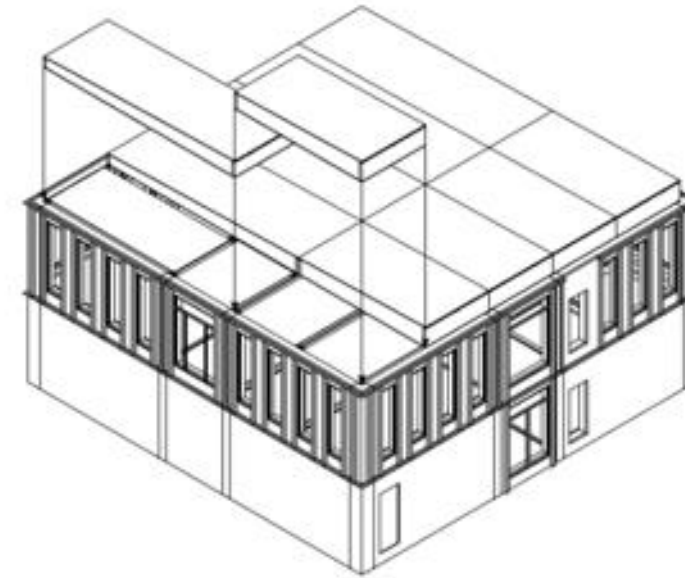
# ENNE:

# 10 kuud

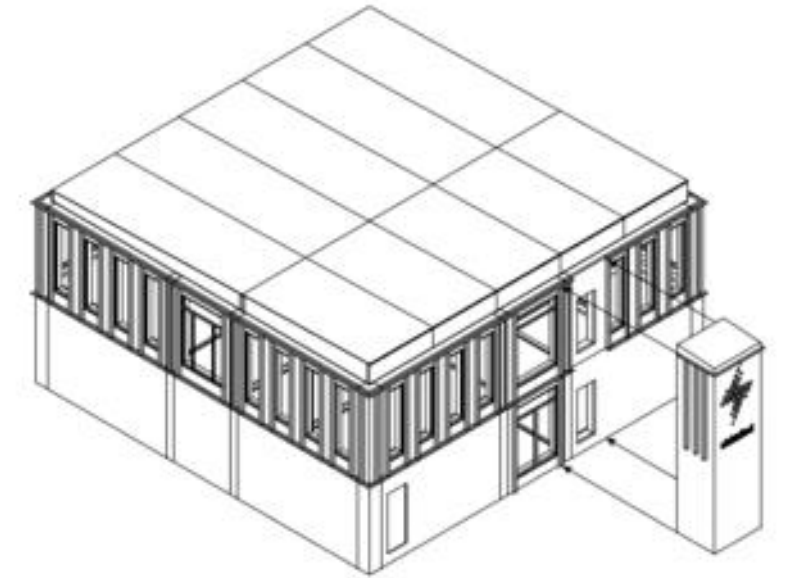
# PROJEKT



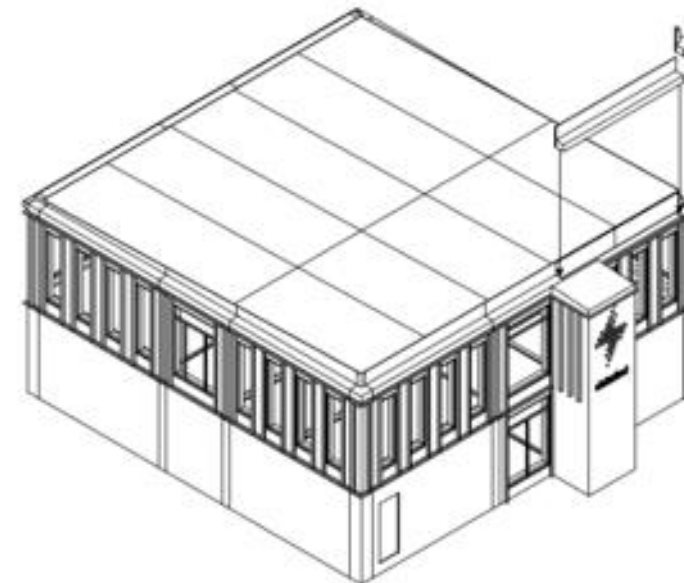
(1) placing of facade panels and facade joints (this can be done on site or in factory)



