



# Net Zero Malmö Pilot

## MALMÖ, SWEDEN

### Emissions domains addressed by the Pilot Activity



Consumption of non-electricity energy for thermal uses in buildings & facilities



Consumption of electricity generated for buildings, facilities & infrastructure



Industrial process emissions



All vehicles & transport (mobile energy)

### Key Focus Areas

Sectoral roadmaps | Climate-neutral construction | Carbon capture | Circular procurement | Climate budgeting | District heating

### Levers of Change

Democracy and participation | Financing and funding | Governance and policy | Learning and capabilities | Social innovation | Technology/infrastructure

### Description of the Pilot Activity

Malmö's pilot marked the city's shift from climate transition planning to implementation. With emissions spread across construction, mobility, energy, and consumption domains, the pilot translated baseline analyses into seven sectoral roadmaps. To move from strategy to practice, it emphasised co-benefits, inclusive stakeholder mobilisation, and governance innovation.

### Innovation Highlights

Seven sectoral roadmaps (heating, electricity supply, climate-neutral construction, mobility, circular economy, climate-smart consumption, net-zero municipal organisation) each combine short-term delivery plans for 2023–2026 with outlook to 2030.

### Impact & Results

Malmö developed a city-wide roadmap creating shared direction across departments and establishing formal mechanisms for coordination. Budget allocations for new staff in the Net Zero team followed.

Climate budgeting in construction procurement enables departments to evaluate climate impact of investments—now embedded in municipal workflows.

The roadmap for climate-neutral construction reshaped the city's civil engineering and property management workflows. Departments introduced climate budgeting tools, low-carbon procurement templates with circularity criteria, and interdepartmental meetings every 4–6 weeks. Pilot projects like Sege Park's wooden, solar-powered, EV-ready garage demonstrated integrated approaches.

The pilot increased likelihood that Malmö and regional partners will implement large-scale CCS at the Sysav waste-to-energy plant by 2030. Key deliverables included options appraisals, a tested CCS pilot plant, and creation of Malmö CO<sub>2</sub> Hub with Copenhagen, Helsingborg, and Lund partners.

