Stockholm Biochar Project

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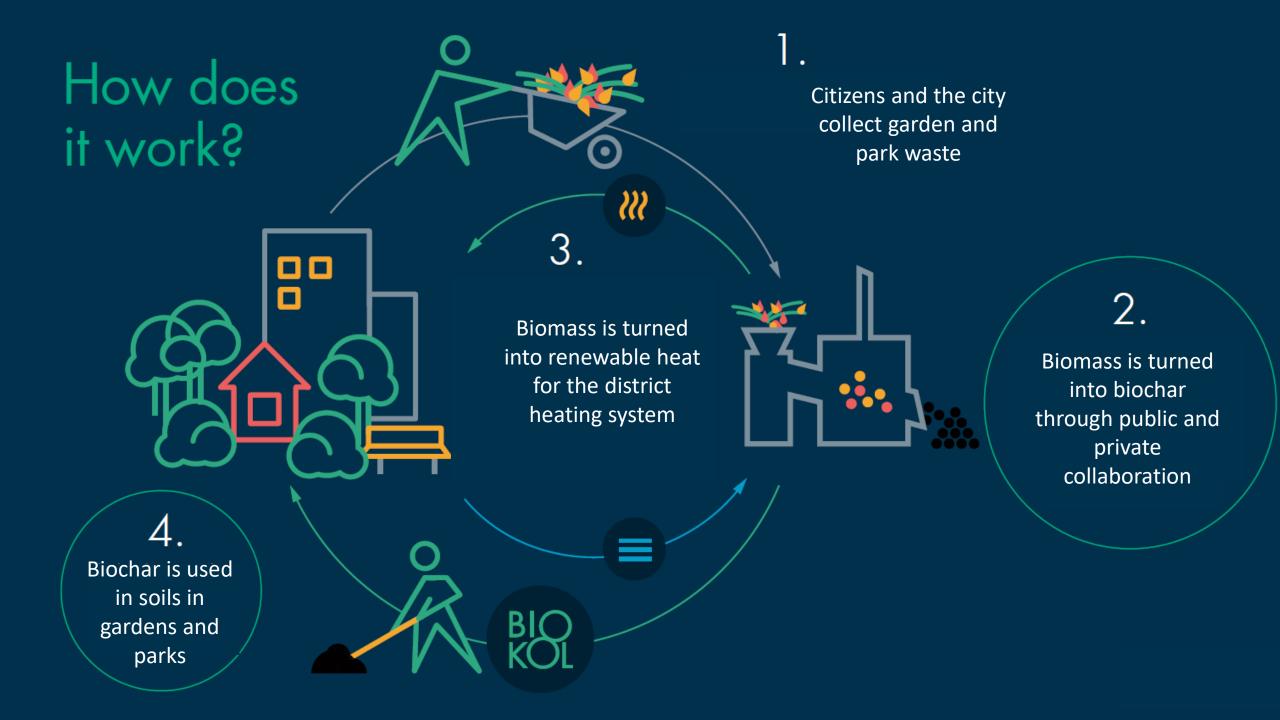




