SERVICE & KOMPETENZ ZENTRUM
KOMMUNALER KLIMASCHUTZ

CLIMATE ACTION AWARD FOR LOCAL GOVERNMENT

An award given by the Federal Environment Ministry and the Service and Competence Centre: Local Government Climate Action

Exemplary local government projects for emulation

Supported by:

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

based on a decision of the German Bundestag

NATIONAL CLIMATE INITIATIVE

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CLIMATE ACTION AWARD FOR LOCAL GOVERNMENT

Together with the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), the "Service and Competence Centre: Local Government Climate Action" (SK:KK), based at the German Institute of Urban Affairs (Difu), organises the annual "Climate Action Award for Local Government" in cooperation with the Association of German Cities, the German County Association and the German Association of Towns and Municipalities. The aim of the award is to honour German municipalities and regions which have carried out exemplary climate action projects.

The award is part of the National Climate Initiative (NKI), through which the Federal Environment Ministry has been initiating and supporting numerous projects on emissions reduction and energy efficiency since 2008. The aim of the Federal Government is a 95 percent reduction of greenhouse gas emissions in Germany by 2050, compared to 1990 levels.

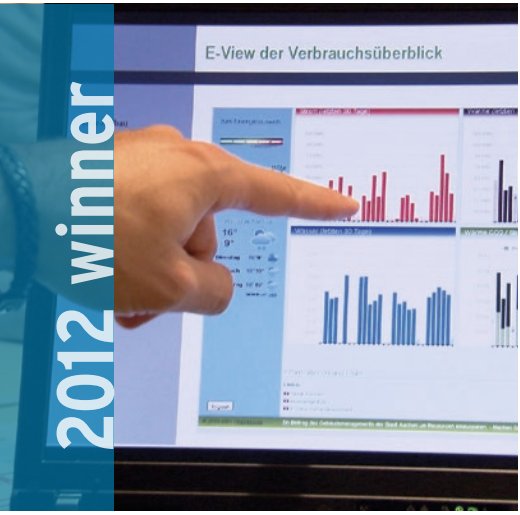
The climate action steps taken in municipalities and regions are of vital importance in reaching eco-political goals. At the same time, the municipalities are faced with the challenge of having to choose effective climate action measures which are suitable for the local environment.

The winning projects from 2012-2014 represent a wide variety of measures available for effective climate action – from climate action in local government properties through cooperation strategies with other relevant stakeholders to public participation initiatives. Other municipalities and regions are urged to learn from and emulate these climate action activities and come up with their own ideas. The successfully completed projects presented in this booklet prove that climate action is worthwhile!

Contents

Category: Local Energy and Climate Action Management

Category: Local Climate Action through Participation



E-View: The Energy Indicator in Aachen

City of Aachen (North Rhine-Westphalia)
Approx. 245,000 inhabitants

By using the online energy controlling system developed by the city, around ten per cent less energy and water is now consumed in local government properties. Especially innovative: building users, as well as interested members of the public, can access the graphically-presented data on the E-View portal and gain information on user behaviour.

Time frame	2007 to 2009, introduction of energy data management. 2009 to 2011, setup of E-View
Systems technology	Monitoring of 196 of 292 local government properties. More than 1,000 measuring points Approx. 67% of the overall heat consumption (53 million kWh) Approx. 67% of the overall water consumption (237 tm^3) Approx. 61% of the overall electricity consumption (11 million kWh)
Amount of energy saved	Approx. 9–10%
Decrease of CO_2 emissions	Approx. 1,800 tonnes of CO_2/year
Other	Low investment measures with an extremely short payback period, exemplary integration of users and members of the public

Middle School Renovation to a Passive House Standard

City of Freilassing (Bavaria)
Approx. 16,000 inhabitants

By renovating the school in an energy-efficient way, the City of Freilassing has significantly exceeded the minimum standards for passive buildings. The building was given a new building envelope, new interior fittings and new in-house facilities, which not only ensure an optimal learning environment, but which also decrease the annual heating requirements by 90 per cent.

