Scenario analysis for planning sustainable cities in a mutlistakeholder decision-making environment

Tygron Geodesic Platform
Session 3
Hosting a session and interpreting the results

Today's schedule

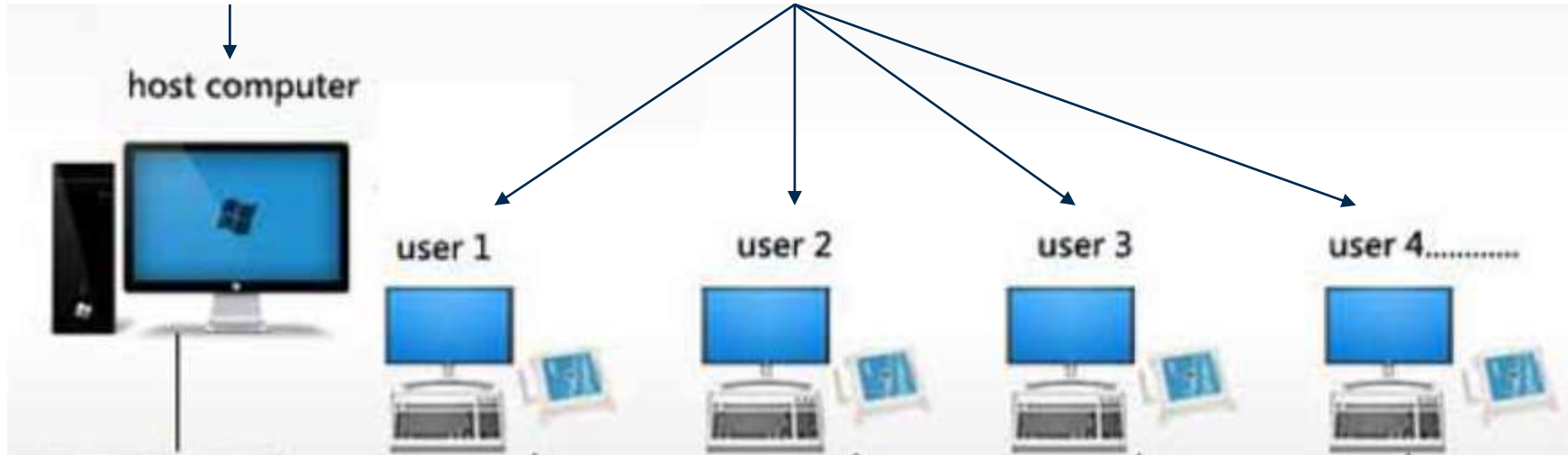9:00 – 9:30: Lesson on how to host a session and interpret results

9:30 – 11:15: Play Paris game or Climate game

11:15-12:30: Finalize your set up

How to host a session?