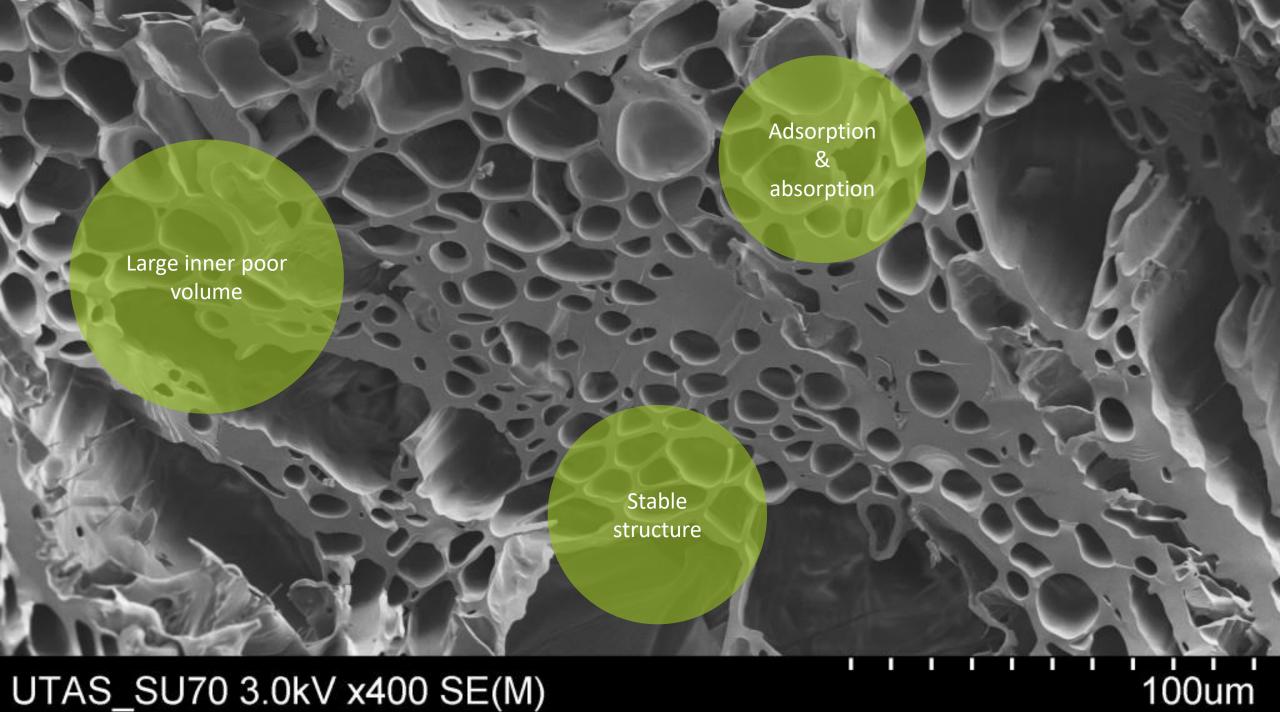
Winning Mayors Challenge

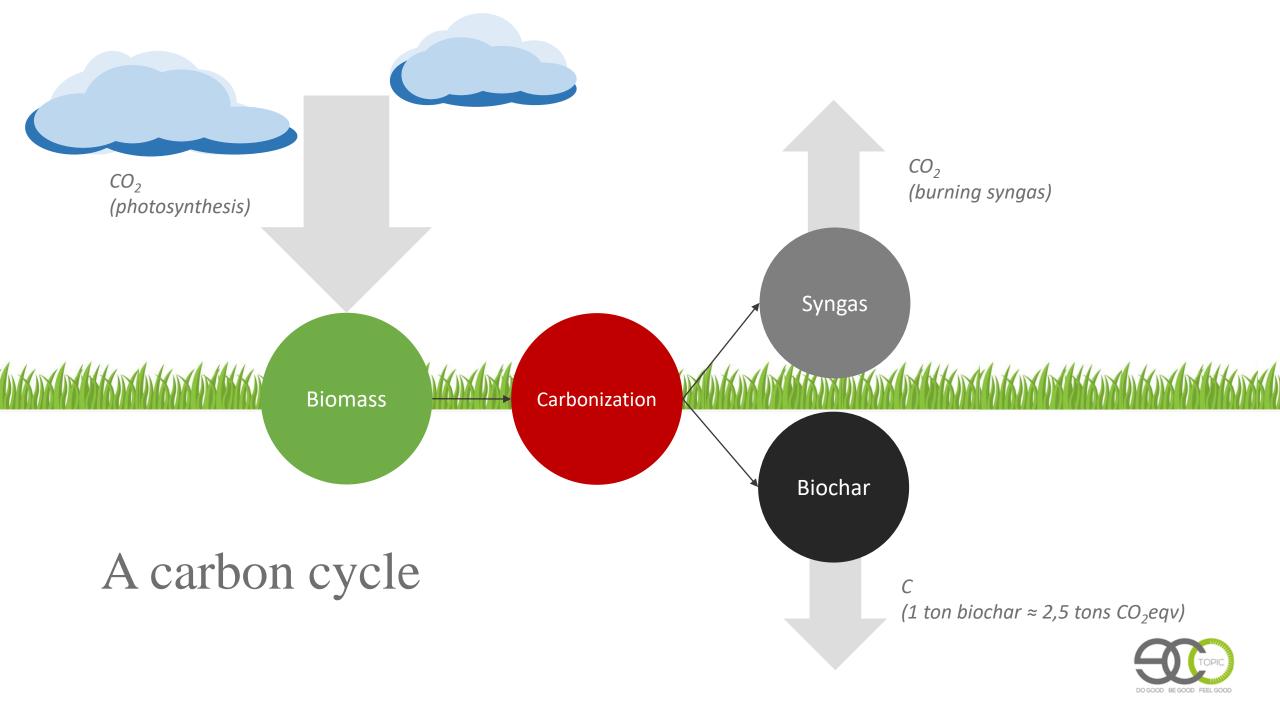
- Innovation competition for cities
- Bloomberg Philanthropies founder and financer
- 155 participating cities in Europe in 2014
- Project support and collaboration for 3 years