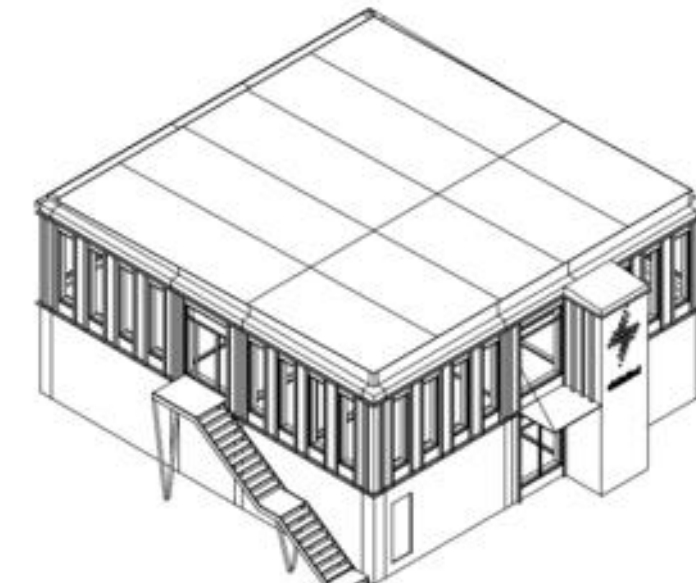
(2) placing of roof modules



(3) attaching elevator shaft



(4) join facades and roof modules with roof edging



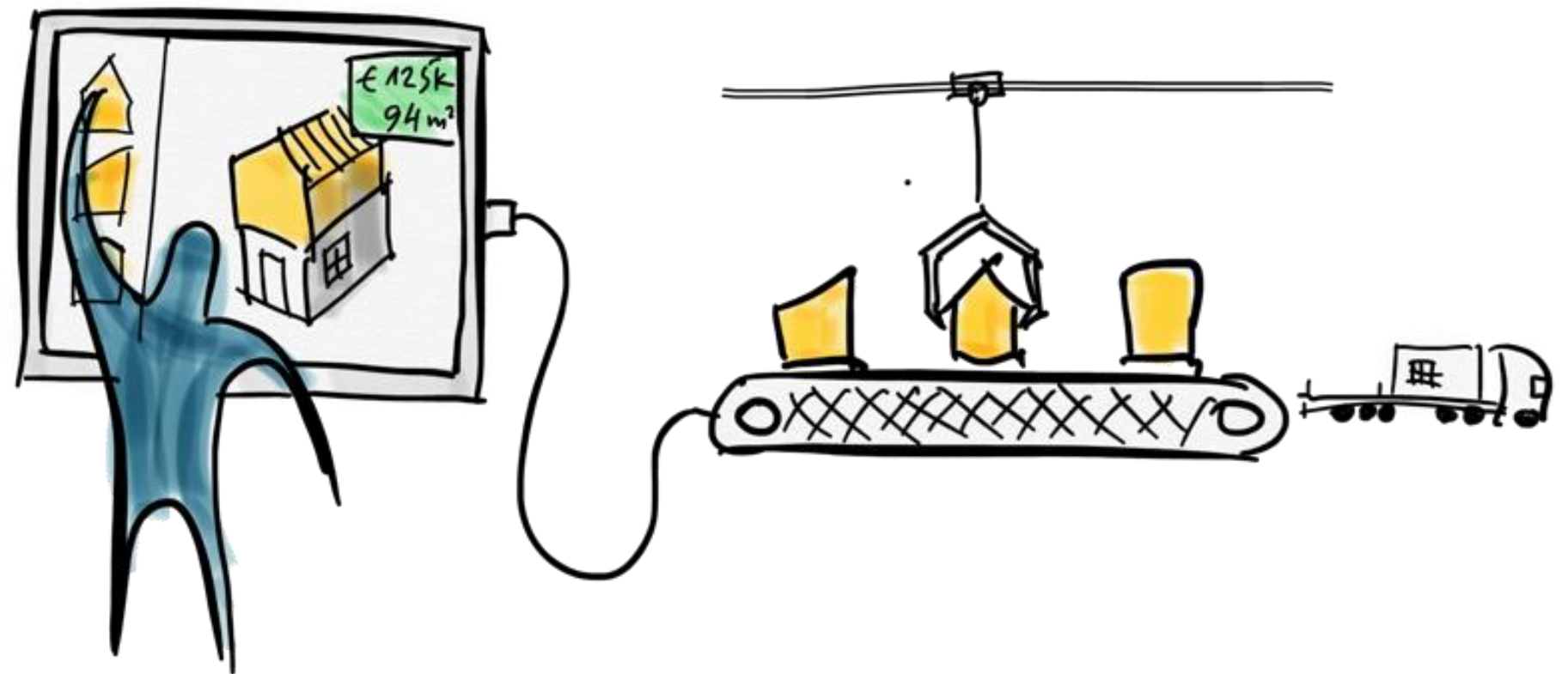
(5) attach elements as entry roof, emergency stair or bridges



