Local Contributions to achieving Post-Kyoto Targets

A Stroll through European Cities
We fight global warming! Do you?

Graz, Austria
“KEK 2020 - Administration sets examples! As far as energy sufficiency and climate protection are concerned, municipal institutions of Graz set the right example: In co-operation with its departments and external bodies, action programmes are set up in fields such as the thermal sanitation of buildings; acquisition, maintenance and management of vehicle fleets; modernisation of street lighting; and utilisation of biogenous waste. 30% of energy and CO₂ are to be reduced in public buildings and institutions until the year 2020 that way. The good example of politics and public institutions is also meant to lead to more awareness between the people of Graz.”
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Bad Oeynhausen, Germany
“In the last 10 years we have achieved a reduction in CO₂ emissions by 50% in our own facilities. Energy management is a pay-back contribution to climate protection.”
We fight global warming!

Do you?

The Hague, Netherlands
“In The Hague we interpret ‘change’ in climate change as an opportunity to become more innovative. Innovative in finding better sustainable housing and business solutions; changing our urban fabric to become climate proof. We invite all to join and help us in this quest.”
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Donaueschingen, Germany
“For a long time, we have been trying to reduce energy consumption in all municipal buildings and have achieved good results. This year, we connected 3 town halls and a multi-purpose hall to a district heating network which is fed by industrial waste heat. We also built a solar heating system for a public open-air pool.”
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Vienna, Austria
“Our Climate Protection Programme has reduced the annual greenhouse gas emissions by nearly 3 Mio tons. Furthermore, Vienna will make its contribution to tackle climate change.”
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Baunatal, Germany
“Our way to an energy-efficient and climate protecting future:
• a pilot energy concept
• individual advice and
• a concerted development programme.”
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Essen, Germany
“The reduction of resource consumption of the city and its enterprises is a key goal towards which we work both consistently and pointedly targeted.”
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Copenhagen, Denmark
“One of our main challenges in Copenhagen is dense car traffic. As a city, we wish to make a congestion fee part of the solution. In this respect, Eurocities has been a valuable organization in helping to put pressure on the national governments and EU.”
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Heidelberg, Germany
“The new Heidelberg fire station sets new energy and environmental standards. Built and insulated according to the passive house standards, it consumes less than 15 kilowatt hours for heating energy per m² per year, equivalent to 1.5 litres of heating oil. Photovoltaic facilities produce 49,000 kilowatt hours of electricity per year, so the building is virtually self-sufficient.”
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Dortmund, Germany
“We have no local project without energy efficiency. Westphalia Halls Dortmund for instance was the winner of the EuroSolar Energy Award in 2005 in the category Owners or Users of Installations utilising Renewable Energies.”
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Murcia, Spain
“As a consequence of climate change, it is foreseeable that in the coming decades, environmental issues with a worldwide impact will arise. Scenarios predicted by scientists indicate that southern Europe will be particularly sensitive to these phenomena: the most recent analyses indicate a reduction in freshwater resources and increase in soil erosion. It is therefore a necessity that international measures to reduce greenhouse gas emissions be adopted across the board by all involved sectors, i.e.: administration, enterprises and citizens.”
We fight global warming!

Do you?

Freiburg, Germany
“Energy conservation is the most effective way to sustainable climate protection. Freiburg’s standards for thermal insulation are always one step ahead of German laws.”
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Lyon, France
"Alongside other European cities, Lyon is strongly committing to taking up the challenge of climate change using an integrated approach. In Greater Lyon, we concentrate efforts in the field of urban mobility and promoting intermodality in particular. In terms of energy efficiency, we prioritise sustainable social housing and the development of renewable sources of energy."
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Magdeburg, Germany
“As a member of Climate Alliance, the state capital Magdeburg implements climate protection measures in communal processes and actively supports the SolarLokal campaign.”
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Kaunas, Lithuania
“Energy specialists of the municipality are in close cooperation with the Lithuanian Energy Institute to modernise the lighting systems in public buildings and in city streets. These actions are given priority within the Municipal Master Plan, which is valid until 2025.”
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Oldenburg, Germany
“Cities play a key role in climate protection. We should promote and stimulate future-orientated low-energy houses and apply this standard to our municipal building inventory.”

