

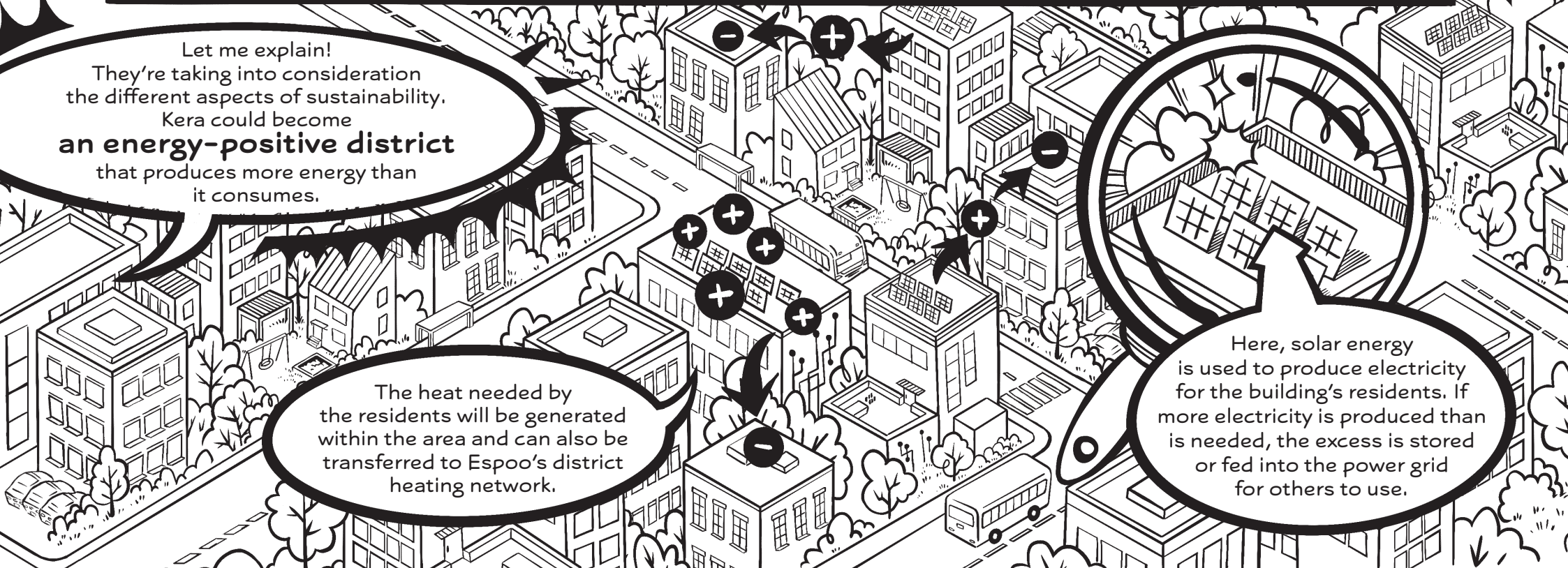
Kera – the energy-positive neighbourhood

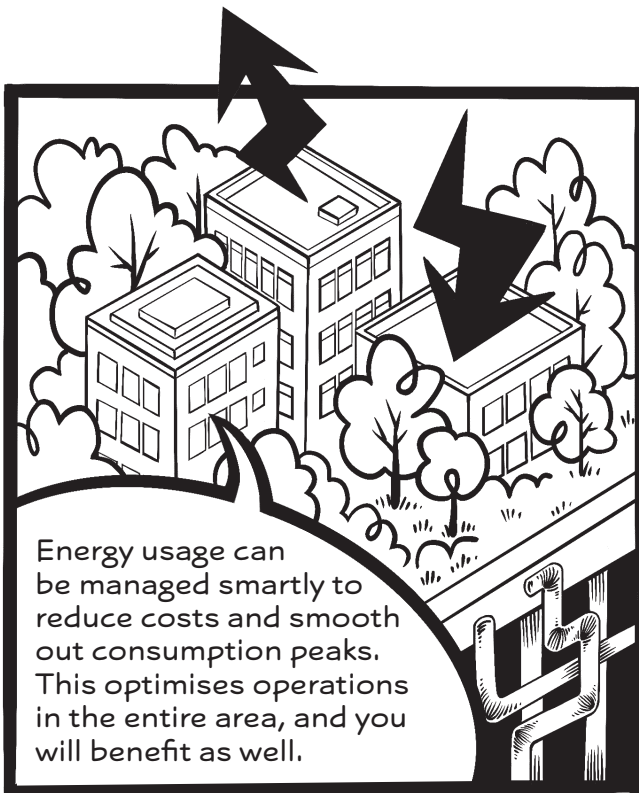


Let me explain!
They're taking into consideration
the different aspects of sustainability.
Kera could become
an energy-positive district
that produces more energy than
it consumes.

