

Questions and discussion points for workshop 2-3

1) Issues and wishes for visualization

Sub-themes	Issues and wishes	Detailing for workshop 2-3
Scale	Sense of scale is still an issue.	1. Is floor lines not enough in which way? 2. would adding a human scale model or other objects help?
Information	Building functions need to be indicated. More maps with different data. Create one's own map layer, ex) heatmaps with important information, roads, entrances, meeting places	1. Does the function changing the color of the building work for this? 2. How would you indicated building functions? 3. Entrances need to be indicated. Entrances and windows? 4. What is meant with meeting places?
Detailing	Better graphics are needed for walk-through. Different textures for the buildings including transparency. Same color building volumes make a wall-like effect viewed from long distance.	1. The graphic quality depends on the 3D materials we can acquire for the project. What would be the minimum quality? 2. Which textures would be good to include? Concrete, bricks, glass, any other? Should the users could upload textures to be used? 3. Is transparency and reflection important?
Orientating and locating	Drop anchor points to go back to or send people to a specific location. Eye-level remains on the original terrain level when walking on lowered ground level using terräng tool	

2) Issues and wishes for Modelling

Sub-themes	Issues and wishes	
Methods	Roads are drawn on top of vegetation Drawing polygon and extruding Scaling the heights by inputting the values should scale down from the top of the buildings. More forms and shapes are needed	1. If polygon can be drawn and extruded for modelling, what would be good to have? Dimension, angles?
Functionalities	Copy and paste Go back	1. Any other basic functions?
User interface	Text should be zoomed in and out.	

3) Issues and wishes Remote simultaneous collaboration

Sub-themes	Issues and wishes	
Remote communication	Click to gather other participants to one's own view.	1. how much detail is needed for avatars look? Just colors??

	<p>Avatars should look different. Turning off a specific folder view with building volumes should be shared with other users so that one can hide some of the building volumes for everyone.</p> <p>Laser points to show where one person is pointing at</p> <p>Sessions should be recorded</p>	2. Synchronizing the view for everyone?
Compatibility with other platforms	<p>Importing PNG is problematic Importing sketch-up model is also problematic Roads need to be imported more easily</p>	1. Which formats should be imported ?
Isolation and synchronising	<p>Locking and unlocking volumes for all to prevent accidental removal of buildings.</p> <p>A visitor account to limit number of people who can participate actively for higher quality of discussion</p>	

4) Issues and wishes for Simulation

Sub-themes	Issues and wishes	
Design consequences	Simulative information related to sustainability, energy use, density	1. Can we create a specific list or useful simulations?
Preset scenarios	Calculating number of offices, apartment per building with pre-programmed values	1. Can we create a specific list?

Discussion points:

1. Repetition from first series of workshops:

- a. Scale: What can be changed? Suggestions? A human model? A Car??
- b. Level of graphical detail: How much more detailed for the platform to work?
- c. Taking others to an anchored point: Is saving a specific place as anchor enough?
Synchronizing the view?

2. Details need to be specified:

- a. Can we make a list of simulations that would be important to implement?

Energy Use
Density

- b. Can we create a list of type of area calculation?

Offices
Apartments
Rooms
Built area
All the combined floor areas
Communication areas in proportion?

c. Need of different building textures. Can we create a list?

Bricks

Glass

Concrete

Wood

d. Entrances and meeting places should be indicated. Can we make a list of other essential elements?

e. Functionalities such as copy + paste, going back one step has been mentioned. Could we create a list of other essential functions?

f. List of file formats that should be imported?

3D model: Sketchup

Maps + Background images: PNG

g. Level of access: List of accessibility

Full access

Just viewing

3. Need to be able to differentiate

a. Avatars how much detail?

b. Building functions: How? By colors? Or textures?

4. Synchronizing the view for:

a. Folders turning on and off

5. Additional points