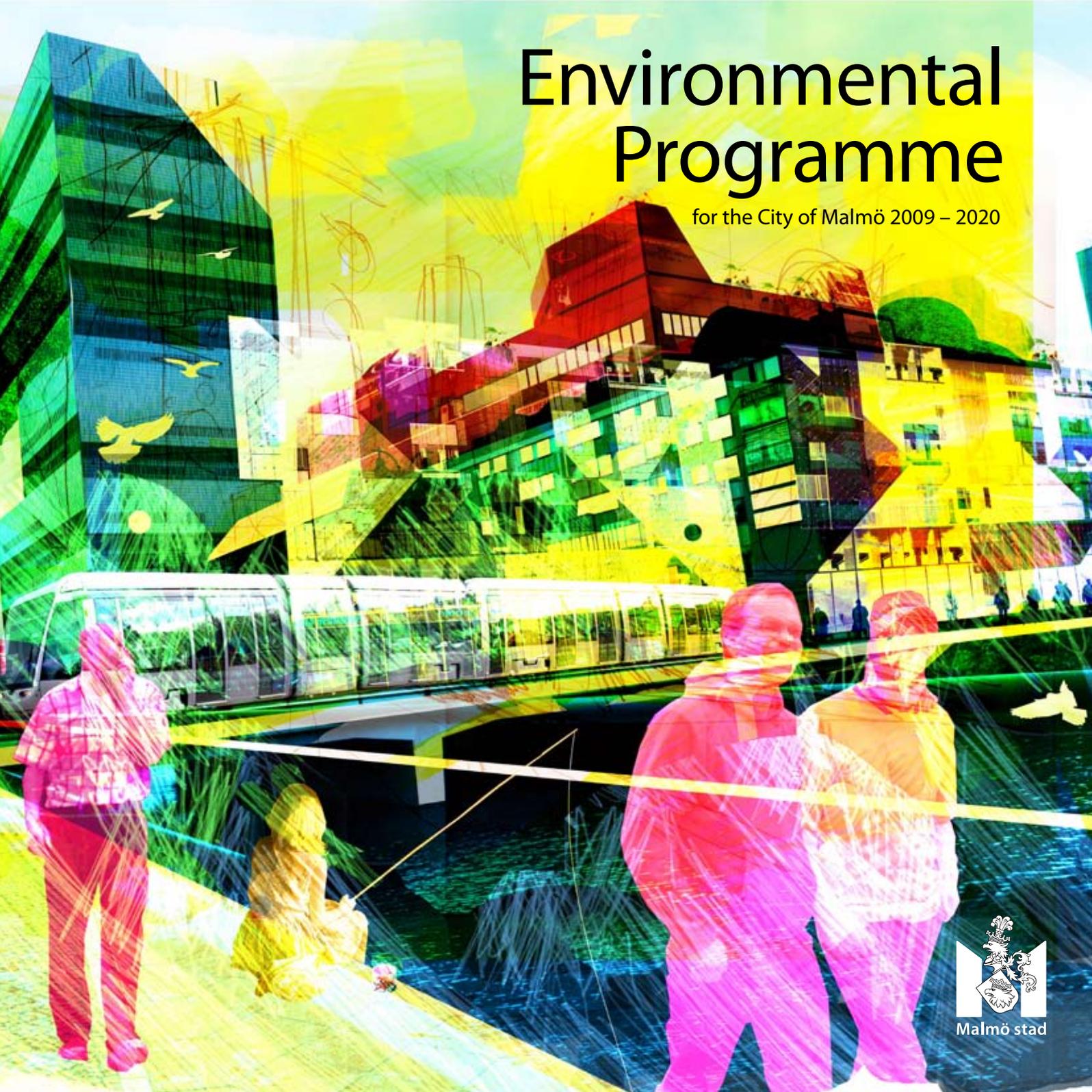


Environmental Programme

for the City of Malmö 2009 – 2020



Malmö stad

We Take on the Challenge: Malmö will be the Best City in the World for Sustainable Urban Development by 2020

Malmö has more than a decade of progressive investment in environmental and climate issues under its belt. In front of us lies the challenge of integrating this positive experience into our daily work, as well as constantly seeking out new ways of tackling the problems and opportunities we face.