One team member

Other team members

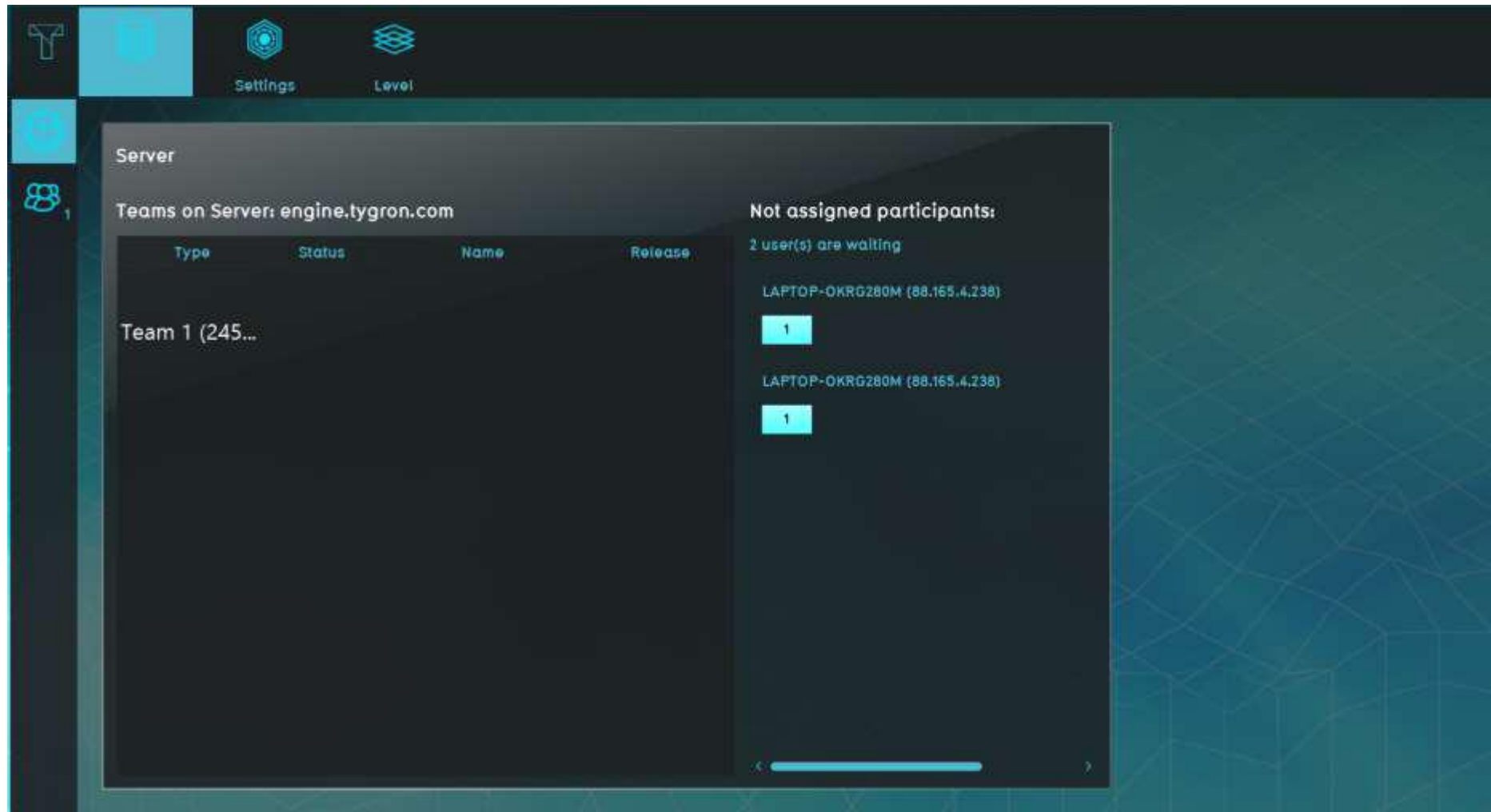SAME DOMAIN

Source: mega-obzor.ru

How to host a session?

TASK 1: Create a multi-user session [host computer]

Multi-user -> Start a new session -> Click on the project you want to play
(Projet2noémie, Climate game 5.2, Paris Team X)

Other team members LOGIN on Tygron platform

How to host a session?

Window of the host computer

How to host a session?

TASK 2: JOIN THE SESSION [host computer and/or other team members]

2 ways to join the game:

1) Through the host computer
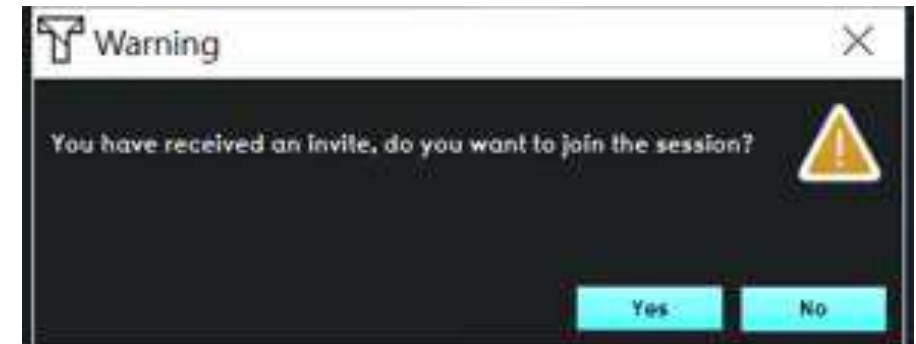2) Through other team members computers

How to host a session?

