



**Can biochar
save the world?**

How can black charcoal make the city greener?

Have you heard about biochar? It is charcoal that can be made out of twigs and branches from your garden and the city parks.

Biochar has been mixed into soil for thousands of years all over the world to make trees and other plants feel better. Biochar is also a simple way to fight climate change by sequestering carbon.

Good for you, for the city and for the future!

Let's start a biochar project!

Stockholm Biochar Project uses park and garden waste to produce biochar and renewable energy.

Biochar is a fantastic soil conditioner that retains water, air and nutrients in the soil. Once in the soil biochar is a carbon sink that contributes to a greener city and that decreases the levels of carbon dioxide in the atmosphere for hundreds to thousands of years.

The energy becomes heat for the city's district heating network within Open District Heating™ – a project to recycle excess heat in Stockholm city.

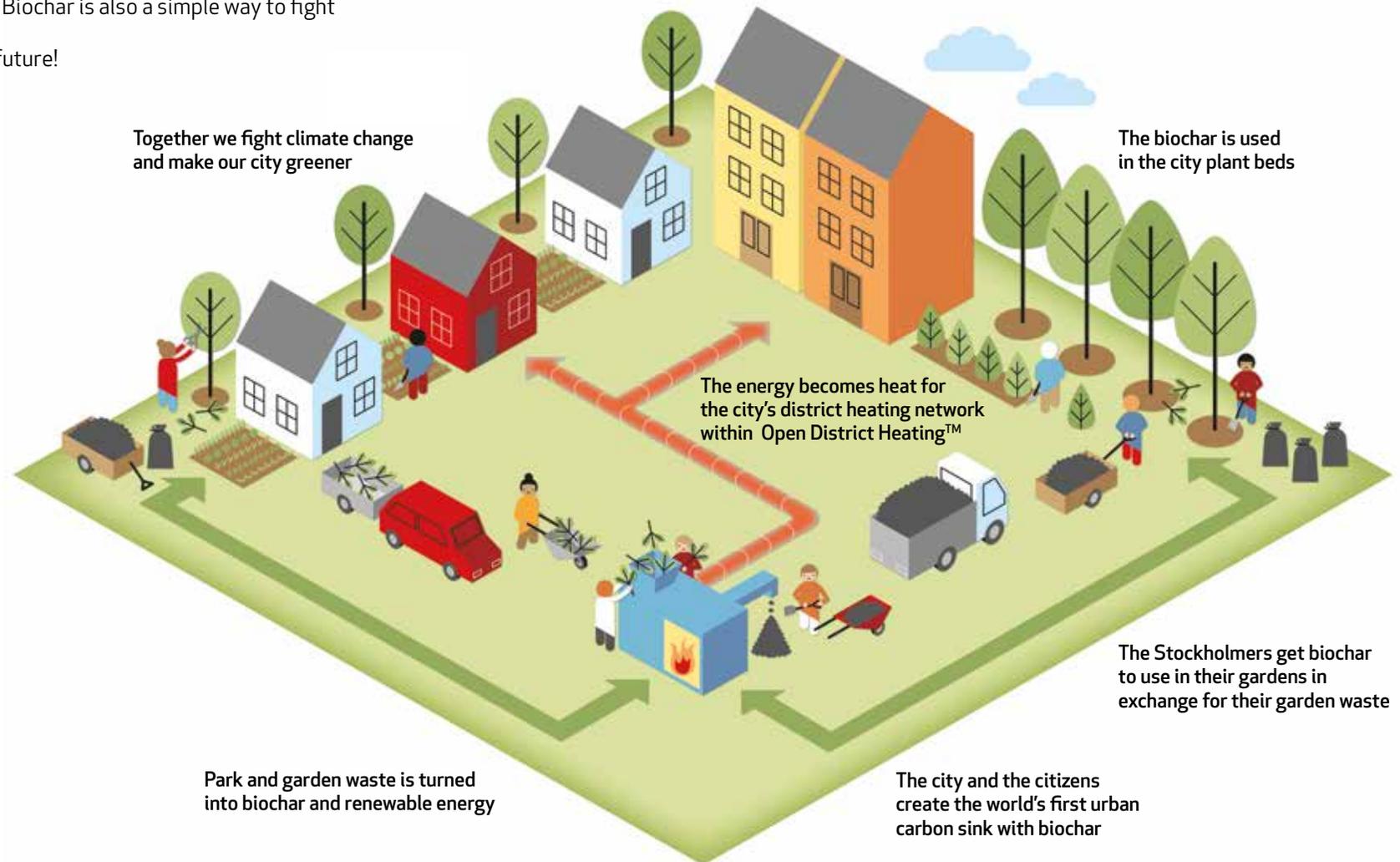
Stockholm Biochar Project's goal is to produce heat for 400 apartments and to create a carbon sink corresponding to the yearly carbon dioxide emissions from 3500 clean cars. This way we are doing a small – but important – action to save the world.

Much thanks to Mayors Challenge

Mayors Challenge is an innovation competition for cities arranged by the American organisation Bloomberg Philanthropies to initiate and spread innovative projects.

155 cities participated in the European version of Mayors Challenge but only five were awarded with winnings to implement their projects. Stockholm was one of the five winners.

The project will run for three years with the support of Bloomberg Philanthropies, aiming to spread the biochar system to more cities all over the world.



This is how you mix your own biochar soil for your garden.



- 1 Crush the biochar so the pieces are smaller than 2 cm wide.
- 2 Mix the biochar into your soil. Aim for 5 liters per square meter.
- 3 Ready to plant!

To know more!

Stockholm Biochar Project is Stockholm's environmental initiative. It is based on shared commitment from the city and all of us living here.

Read more about the biochar initiative at stockholm.se/biokol

Do you have ideas on how we can develop the project? Contact us!

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Stockholm Biochar Project is one of five winners of
Bloomberg Philanthropies' Mayors Challenge.

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