**NÜÜD:**

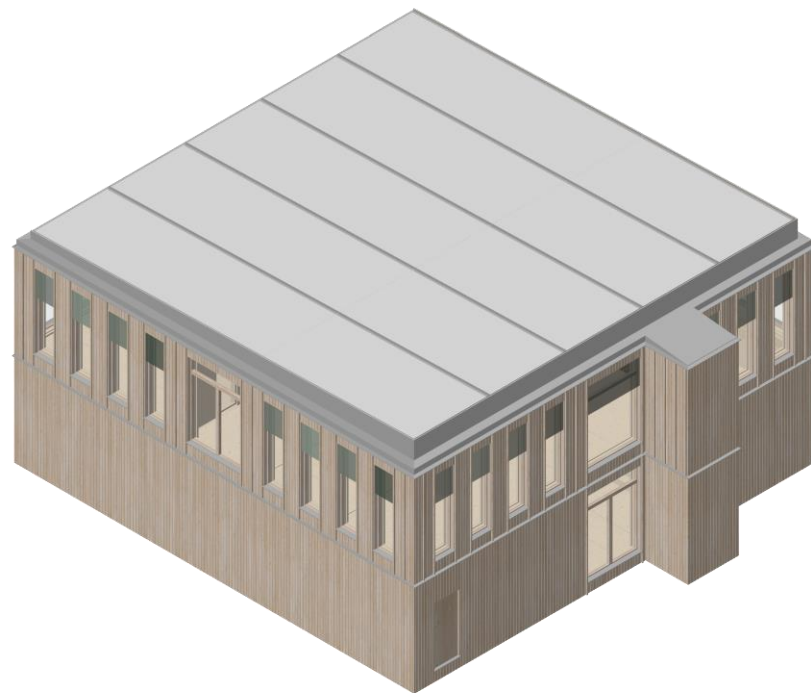
**2 nädalat**

**Eelarvestatud  
projekt**



**140,9 t CO<sub>2</sub>e**

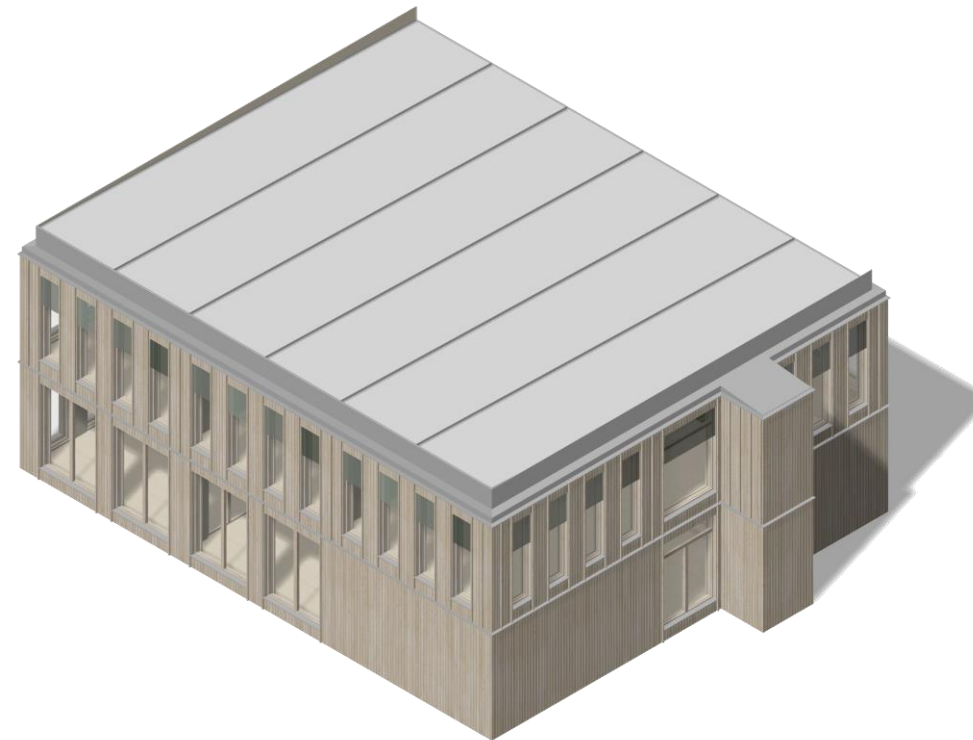
**203,7 t CO<sub>2</sub>e bio**  
Talletatud hoones