1) Through the host computer

Assign the computers that appear on the left panel (click on the 1 button)
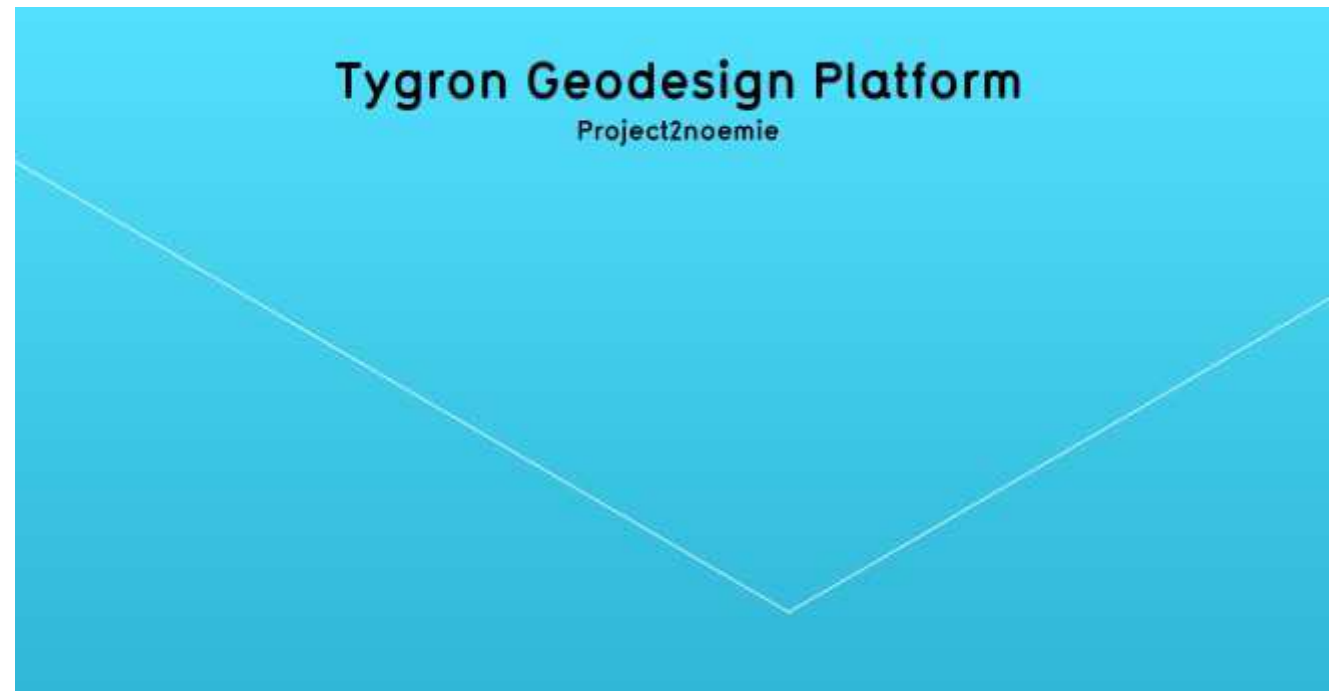The other team members will receive an invite

Host computer assignment

Other participants windows on
Tygron platform

How to host a session?

2) Through the join menu of other computers

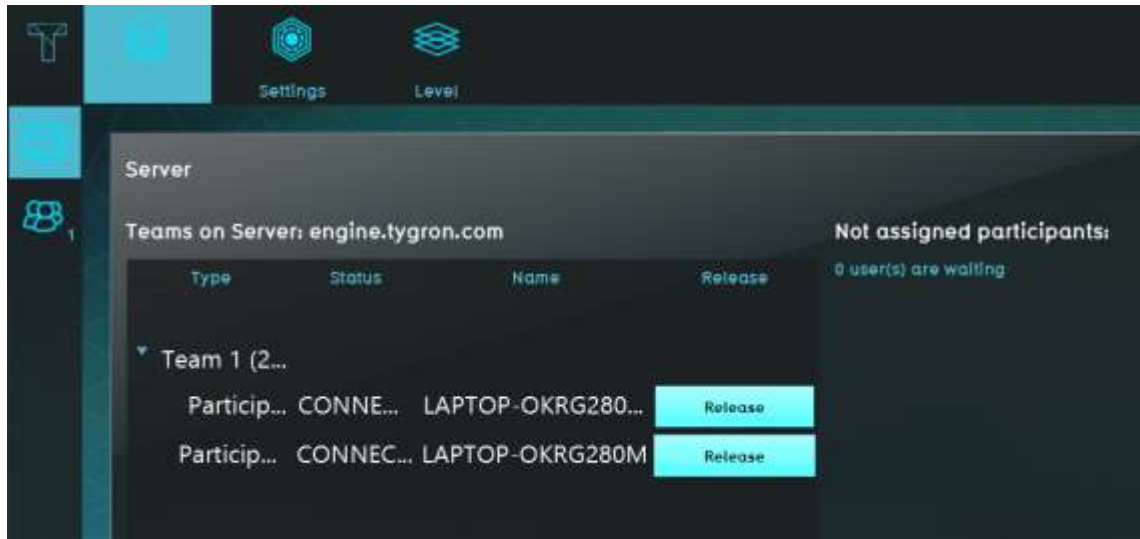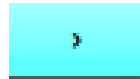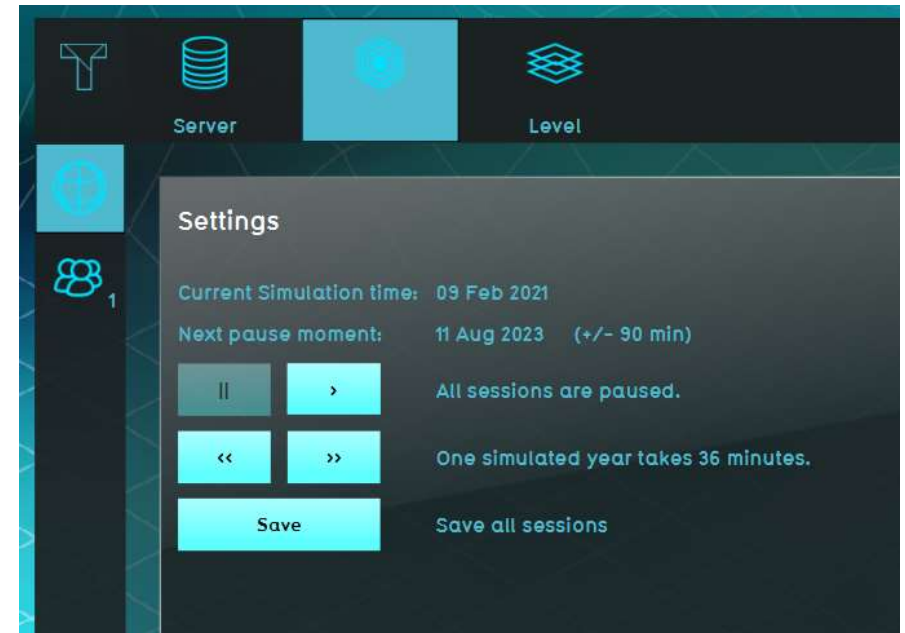Join -> Click on the multiuser session