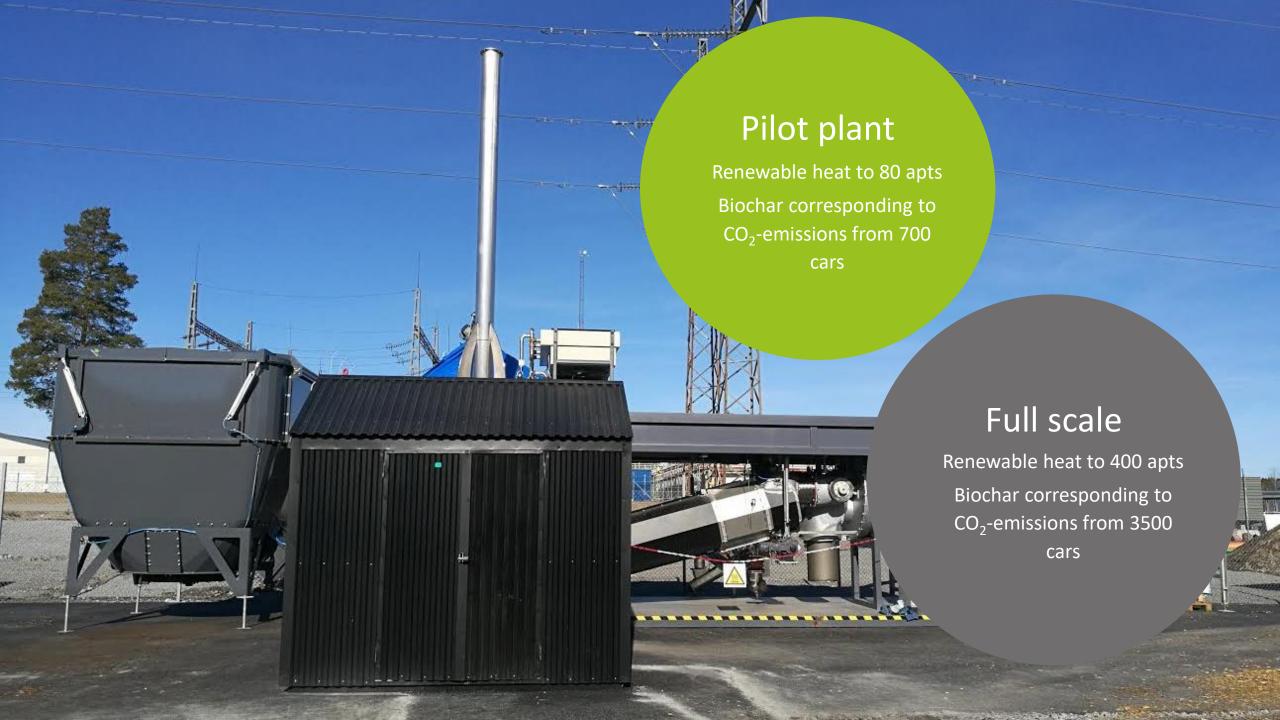














Making biochar known

- ~2000 study visitors
- ~300 000 Stockholmers receiving direct information of the project
- 300 new urban plant beds in Stockholm with biochar every year
- 1500 Stockholmers have collected biochar (May of 2019)
- Award for best recycling facility in Sweden in 2018



Stockholm Biochar – the Experiment



- Inspiration from the Big Biochar Experiment in Oxford started by Cécile Girardin (Oxford Biochar)
- Participants: 65 (2016), 125 (2017)
- Varying results but increasing knowledge of biochar







