



Housing

Using new technologies against climate change



Build smart – act green

Today, the building and construction sector accounts for approximately one fifth of all climate emissions in Sweden.

Finding new technologies for reducing the built-in climate impact of materials.





New house building technologies

Housing construction produces large carbon dioxide emissions. Therefore, the city has drawn up an action plan to achieve climate-neutral construction, where the climate impact of materials and construction techniques is reviewed.



Brunnsög, Lund

- Lund municipality owns all land in Brunnsög
- The city makes high demands on the builders
- Sustainability is a requirement



Building construction

Construction companies are testing new more climate-friendly ways of building, for example concrete with less carbon dioxide emissions - and wooden houses.



Carbon dioxide neutral buildings

Renewable energy from solar
cells

Heat recovery from
installations in the building

Effective facade solution with
good sun protection and good
energy performance

Adapted ventilation with
regard to presence and
temperature