How to host a session?

Settings -> Press play

All participants have been assigned to the session

Start the game by pressing PLAY button
(All sessions are paused -> all sessions are running)

How to host a session?

: PLAY THE GAME

Click on Continue

Usually, the host computer controls the game and others play it.
But, the host computer can also play the game by using two Tygron windows in the same time (one window to host the game and after another one window to join the game).

How to host a session?

TASK 4: PLAY THE GAME (All players)

Click on Continue (after reading the explanation) and give a name to the session **(Session1-Team X)**

How to host a session?

: PLAY THE GAME (All players)

Choose your stakeholder
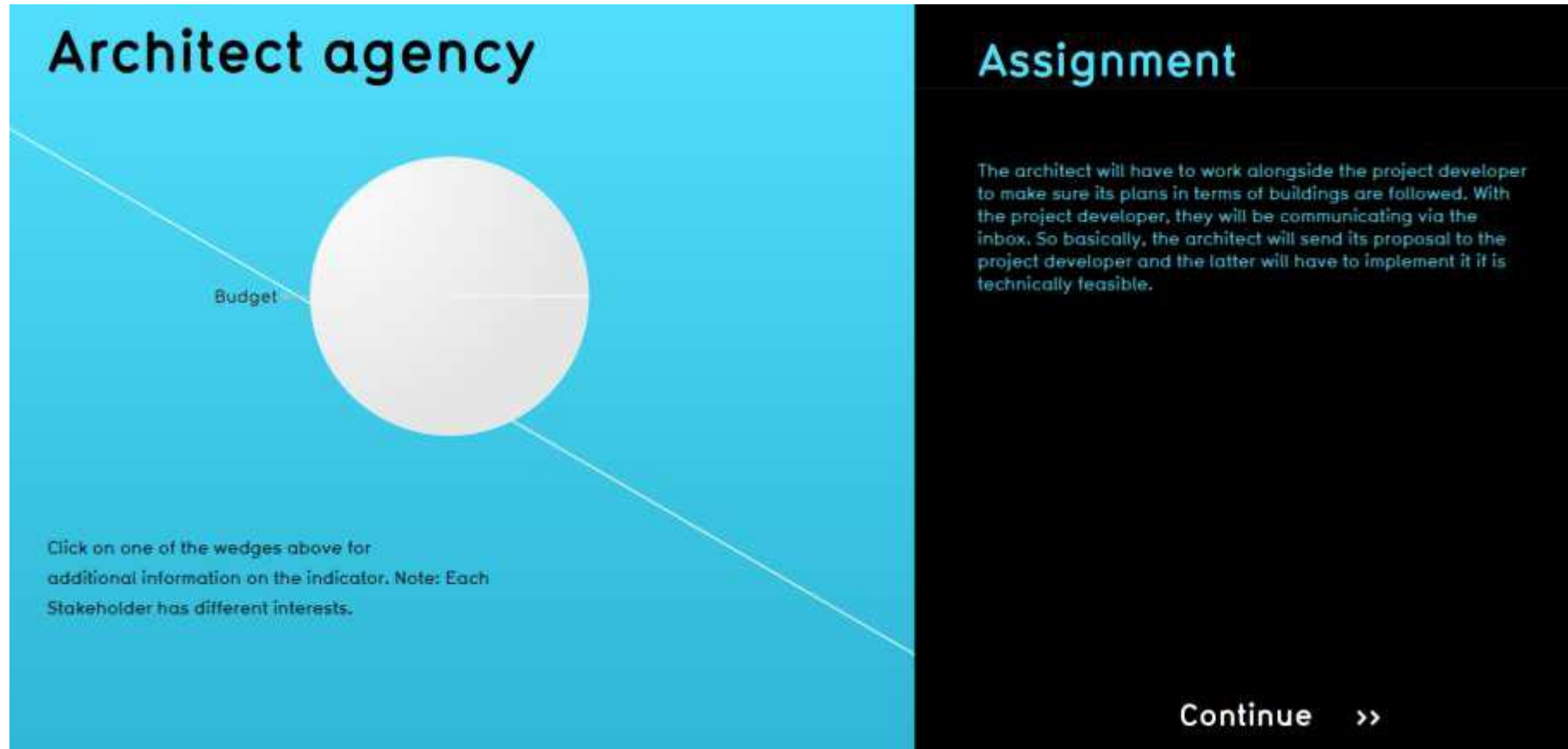
How to host a session?