Time frame	August 2010 to September 2011
Gross floor area	4,562 m²
Building envelope	Passive house standard, insulation thickness between 36 and 50 cm, vacuum insulated panels for the insulation of the base plate
Systems technology	Ventilation system with heat recovery and a volume flow controller to automatically control ventilation in each classroom, passive cooling and heating through the use of special sun protection slats
Use of renewable energy	Roof-mounted photovoltaic system on an area of around 210 m² (28.5 kW_p, approx. 29,000 kWh/year)
Heating energy demand **Primary energy demand** **Blower door test**	13 kWh/(m²a) 86 kWh/(m²a) (hot water, cooling system, heating, auxiliary and household electricity) 0.26 h^{-1}
Amount of energy saved	90% of the annual heating energy demand
Decrease of CO_2 emissions	Approx. 172.5 tonnes of CO_2/year
Other	Re-use of building materials, rainwater infiltration, multifunctional use of the building, waterless urinals, wheelchair accessibility

Passive House Primary School with Plus Energy Option

City of Hohen Neuendorf (Brandenburg)
Approx. 24,900 inhabitants

With its newly-constructed passive house primary school, the city has managed to combine renewable energy with energy efficiency and energy conservation. Unlike a standard building, this building manages to emit around 240 tonnes of CO_2 less a year. The life-cycle analysis during construction and the Plus Energy building concept also showed a logical and forward-thinking approach.

Time frame	2008 to 2011
Useable or gross area	Gross floor area 7,414 m²
Building envelope	Passive house standard with a thermal transmittance rate of less than 0.15 W/(m²K), insulating layer thicknesses of around 20 to 30 cm and triple-glazed windows, thermal transmittance rate of approx. 0.8 W/(m²K)
Systems technology	Hybrid ventilation with heat recovery, use of daylight, lighting control, free cooling
Use of renewable energy	Pellet boiler and photovoltaic system, pellet boiler heating system being planned
Heating energy demand (PHPP)	15 kWh/(m²a)
Warm water demand	6.1 kWh/(m²a)
Total energy for heating (incl. hot water)	35.7 kWh/(m²a)
Electricity requirement	7.2 kWh/(m²a)
Total primary energy demand	23.6 kWh/(m²a)
Total primary energy supply	18.1 kWh/(m²a)
Decrease of CO_2 emissions	Approx. 240 tonnes of CO_2/year
Other	Life-cycle analysis, certified by the Assessment System for Sustainable Building for Federal Buildings (BNB), high level of user comfort

New Construction of the Passive House St. Silvester Kindergarten

City of Hüfingen (Baden-Württemberg)
Approx. 7,500 inhabitants

By reconstructing the kindergarten into a passive house, the City of Hüfingen has consistently placed great importance on a climate-friendly conversion. The building combines energy efficiency with renewable energy, and thus reduces its annual CO_2 emissions by around five tonnes. Local citizens helped out with the new construction by putting in 700 volunteer hours.

Time frame	September 2008 to December 2009
Useable or gross area	Usable area in the building 282 m²
Building envelope	Passive house standard; timber construction for exterior walls with a cellulose insulation of 20 cm, thermal transmittance rate: 0.145; triple-glazed windows, thermal transmittance rate: 0.9
Systems technology	Automatic ventilation system with heat recovery, underfloor heating
Use of renewable energy	Brine/water heat pump with a ground heat exchanger in the garden with a seasonal performance factor of 4.24
Heating energy demand **Primary energy demand** **Electricity consumption**	14 kWh/(m²a) 36 kWh/(m²a) 3,000 kWh
Decrease of CO_2 emissions	Approx. 5 tonnes of CO_2/year
Other	Meets the criteria for ecological construction and procurement, citizens put in volunteer hours

Energy-efficient Conversion of the Data Centre

City of Cologne (North Rhine-Westphalia)
Approx. 1 million inhabitants

The City of Cologne has converted the municipal data centre in an energy-efficient way. It also merged it with the Rhineland Regional Association IT Centre in order to benefit from synergy effects. In addition to using an efficient energy supply, the city developed a sophisticated climate control concept and integrated an intelligent control system for the building fittings.