A successful environmental agenda does not wait for the perfect solution; it has to be experimental in nature and employ diverse working methods. Each part of our operations has to find the method that best succeeds in achieving the objectives of this environmental programme. We welcome initiatives from citizens and industry. Our creative work on development has resulted in Malmö being an attractive home for citizens and businesses alike. We will be able to show how a progressive environmental agenda pays off, not only from an ecological perspective, but from social and economic perspectives too.

One of our goals is to make sustainability a reality for all of Malmö's citizens. In working towards this goal, we have to start by considering the socioeconomic differences. Green spaces, air quality and noise pollution vary within Malmö. Urban conditions such as population, density and diversity offer opportunities. Simplicity and clarity are important key words.

To make Malmö the best city in the world for sustainable urban development, a large number of people need to work towards a common goal. We know that interest in environmental issues is strong among colleagues, Malmö's citizens, industry, organisations and other actors, and that many people are proud to be living and working in a city that is at the cutting edge on these issues. We take on the challenge.

Anders Rubin

Commissioner for Housing
and Urban Environment

Lari Pitkä-Kangas

Commissioner for City Ecology
and Consumerism



Illustrations: David Wiberg

Environmental Programme

for the City of Malmö 2009 – 2020

We are good at working for the environment here in Malmö, and our ambition is to be a leading eco-city. For many years we have successfully worked on testing new environmental solutions, but now it is time to move forward.

The environmental programme is intended to function as a common starting point for continued environmental work in Malmö. The term sustainability is divided into three parts, one being ecology. The focus of this programme lies on the ecological aspect and covers this element of the municipality's work on sustainability. The environmental programme will also provide the basis for future comprehensive plan within ecological sustainability and is therefore not a sector programme in the traditional sense.

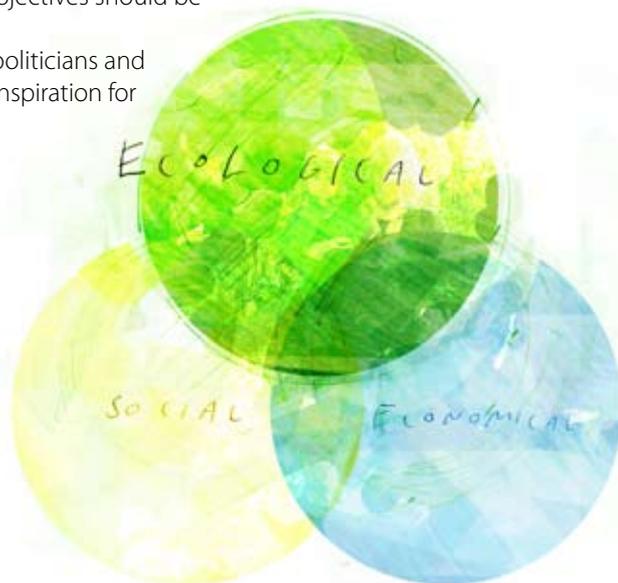
The four main environmental objectives for Malmö City presented here underline the areas which the municipality prioritises in working towards a sustainable city. The objectives have both local and global perspectives, and the timeframe is also addressed. The choices we make now have to leave space for coming generations to make their own choices.

Our target year is 2020, a date that features elsewhere in the environmental context, both nationally and internationally. The EU's target is to reduce greenhouse gas emissions by 20% by 2020*. The Environmental Objectives Portal and the authorities responsible for environmental objectives have followed up and evaluated the national quality goals and have emphasised that the proposed environmental quality objectives should be reached by 2020.

The primary target group for the Environmental Programme is politicians and civil servants in the City of Malmö. The hope is that it can serve as inspiration for industry and citizens alike.

The term sustainable development is defined in the UN report "Our Common Future", also known as the Bruntland Report, as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs." Three dimensions of societal development must cooperate for sustainable development: The social, economic and ecological dimensions.

*Compared to 1990



The Journey Towards a Sustainable Malmö by 2020

Building a sustainable society is the toughest challenge our world has ever faced. Our journey towards a sustainable Malmö started a while ago. So we're not starting from zero. Our work is an ongoing project. The work we have already done serves as a common platform from which to embark and it can grow in order to help us achieve our goal.



What drives us? The journey towards a sustainable Malmö is picking up speed, but we have only recently experienced a transition from an industrial city to a knowledge city. We know that change is possible. We know that change is necessary.