**V1**  
444.2m<sup>2</sup>

**161,6 t CO<sub>2</sub>e**

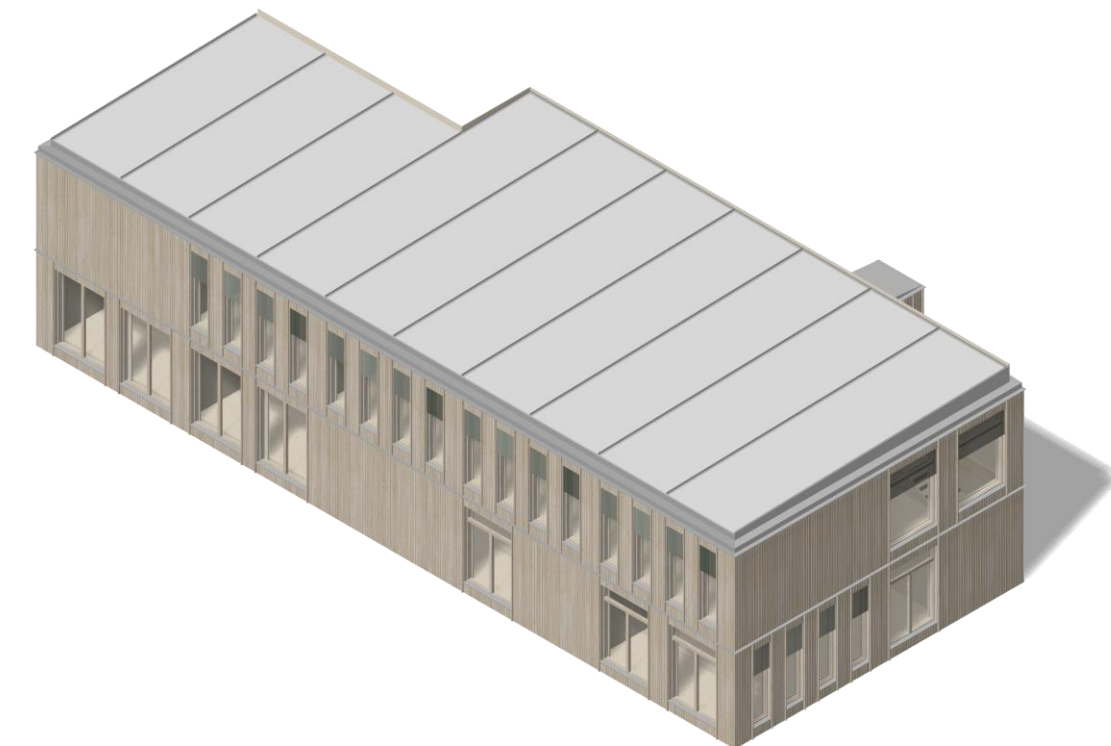
**237,8 t CO<sub>2</sub>e bio**  
Talletatud hoones



**V2**  
524.7 m<sup>2</sup>

**183,8 t CO<sub>2</sub>e**

**288,3 t CO<sub>2</sub>e bio**  
Talletatud hoones



**V3**  
640.5m<sup>2</sup>



**PROJEKT > HANGE > TOOTMINE > KOOSTE**

2 h - 6  
kuud  
~~10 kuud~~

7 - 30 päeva  
~~8 kuud~~

2 nädalat

2 päeva

**20 kuud > 1 - 7 kuud**





# Lasteaed Päikene

Sõle 39 eskiisprojekt

Inphysica technology  
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Jasmiini 61, Tallinn 11912  
office@inphysica.com