Time frame	August 2010 to April 2012
Systems technology	Free indirect cooling due to the installation of EC fans in the heat exchangers, server cabinets, uninterruptible diesel-dynamic power supply system, magnetic-bearing vapour-compression refrigeration system, regular and emergency power supply and distribution
Electricity consumption	Approx. 4.7 GWh/year
Decrease of CO_2 emissions	Approx. 250 tonnes of CO_2/year
Operating cost savings	Around 120,000 euros annually
Other	Fire protection technology, burglar alarm system, access control system

Energy-efficient Restoration and Conversion of a Historical Building into the City Library

City of Schleiz (Thuringia)
Approx. 9,000 inhabitants

By converting a listed historical building into the city library in an environmentally-friendly manner, the City of Schleiz has managed to combine climate action and monument conservation in a special way. Taking into account the historic building's specific circumstances, various energy-efficient and energy-saving measures, along with the use of shallow geothermal energy, ensure a reduction of CO_2 emissions.

Time frame	2009 to 2011
Useable or gross area	Useable area 928 m²
Net floor area	534 m²
Building envelope	Low-energy house standard
Systems technology	Heat pump
Use of renewable energy	Ground heat collector
Heating energy consumption **Total energy consumption** **Total primary energy demand** **Total electricity consumption according to invoice**	11,769.69 kWh/year 29,919.50 kWh/year 77,790.67 kWh/year 26,159.73 kWh/year
Decrease of CO_2 emissions	Approx. 12 tonnes of CO_2/year (compared to the minimum set by the Energy Saving Ordinance EnEV 2009) Approx. 54 tonnes of CO_2/year (book value, compared to the amount emitted before the restoration)
Other	Monument conservation

2012 winner

Energy Upgrades to the Technical College

Steinfurt County (North Rhine-Westphalia)
Approx. 443,000 inhabitants

By integrally upgrading the Technical College and the sports hall, Steinfurt County has been able to double the energy efficiency of the entire building complex. The sophisticated energy concept convinces with its climate-friendly and user-friendly focus. Especially innovative: a specially-developed "climate wall" which provides ventilation, heating and cooling.

Time frame	2009 to 2011
Gross floor area	10,500 m^2 (school) and 2,400 m^2 (sports hall)
Building envelope	Double-wall construction with rear ventilation, 140 and 160 mm-thick insulation respectively, windows with an average thermal transmittance rate of 1.3 watts/(m^2K)
Systems technology	"Climate wall" which provides ventilation, heating and cooling (with heat recovery)
Use of renewable energy	Biogas from a block-type thermal power station and a local heating network (significant increase of the percentage of the use of renewable energies in the shared local heat network due to the reduced heating demand for the property)
Heating energy demand (not including ventilation)	24 kWh/(m^2a)
Heating energy consumption (incl. hot water)	501 MWh (before upgrades: 1,185 MWh)
Electricity consumption	220,000 kWh (before upgrades: 360,000 kWh)
Decrease of CO_2 emissions	Approx. 300 tonnes of CO_2/year
Other	"Integral Upgrade of Schools" manual

Geothermal Climate Control in the Data Centre

Vorpommern-Greifswald County
(Mecklenburg-Vorpommern)
Approx. 177,000 inhabitants

Vorpommern-Greifswald County has developed an exemplary cooling system for the district administration's server technology: the server room is cooled using shallow geothermal energy produced by downhole heat exchangers. This has led to energy savings of 80 per cent, compared to regular compression cooling systems.

