

# SUSTAINABLE CITIES

## - challenges and opportunities

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# THE GREAT CHALLENGES

- change of climate
- urbanization
- Poverty and conflicts
- Lack of leadership – on global level

Cities must lead the way and are part of the solution to climate change



# LOCAL LEADERSHIP FOR SUSTAINABLE DEVELOPMENT



# The urban sustainability challenge



# All three dimensions of sustainability



# The Delegation for Sustainable Cities

Taskforce Appointed by the Swedish Government  
September 2008 - December 2012

The task:

- A national arena
- Manage a government grant



# The Block Fullriggaren in Malmö



- Sweden's largest collection of passive and low energy buildings
- Close cooperation with developers at an early stage of the planning process
- Large-scale separate collection of organic waste for biogas production
- Car pool membership for all residents
- Plant cultivation on walls and roofs

# Kvillebäcken in Gothenburg



- Major urban development project
- New green technologies
- Resource efficient and recycling facilities
- Heat stored in building frames
- Easy to reach by bike, tram and ferry
- Collaboration between many actors

# Rosengård in Malmö



- Conversion of an area from the Swedish million-homes program
- Cooperative ownership of a wind turbine facility
- Improved public transport
- Climate friendly locally cultivated food
- Participation of residents

# Ålidhem in Umeå



- Conversion of an area from the Swedish million-homes program
- Showcase for building and energy initiatives in a cold climate
- Locally produced energy
- Dialogue with the citizens
- Thoroughfare converted into low-traffic city street
- Glassed winter garden new meeting-place

# My green neighbourhood in Örebro



- Conversion of an area from the Swedish million-homes program
- Reduce energy use by half
- Producing renewable energy
- Car and bike pool
- New street structure to reduce car use
- Strengthen neighbourhood identity
- Employing local residents and cooperating with the national employment agency

# The new Krokslätt in Mölndal



- Carried out by a company
- Densification and transformation of cultural factory environment
- New construction of homes and offices with climate-adapted architecture
- The storage of heat and cold in rock shelters
- Smart ICT services
- Climate-friendly lifestyle

# AN URGENT CALL FOR ACTION!

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