KUU  
Reg nr. 12070262  
Kopli tn 25a, Tallinn 10412  
info@kuu.ee

NOVARC GROUP AS  
Reg nr 10226774  
Mustamäe tee 46, Tallinn 10621







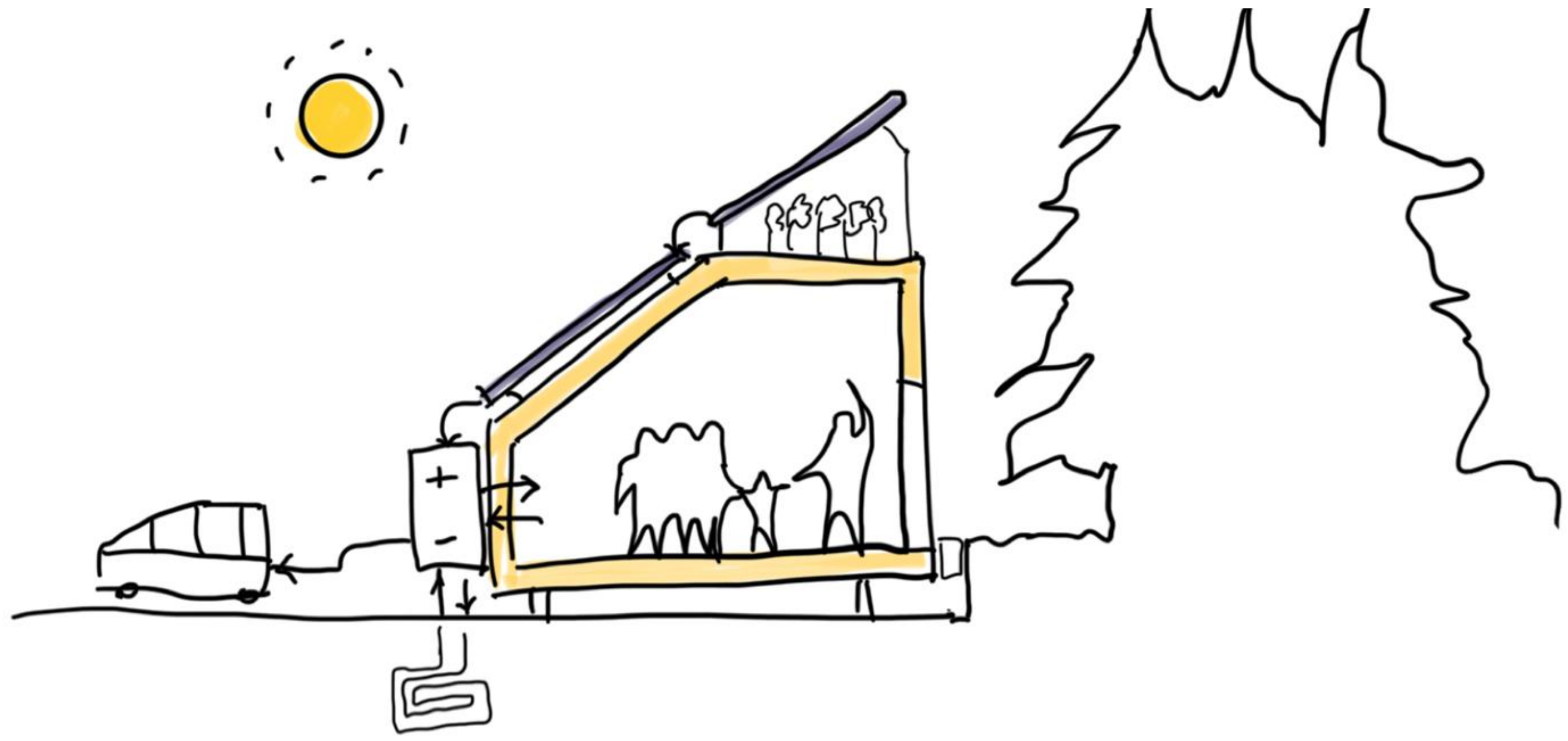


A detailed architectural rendering of a modern building complex. The main building features a dark, vertically-slatted upper section with a large, white, circular logo composed of interlocking hands. Below the logo, the word "PÄIKENE" is written in a clean, white, sans-serif font. The building has large glass windows and doors, some of which are illuminated from within. In the foreground, there is a paved courtyard with several wooden benches, a grassy area, and various plants and trees. A few people are shown walking and sitting in the courtyard, adding a sense of scale and life to the scene. The sky is overcast, and the overall atmosphere is serene and modern.

PÄIKENE



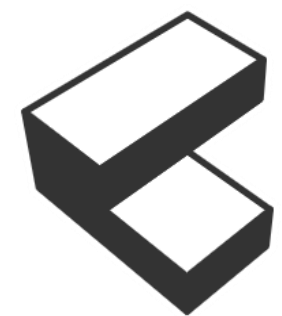






## **Avatud musterlahenduste eelised**

- Kiirem ja valutum hanke ja ehitusprotsess
- Kvaliteetsem tulemus
- Tõestatud madal süsiniku jalajälg
- Parem hoone elukaare hind
- Parem ehitushind?



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PAKK**

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