TASK 4: PLAY THE GAME (All players)

Be aware of your assignment and click on Continue

How to host a session?

TASK 4: PLAY THE GAME (All players)
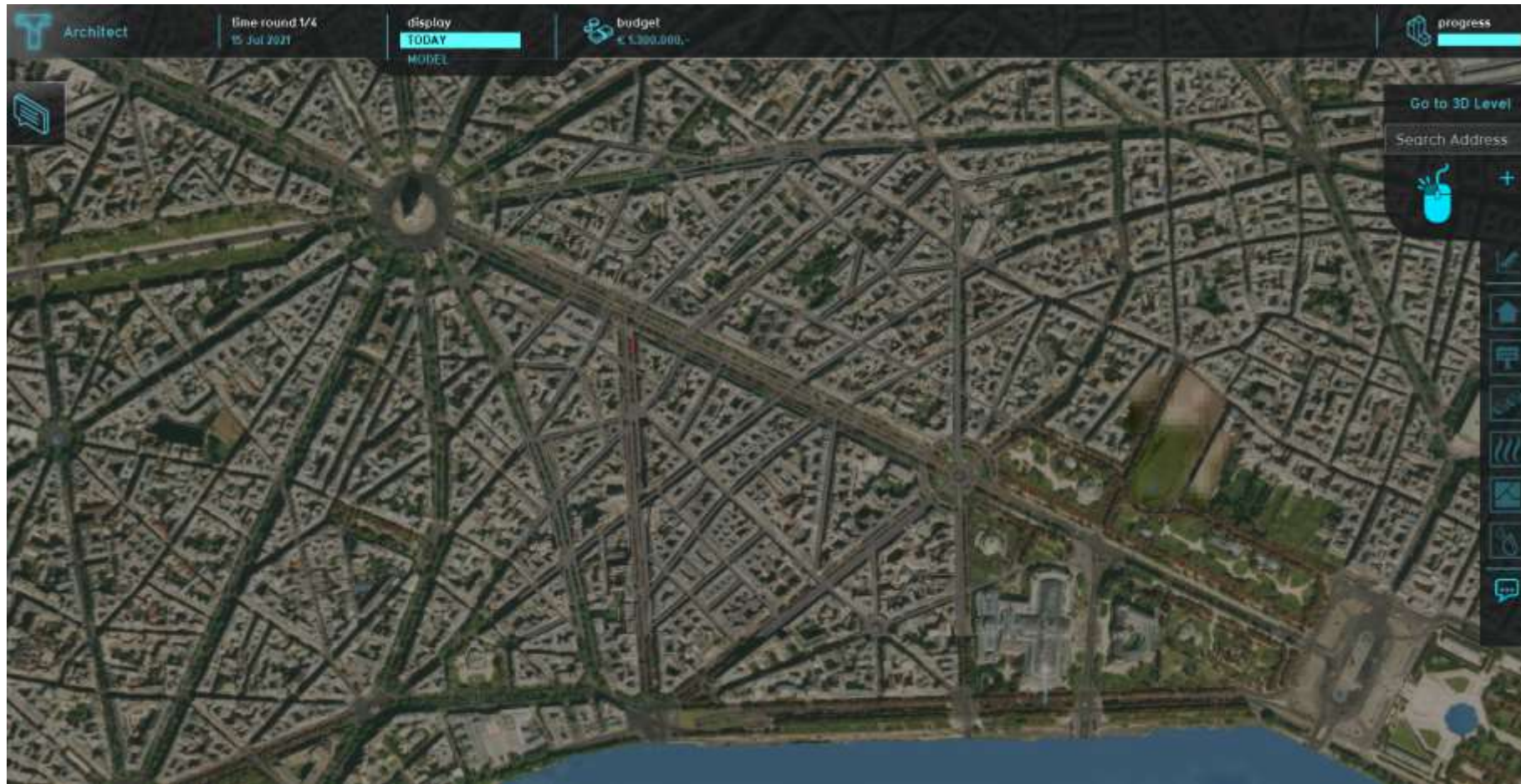
Through the icon inbox the architect can start sending messages to the project developer