Time frame	April 2010 to August 2011
Systems technology	Shallow geothermal energy produced by downhole heat exchangers, thermal regeneration of the ground through seasonal heat exchange
Use of renewable energy	Geothermal energy
Cooling capacity supply	A constant of 15 kilowatts
Decrease of CO_2 emissions	Around 24 tonnes of CO_2/year
Operating cost savings	Around 13,000 euros annually

Strong Together – Establishment of a Municipal Energy Agency

City of Bonn (North Rhine-Westphalia)
Approx. 320,000 inhabitants

The City of Bonn, along with a multitude of local and regional stakeholders, founded the "Bonn Energy Agency". Homeowners are able to obtain a free initial consultation on the topic of energy-efficient renovation of buildings. Know-how is pooled among agency members, enabling comprehensive information and consulting services.

Project	Founding of a municipal energy agency together with a multitude of local stakeholders
Objectives	Initiating measures for the energy-efficient renovation of buildings, while promoting the local economy
Cooperation partners	22 organisation members: in addition to the initiator, the City of Bonn, it includes the local chamber of industry and commerce, various craft guilds, the local power company, homeowner and tenant organisations, the consumer organisation, architects' associations and financial institutions
Time frame	Political positioning of points in 2010, planning of the concrete structure and financing, including hiring the managing director in early 2011, launch in June 2012
Offer	Free and neutral initial consultation for property owners on the topic of energy-efficient renovation of buildings and qualified referrals to other offers or services
Decrease of CO_2 emissions	Approx. 430 tonnes of CO_2 to date

Socially Responsible Energy Upgrades to the "Garden City Drewitz"

State Capital of Potsdam (Brandenburg)
Approx. 161,000 inhabitants

The State Capital of Potsdam has developed and implemented extensive cooperative working structures to implement socially responsible energy upgrades in the tower block neighbourhood of Drewitz, turning it into a "Garden City". The result is a successful combination of energy upgrades and a stronger social infrastructure in the neighbourhood.

Project	Implementation of the "Garden City Drewitz" concept, along with a multitude of stakeholders
Objectives	To increase the appeal of the district by reorganising traffic and open spaces, renovating flats in a socially-responsible manner and bolstering the social infrastructure
Cooperation partners	Residents, building companies, public services, the public transport company, social services
Time frame	Since 2010
Offer	Informing and involving the residents, implementing many different individual projects with various stakeholders, comprehensive energy-saving measures
Decrease of CO_2 emissions	Approx. 740 tonnes of CO_2/year

EnergyPLUS Technology House – Making Climate Action Visible Together

Schwalm-Eder County (Hesse)
Approx. 179,000 inhabitants

The "EnergyPLUS Technology House" is a successful cooperation project which links efficient energy supply and environmental education. After renovating the building and turning it into a passive house, it has now become an innovative learning and information centre for vocational school pupils and other interested parties. Many different renovation technologies are presented and communicated here.

Project	Conversion of an existing building into a passive house, which serves as a model house for renewable energies and sustainability
Objectives	Innovative and modular renovation technologies for educational purposes and training; making information-sharing more visible
Cooperation partners	Vocational school pupils and teachers, regional enterprises and craft businesses, educational establishments
Time frame	Concept planning: 2009, construction phase: 2010 to 2014
Offer	Seminar and utility rooms for the education and training of regional professionals; events organised by and for experts (planners, architects); lectures, information events and seminars for various target groups (e.g. kindergartens and schools)
Decrease of CO_2 emissions	Approx. 12 tonnes of CO_2/year compared to a conventional schooling building with a surface area of approximately 300 m^2

Bioenergy and Climate Action

Achental Region (Bavaria)
Approx. 32,000 inhabitants

In order to reach the ambitious goal of being energy self-sufficient by 2020, nine municipalities in the Achental Valley worked together to found the "Eco-Model Achental" association. This cooperation has already led to the implementation of numerous climate action projects and measures by and for the region.