Malmö is an attractive city with high levels of participation, both within the municipality and by private stakeholders. Many actors are eager for this development to continue. This makes Malmö a strong motor to drive work on sustainable urban development. We are seizing on the competence and interest that has built up to accelerate this work.

Building sustainable cities is part of global survival. Malmö is at the cutting edge of sustainable urban development, and can therefore contribute to the successful adaptation model that needs to be highlighted and spread. This is another reason to intensify and increase our commitment.

How do we do this? In 2020 it won't be good enough to be an exemplary model to show visitors. Instead, the successful pilot programmes will be the standard, as the whole of Malmö develops into a sustainable city. Meanwhile, we have to continue investing both financial and human resources into testing new solutions and technology so that Malmö continues to be a forerunner and an inspiration for others.

In order to be able to progress quickly, it is important that everyone is pushing in the same direction. The Environmental Programme provides a common objective for everyone working for Malmö's future, both within the City of Malmö and within the municipality as a whole.

In working towards sustainable urban development, Malmö has cooperated widely with other cities, primarily in Europe. This work can be developed further, and made more efficient by developing partnerships and dialogue, not only with other cities but also with Malmö's own citizens, industry, college, university and other important actors. Malmö can also contribute by spreading knowledge and experience to these actors. Proximity to research is also important to benefit new business active in the environmental and sustainability sectors.

What is changing? In 2020 Malmö will be a denser, greener and more diverse city. Flexibility, mixed-use and space-efficiency are key words as Malmö's density increases. Malmö will be a city bursting with life and energy where comfort, pleasure, safety and quality characterise the environments in which its citizens live. Malmö's residents will be close to nature and rich biological diversity.

Those who want to make long journeys will find public transport to be the most convenient means. The City tunnel and other rail transport will ensure that the city and the region as a whole are well connected. In the city, walking and cycling will be easy, safe and effective.

The transition to 100% renewable energy will soon be implemented across the entire city. Energy efficiency has been improving on all fronts in the public and the private sector.

The supply of sustainable goods and services will be broad and readily available. Consumption of material goods will have decreased. Malmö's citizens will maintain a high quality of life despite minimum use of resources.

Malmö will have developed a strong trademark as "the sustainable city", attracting visitors, residents and industry. The city will be an attractive place for everyone who wants to continue driving and developing sustainability.



Sweden's Most Climate Friendly City

By 2020, the City of Malmö will be climate neutral and by 2030 the whole municipality will run on 100% renewable energy.

More efficient energy consumption. Energy consumption in Malmö will decrease by at least 20% per person by 2020*, and by a further 20% by 2030.

More renewable energy. Solar, wind, water and biogas will be phased in and fossil fuels phased out. The proportion of renewable energy will be 100% in the City of Malmö by 2020. The ambition is for as large a proportion of this energy as possible to be produced locally.

Reduction of emissions. Greenhouse gas emissions will decrease by at least 40%, calculated from 1990.

Transition in transport and travel. The significant development of rail traffic and other electrically (green electricity) driven public transport, as well as an extended network of cycle lanes, will create new possibilities for local and regional travel. The capacity for transporting goods by ferry and train will be improved.

Adaptation to climate change. Malmö will prepare for temperature changes, rising sea levels, and increased precipitation. Foresight can provide for lower costs and an improved environment.

**compared to average consumption 2001-2005.*



Malmö – the City of the Future

In 2020 Malmö will be a flourishing and leading knowledge, demonstration, and development centre for sustainable development. Those who live and work in Malmö will enjoy a city environment with clean air and low noise levels.

Sustainable urban development. Malmö will enjoy a leading position in the field of sustainable development in the urban environment, and will continue developing as a driver in this field.

Resources will be used more wisely. Malmö will be a densely and diversely populated city with residential areas, green spaces, services and other activities situated close together. Land use will be more efficient and old industrial areas will be reused.

