

Building a sustainable city with *Energities*



Energities is a computer simulation game which lets you build your own city.

The game is here:
<http://www.energities.eu>

The aim of the game is to build a city with a population of 200. The city has to be *sustainable*.

Do you know what the word 'sustainable' means?

Sustainable. *Adjective:* /sə'stænəbəl/

Conserving an ecological balance by avoiding depletion of natural resources.

Before Playing

Let's look at how to play the game.

1. **Building.** Building is simple. Move the mouse cursor over one of the icons at the top of the screen. In the window that appears, click and drag the icon onto an empty square in the game world.








Questions

- What do you have to *drag and drop* in the game?
- How do you *win* the game?

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2. Types of buildings

You can build various kinds of structures to expand your city. The five main categories are visible in the top menu:

-  Residential - Increase your population.
-  Economic - Produce money.
-  Environmental - Keep our planet healthy.
-  Well-being - Keep your citizens happy.
-  Energy - Power your city.

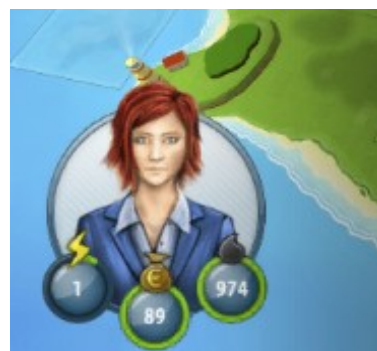
Your city needs buildings from all five categories to grow and be sustainable. Check the icons at the bottom of the screen to see how you are doing.

Questions

- How many types of buildings are there?
- How do you monitor your progress in the game?

3. Improving buildings

Most buildings can be improved so they use fewer resources. Click on any structure to find out how you can make it more efficient and on the Town Hall for city-wide policies. You can also ask your advisor, Alice for help.



Questions

- How can you improve the efficiency of buildings?
- Where can you turn for help in the game?

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4. Checking your score

When your population reaches 200, you'll reach level 5 and it's the end of the game. To see how well you did, press 'Finish the game' button and check you scores.



Level	Economy	Environment	Wellbeing	Victorypoints	Time
1	2	21	3	0	9
2	17	9	5	0	5
3	36	7	48	13	0
4	36	52	68	11	0
Total	91	89	124	24	14

What type of Energities player are you? Are you a tycoon hungry for money or a true nature lover? Do you want the best for your population, or are you only interested in the latest technologies? How you play the game is up to you.

Questions

- What do you have to do to get a high score?
- Is there only one way to play the game?

While Playing

Write down any words or phrases that you see that you don't understand in the box below

After Playing

Record your own final score below and compare with your classmates

Economy	Environment	Well Being	Victory Points	Time

If you played the game again, would you change any decisions you made?