



Green Buildings

Bo Frank

Lord mayor of Växjö



Växjö
kommun
Europas grönaste stad



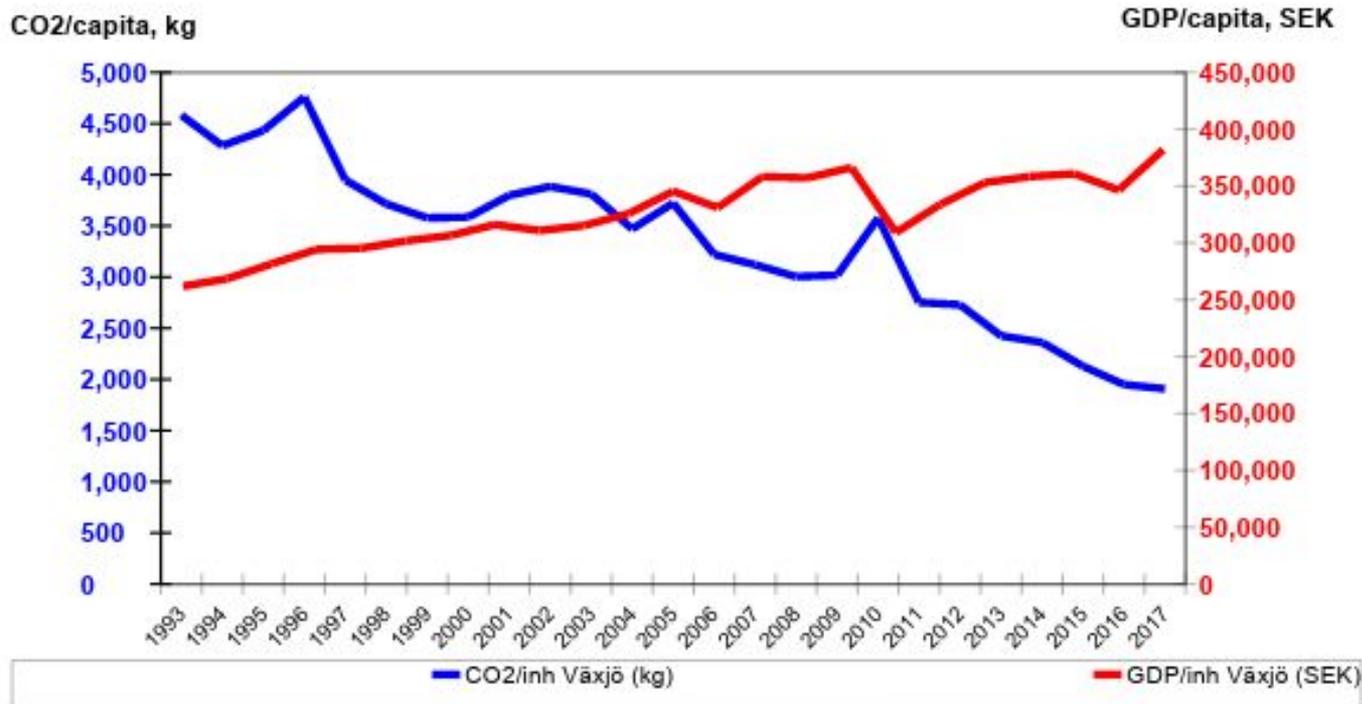
Reasons for green success

- Political unity
- Long-term strategies and goals
- Local, national, international cooperation



Fossil fuel free Växjö

- Unanimous decision 1996
- To be achieved 2030
- Cooperation needed



CO2 and economic growth

-58% CO2, +46% economy



The Modern Wooden City



Växjö is building in wood

- Växjö is located in the middle of the forest. We use the local materials.
- It is easy to process and light to transport.
- Wood is well suited for modern construction.

A lot of other reasons...

- Increase competition – More actors – New establishments
- Developing a local material
- Developing the traditional way of building (from private singlefamily houses to multifamily houses)
- Technically possible – We have the knowledge
- Support the research (at Linnaeus University)
- Create local jobs (even in the countryside)
- Lots of local actors within the forest and wooden sector today

Areas for further development and research

- New wood building strategy
- Life Cycle Analysis (CO₂ emissions)
- Building costs
- Acoustics and vibrations
- Maintenance costs (wooden facades)
- More visualization of wood (political)
- New research around "feel good feelings"/ "better performance"