Understand the game
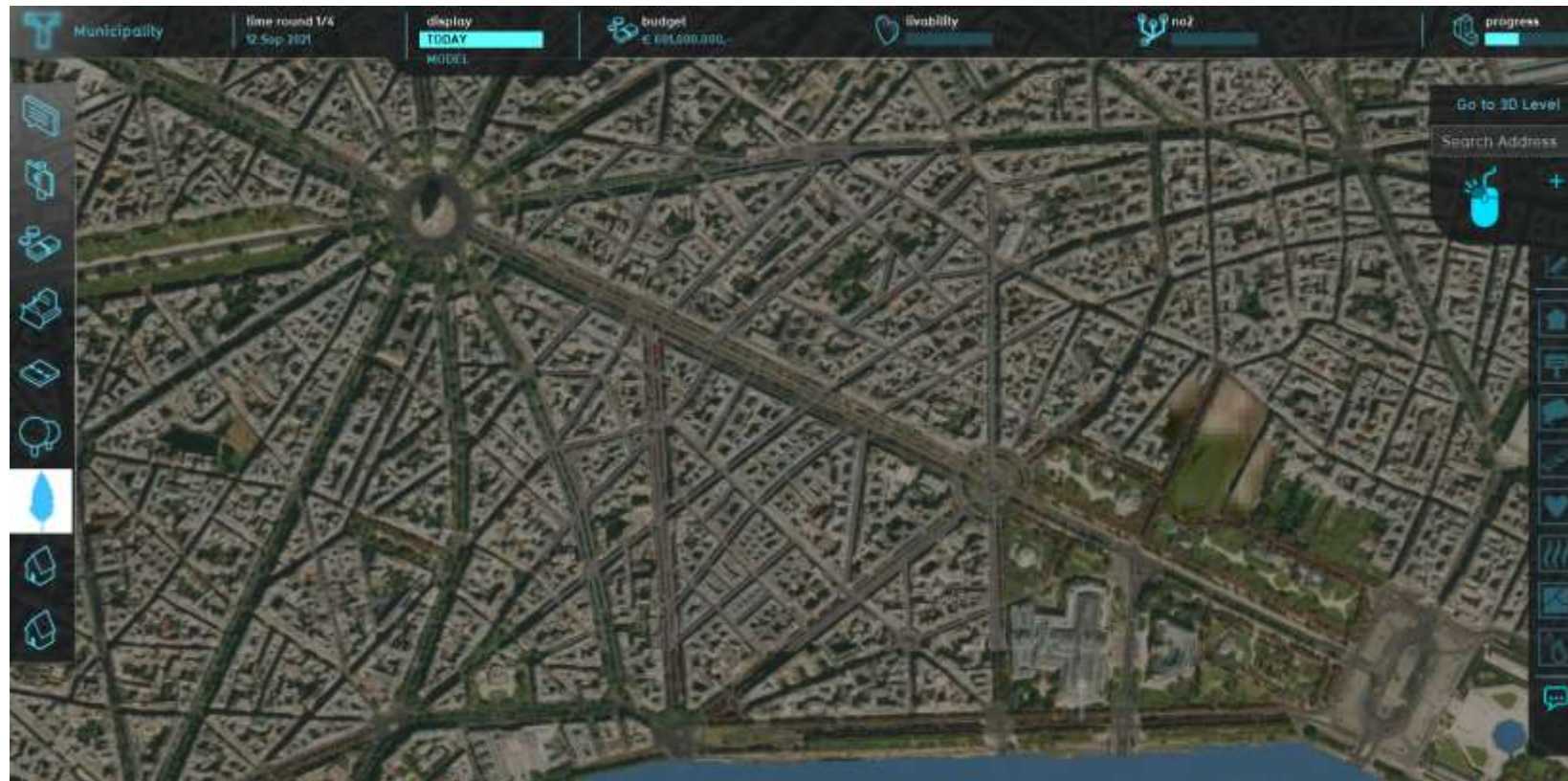
Each stakeholder has to take actions that can increase their general score es=indicators).