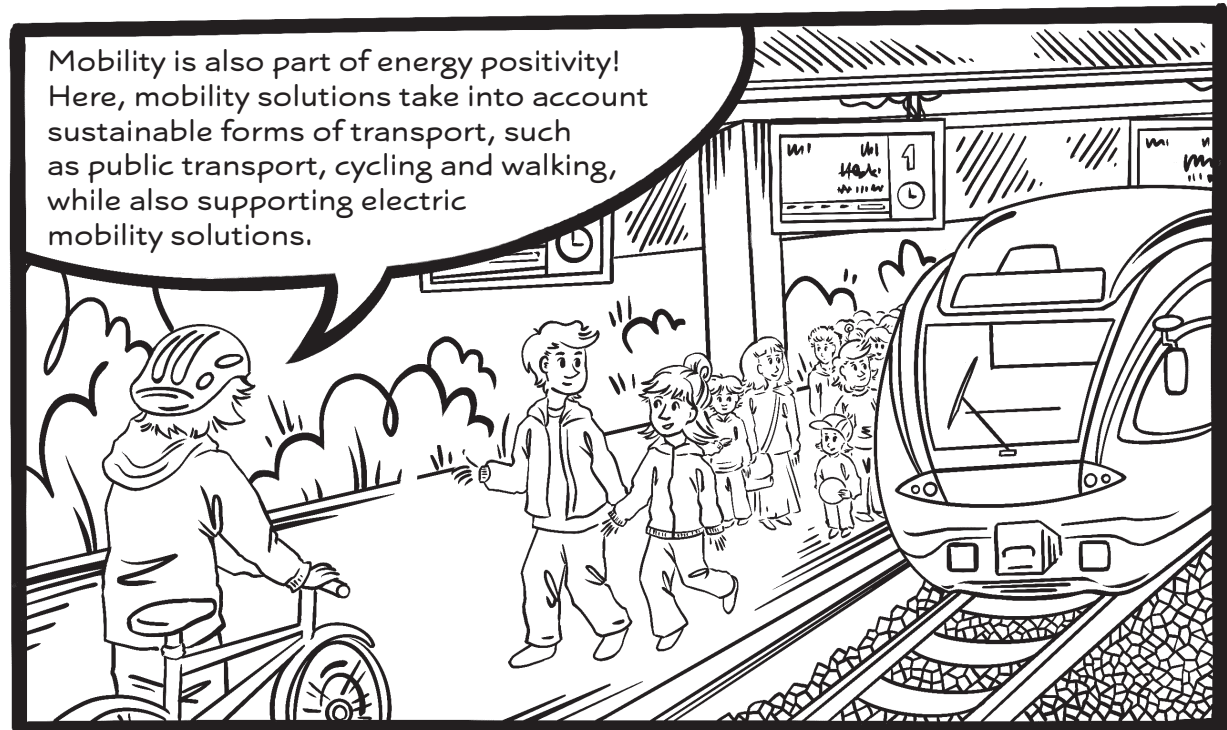
The heat needed by
the residents will be generated
within the area and can also be
transferred to Espoo's district
heating network.

Here, solar energy
is used to produce electricity
for the building's residents. If
more electricity is produced than
is needed, the excess is stored
or fed into the power grid
for others to use.

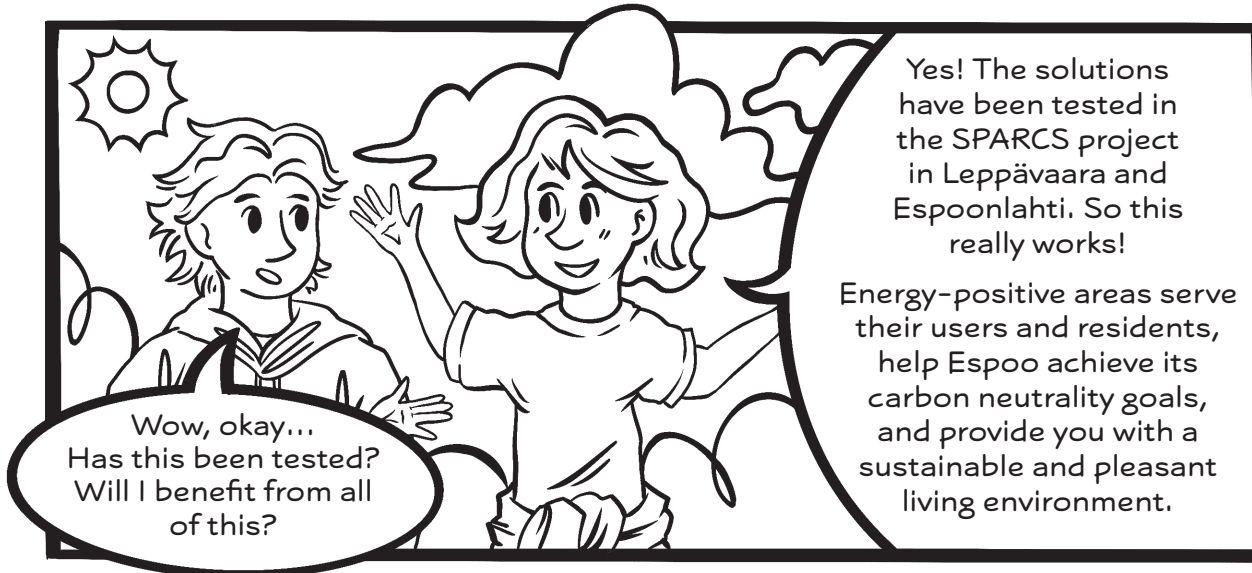




Energy usage can be managed smartly to reduce costs and smooth out consumption peaks. This optimises operations in the entire area, and you will benefit as well.



Mobility is also part of energy positivity! Here, mobility solutions take into account sustainable forms of transport, such as public transport, cycling and walking, while also supporting electric mobility solutions.



Wow, okay... Has this been tested? Will I benefit from all of this?

Yes! The solutions have been tested in the SPARCS project in Leppävaara and Espoonlahti. So this really works!

Energy-positive areas serve their users and residents, help Espoo achieve its carbon neutrality goals, and provide you with a sustainable and pleasant living environment.



That's cool! I definitely want to live in a city like this in the future.