Learnings

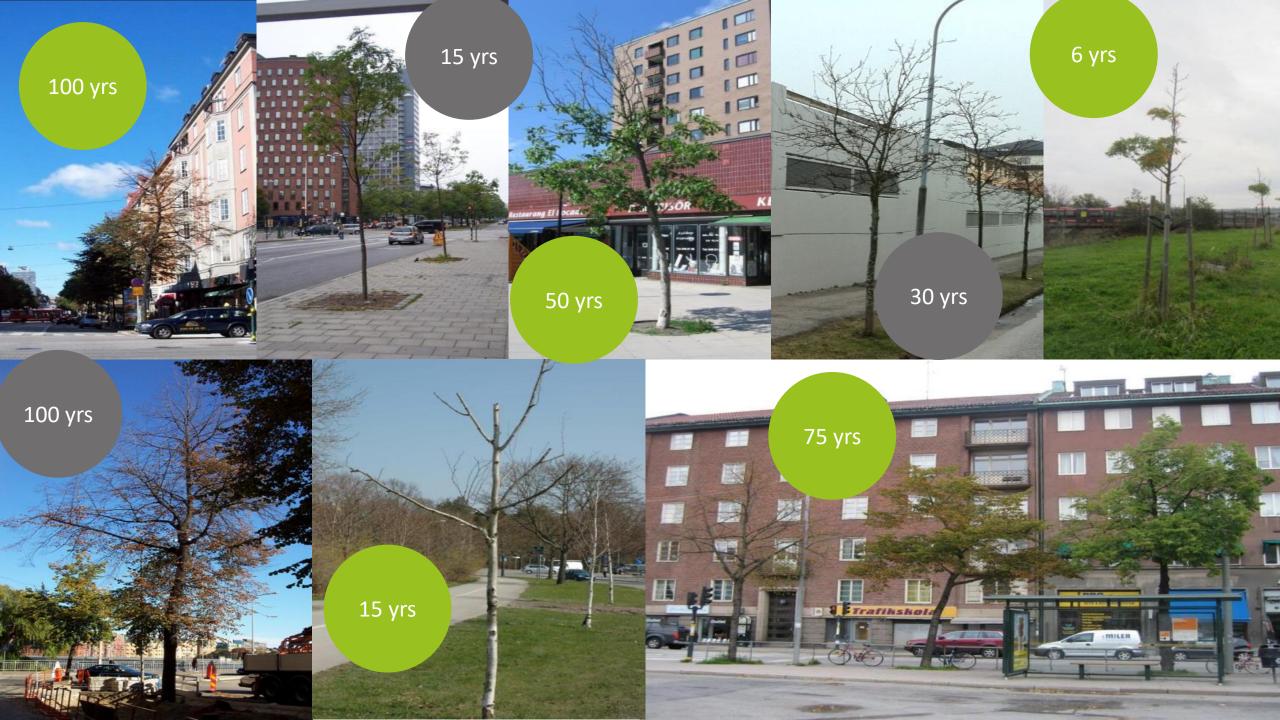
- Choose site based on costs
- There are only a few biochar plant suppliers
- Pre-treatment of garden waste is necessary for continuous carbonization processes
- Need of education

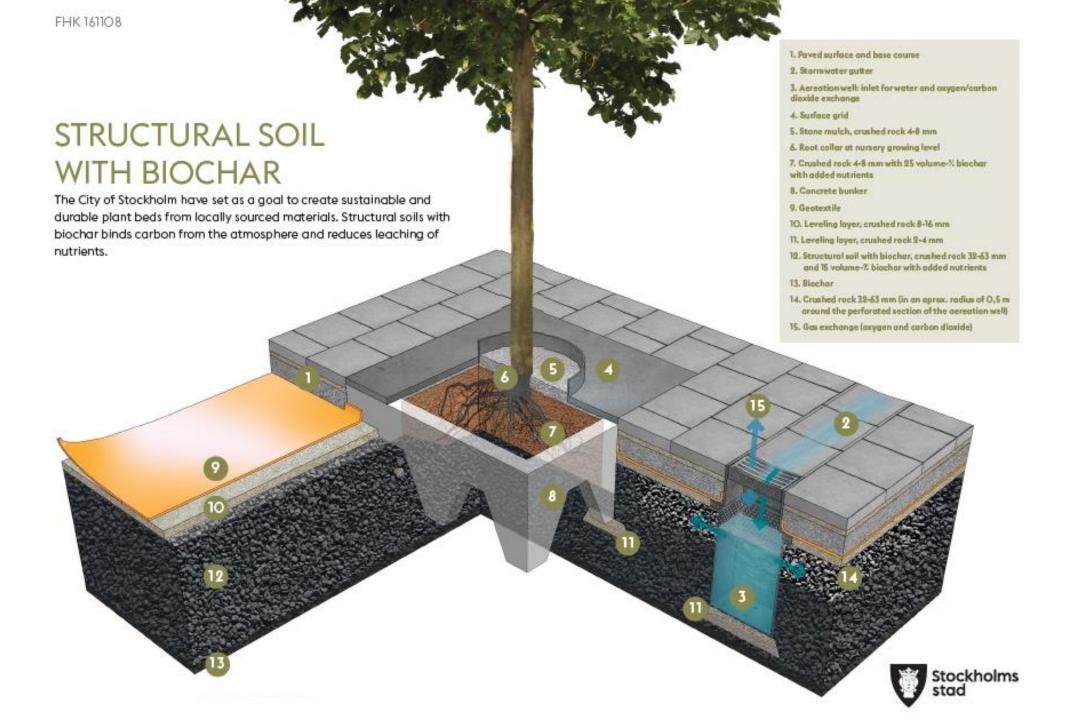


The urban carbon sink

Urban tree beds with structural soil and biochar















After one year with biochar





Thank you for your attention!

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