Here, the municipality has 3 sub-scores (budget, livability and N02), the goal is to keep a positive budget, increase the livability score and keep N02 score as low as possible.

The general score is already high because the budget is very high and N02 indicator low. Therefore, the municipality will have to pay attention to its livability and budget sub-scores.

Click on the sub-scores and general score icons to have an idea on how to achieve your score.

Understand the game

Example: the municipality wants to replace some roads by bicycle lanes
1) Demolish option
Select the road you want to destroy (you can see the cost, the surface) and click on demolish
You can see the impact of such action on your sub-scores: here it only increases by 0,1% your livability indicator, so it is great even if it is a small increase.
2) Confirm your action
3) Close the window and click on the arrows

The host computer window

Various controls of the game:

1) See each stakeholder score and export the results
2) See each stakeholder window in real time
3) Send a personal message to one stakeholder ("Hurry up!", "Pay attention to your budget", etc)
4) Send a subsidy

The host computer window

See each stakeholder score
Import the results by selecting "Export Action History" (excel file)

The host computer window
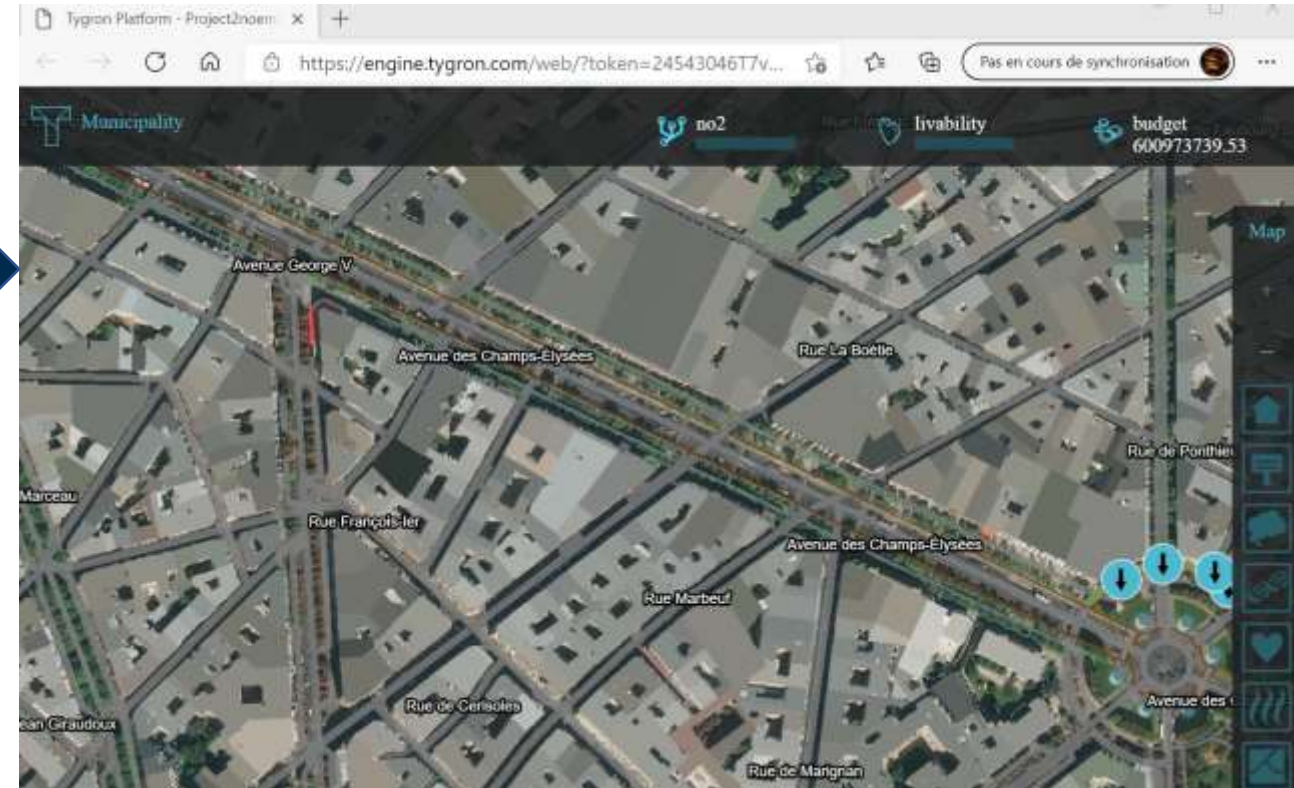
See each stakeholder window in real time
Select the stakehodler and click on
"Show frontpage in browser"