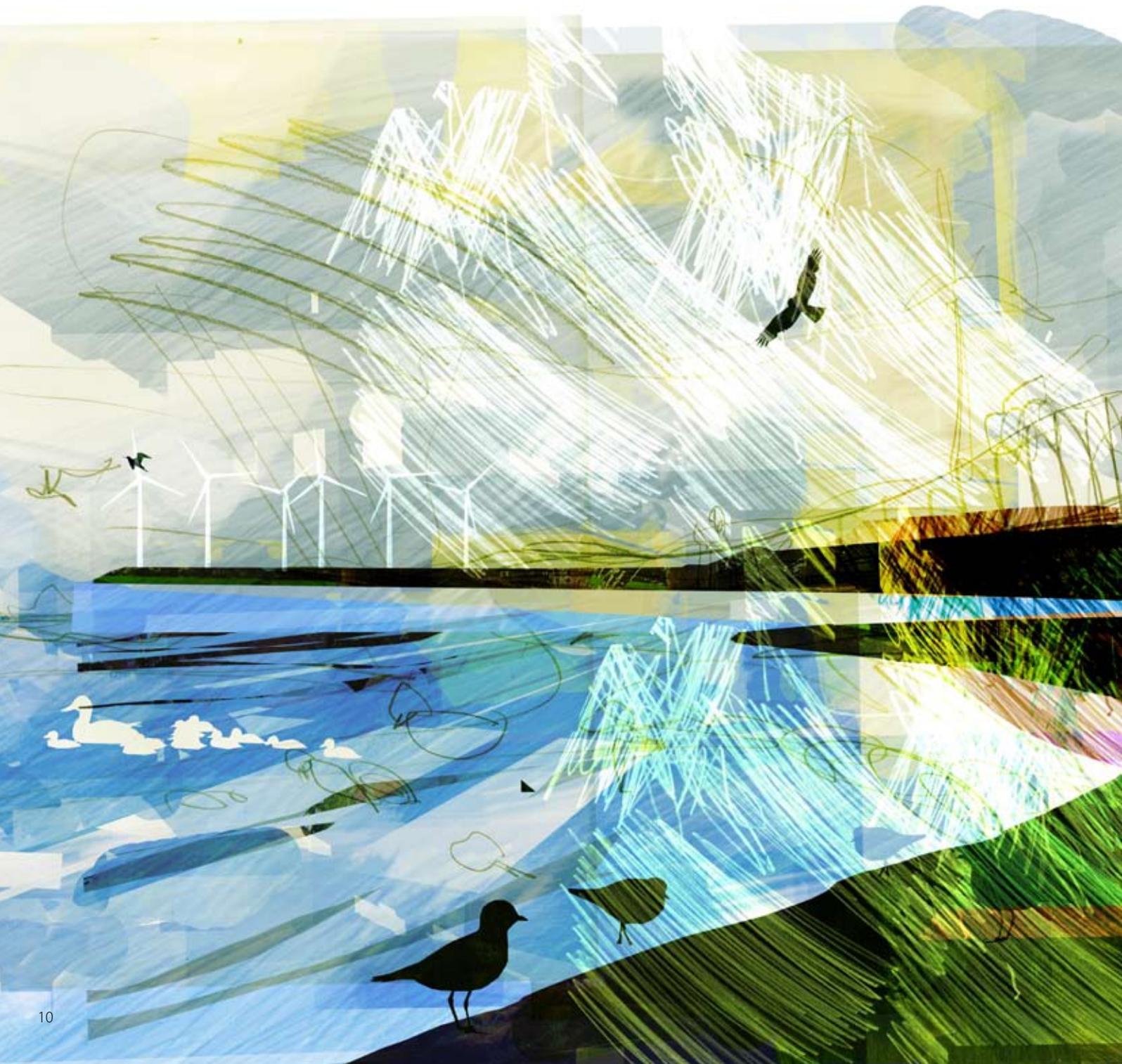
The city will be cleaner and quieter. Cycling, walking and public transport will constitute the basic transport network, and together with development of car sharing schemes, will decrease our dependence on cars. Malmö's traffic system will be designed to minimise air and noise pollution, particularly in the city centre.

The city's green and blue amenities will be developed. Malmö's parks, green spaces and waters will be expanded, safeguarded and have strong recreational and biological value. The city environment will gain more greenery and water features, including vegetation growing on roofs and walls, for example, and open storm water management.

A pleasant living environment for everyone in Malmö. Those who live in Malmö will have access to safe and secure homes. All children will be able to play outside in a healthy and inspiring environment.