Primary energy demand of this school before retrofitting: 270 kWh/m²a, after: 70 kWh/m²a
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Delft, Netherlands
“Going beyond European and national guidelines, the Delft City Council has set the target of reducing annual CO\textsubscript{2} emissions by 33,500 tons compared to 1999 levels. For the Zuidpoort buildings, this equates to an energy efficiency increase of 30% above the national standards. All stakeholders in the project supported this target.”
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Mörfelden-Walldorf, Germany
“Moerfelden-Walldorf is active in the field of climate protection. Using solar energy is active climate protection. Our programme SolarStadtplan has been communicating this to the general public for many years now with great success.”
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Bielsko-Biała, Poland
“Bielsko-Biała installed heat pumps on its water treatment plant and a recently-built indoor swimming pool. With a payback time of less than 5 years, the municipality could reduce operation costs, as well as reduce the ecological footprint of the city.”
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Münster, Germany
“Since 1990, Münster has carried out a consistent and continuous climate protection policy – so that our city remains as liveable in the future.”
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Frankfurt am Main, Germany
“Frankfurt is the City of Energy Efficiency. We are world champion of passive houses and very successful in the implementation of cogeneration. I invite all to share our experience.”
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Brasov, Romania
“During the Energy Efficiency Week in Brasov, we had a mixture of local and national events. We launched Display and the Energy Info Point in parallel with a national conference on energy efficiency issues. This ensured that experts as well as non-experts were addressed, and it increased the probability that the example will be followed in other regions.”
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Puchheim, Germany
“Enhancing energy efficiency and using renewables are the most effective means for averting climate change. That’s why we combine both in our new school building.”
We fight global warming! Do you?

Rheine, Germany
“In co-operation with its municipal utilities, the City of Rheine implemented a comprehensive solar support programme and installed photovoltaic plants worth a total of 2.5 million Euros on public buildings such as the Rheine municipal outdoor swimming pool.”
We fight global warming!

Do you?

Malmö, Sweden
“In order to combat climate change, we must reduce emissions. Today, 40% of all emissions emanate from buildings, a further 40% originate from modes of transport whilst 20% are the result of industrial activity. Given that cities are where buildings and traffic are most dense, they play a key role in any successful strategy.”
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Trier, Germany
“Climate protection is a global responsibility, which can be implemented most effectively at local level in co-operation with qualified participants.”
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Do you?

Hüfingen, Germany
"As a further step in our engagement for climate protection, a new kindergarten is being built to passive house standards, using techniques like a heat pump and ventilation with heat recuperation."
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Zwischenwasser, Austria
“Vision Statement of Zwischenwasser on Energy: The municipality is a ‘lighthouse’ for the citizens in energy questions.”
We fight global warming!

Do you?

Lustenau, Austria
“Investments in soft mobility and green energy have key function in climate protection. Lustenau spends more than 3 million Euros on mobility measures. Being ecological makes economic sense!”
We fight global warming!

Do you?

Leicester, United Kingdom
“With the ambition of reducing CO₂ emissions by 50% by 2025, Leicester established the Climate Change Programme Board Forum and has developed a scheme called Climate Change – What’s Your Plan. So far, 30 local businesses have been assisted to develop their own climate change action plans.”
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Cologne, Germany
“Cologne needs higher walls against flood risk from the Rhine river. We commit ourselves to the reduction of greenhouse gas emissions in our city and worldwide.”
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Kötschach-Mauthen, Austria
“Today we produce 74% of the energy and heat that our community needs. Our aim is to reach 100% by 2020 and to be completely energy self-sufficient.”
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Osnabrück, Germany
“SunArea, Europe’s first register of all the roofs in a city which are suitable for solar power, is online! 26,000 roofs show good/ very good conditions.”
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Düsseldorf, Germany
“The energy-efficient LED technology is trendsetting for city lighting and is to play an important factor in municipal climate protection.”
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Nantes, France
“It is now the right time to accelerate our actions on combating climate change. This can be a contributing factor in facing today’s economic crisis. We, the cities, strongly believe that we cannot delay the fight against climate change.”
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Kaiserslautern, Germany
“Climate protection is a preventive measure for the future existence of our citizens, a creation of local value and economic promotion for Kaiserslautern.”
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Ludwigshafen a. Rh., Germany
“Lu-teco is one of the biggest office complexes to date constructed to the passive house standards. Innovatively, we combine technology, sustainable urban development and climate protection.”