The host computer window

Send a personal message to a stakeholder

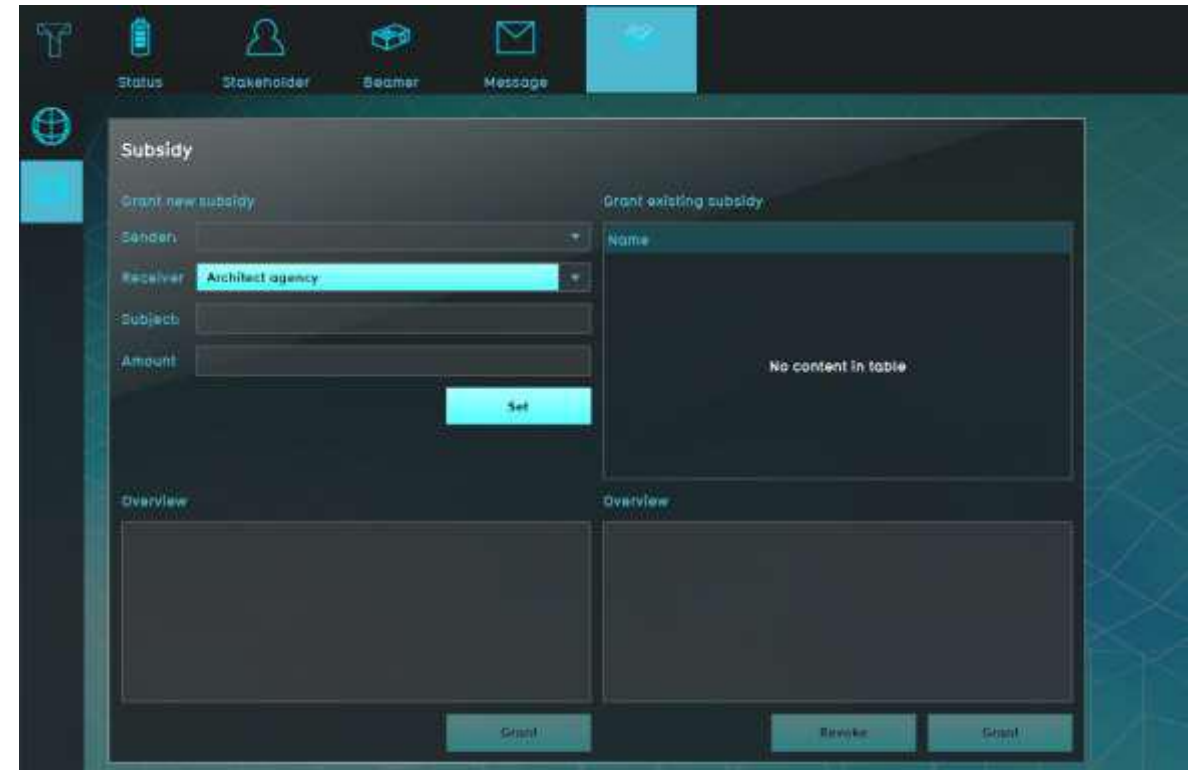**Send a subsidy**

About Paris game and Climate game

PARIS GAME	CLIMATE GAME
5 stakeholders: Municipality, Project developer, Architect, Shopkeepers association, Residents association Redevelop Champs-Elysées area into a liveable, less polluted, pedestrian and bicycle friendy area for residents, shopkeepers and tourists Ownership: Municipality (streets and some buildings), Shopkeepers association (Champs-Elysées avenue and other spots), Residents association (all the rest)	4 stakeholders: Waterboard, Uni Real Estate, Social Student Housing, Municipality Redevelop Delft campus area into a sustainable, livable, green, climate-resilient space for students and inhabitants Ownership: Uni Real estate, Social Student Housing, Municipality => Each has a specific area that you will have to find