GENERAL ENVIRONMENTAL OBJECTIVES FOR MALMÖ CITY

Sustainable Use of Natural Resources

Malmö's natural resources, in the form of land, sea, limestone pavement, freshwater and biological diversity, are valuable assets which will be protected and used sustainably in 2020.

Malmö will grow despite minimal resource usage. By concentrating primarily on development within the city (densification), mainly on brownfield sites, we make use of the city's land resources while safeguarding fertile agricultural land.

Sustainable agriculture in Malmö. Crop-free and pesticide-free zones in the agricultural landscape will benefit biological diversity and reduce the spread of nutrients and toxins into the watercourse and groundwater. More land will be converted to organic agriculture.

Protection of water resources. By 2020 Malmö will play a leading role in all the Water District Boards dealing with water within the municipality. Groundwater has the potential to be a future water resource for a variety of needs. The flow of nutritive substances and toxins into Öresund, via small watercourses, for example, will be reduced.

The nature around Malmö will be protected. Biological diversity will be preserved and developed hand in hand with nature protection and nature management. Taking responsibility for the endangered and rare species found within the municipality is particularly important. Malmö's citizens' knowledge of and interest in nature will increase.

GENERAL ENVIRONMENTAL OBJECTIVES FOR MALMÖ CITY

It's Easy to Do the Right Thing in Malmö

In 2020, resource usage will be characterised by sustainability and long-term thinking. It will be easy for residents, industry and the municipality itself to make sustainable choices when it comes to commodities, services, travel, and waste management.

Sustainable procurement. The City of Malmö will revise its procurement and purchase procedures, as well as the municipality's use of resources. The proportion of organic and locally produced food purchased by the City of Malmö will increase.

Decreased use of dangerous substances. Information, cooperation, and supervision will contribute to phasing out the circulation of hazardous substances. The City of Malmö will exclude commodities containing hazardous substances at the procurement stage. Sustainable materials will be chosen in all sectors.

Waste will be recycled. The trend of ever increasing quantities of waste must be halted. An effective way of doing this is to minimise the creation of waste. The system for sorting and recycling waste will be simpler and more easily accessible.

Malmö – a knowledge and innovation city. Malmö will strengthen existing clean-tech businesses and attract new business by continuing to develop as a knowledge and innovation city.

Sustainable consumption and lifestyle. It will be easy for Malmö's citizens to make sustainable and zero-toxin choices. Consumption and production can require lower resource input and can have more focus on quality.





From Words

The City of Malmö as a whole has a shared responsibility to realise the goals and objectives outlined in the environmental programme. Cooperation between committees, steering boards, government agencies and companies will be expanded so that the working system is simple and coherent. For work on the environment to be successful, the citizens of Malmö have to participate, and collaboration with the citizens has to be enhanced. Those of us who work and live in Malmö will continue to experiment with new environmental solutions capable of benefiting ourselves and others. We will also ensure that successful experiments are integrated into the mainstream, and that the transition to a sustainable city is visible within Malmö.

Every committee and steering board bears responsibility for achieving the objectives set out for their particular sector. Committees and steering boards will break down the general objectives into manageable targets and measures appropriate for each area of responsibility, and incorporate these targets and measures into their agendas. Every committee and steering board will work on every general objective. A follow-up of the environmental work will be included in the annual accounts of each committee and steering board, and will therefore be integrated into the accounting system. This will lay the foundation for a simple environmental leadership structure. Furthermore, each government agency and municipal company can also work with standardised environmental leadership structures.

To ensure that the work that is carried out achieves the general environmental objectives, the development will be monitored by quantitative and qualitative indicators set by the committees. The Environment Committee will coordinate this work and set the indicators for the whole municipality. Committees and steering boards are responsible for producing documentation and reporting on the indicators that are relevant to their particular area of competence. The Environment Committee is also responsible for the checking, reporting and communication of the state of the environment in Malmö. A comparison and links can even be made to the regional and national environment quality objectives.

to Actions

The Environment Committee will play a leading, supporting and coordinating role in the work involved in implementing the Environmental programme.

Conflicting objectives in implementation of the environmental programme should be avoided as much as possible by improved cooperation between all relevant partners. There will be an ongoing dialogue on the critical subject areas with long-term sustainable development as our shared aspiration.

The Environmental Programme's content will be publicised throughout the duration of the programme. All committees and steering boards are responsible for publicising their own environmental work.





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