Project	Bioenergy and climate action in Achental through the establishment of an inter-municipal association
Objectives	To become energy self-sufficient by 2020 and to strengthen the regional added value
Time frame	Since 1999
Cooperation partners	Nine municipalities in Achental: Bergen, Grabenstätt, Grassau, Marquartstein, Reit im Winkl, Schleching, Staudach-Egerndach, Übersee and Unterwössen; citizens, enterprises, associations
Offer/Measures	Implementation of climate action projects, energy consultations and further education for community members

2012 winner

Zero-emission County

St. Wendel County (Saarland)
Approx. 91,000 inhabitants

In order to reach its ambitious goal of becoming a zero-emission county by 2050, the county has established a comprehensive cooperation network. The "Climate Action" steering committee, the "Future Energy Network St. Wendel County" association and the "Energy Project Company St. Wendel County" bring together important stakeholders from the world of politics, economics and society.

Project	Zero-emission county by 2050
Objectives	Achieving financial CO_2 neutrality by 2050; 55 per cent reduction of CO_2 by 2030; increase of climate action, regional added value and regional identity
Time frame	Resolution of the overall concept in every municipality in 2011
Cooperation partners	The county, local municipalities, numerous stakeholders from the world of politics, economics and society
Offer/Measures	Founding of various organisations to ensure networking, cooperation, project planning and implementation on a broad scale

35 Years of Successful Energy and Climate Action Management

City of Gladbeck (North Rhine-Westphalia)
Approx. 76,000 inhabitants

The City of Gladbeck first started the energy and climate action management programme 35 years ago, and has consistently developed it into a comprehensive and structured concept. The programme rests upon three pillars: preventative energy management, continuous controlling of the consumption and technical energy conservation measures.

Project	35 years of successful energy and climate action management
Objectives	Reducing energy consumption and increasing energy efficiency in municipal buildings
Time frame	Since 1978
Measures	The energy management programme rests upon three pillars: • preventative energy management, • continuous controlling of the consumption, as well as • technical and structural energy conservation measures
Cooperation partners	Local power companies, local water companies and wastewater disposal companies
Decrease of CO_2 emissions	Approx. 10,000 tonnes of CO_2/year (reference year 1978)

Optimising Heating Systems through Low-investment Measures

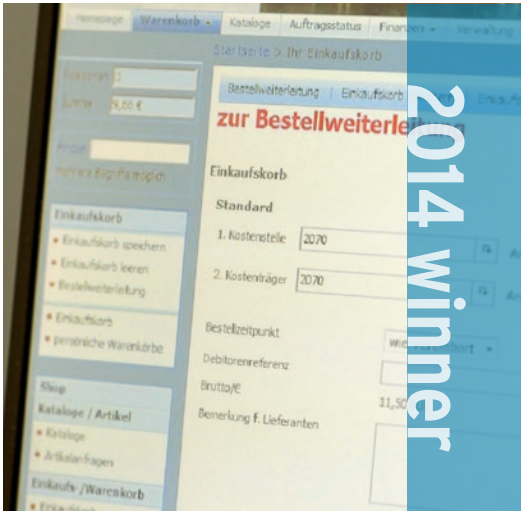
Hanseatic City of Lübeck
(Schleswig-Holstein)
Approx. 214,000 inhabitants

To tackle the high levels of energy consumption in buildings owned by the city, the Hanseatic City of Lübeck set up the Energy Management Department, which consists of three staff members. By applying low-investment measures (17,000 euros worth of material resources), they were able to save more than 250,000 euros in energy costs in 2012 alone.

Project	Energy management by implementing mainly low-investment measures for the optimisation of heating systems
Objectives	Saving energy without having to make any large investments
Time frame	Since 2010
Measures	Ranging from low to non-investment measures for the optimisation of the municipal heating systems by adjusting heating times to the times of use, the synchronisation of heating curves to structural features, the reduction of connection sizes to keep district heating to a minimum and the optimised coordination of pumps
Cooperation partners	Climate action control centre, local craft businesses, manufacturers of pump and flow technology systems
Decrease of CO_2 emissions	Approx. 800 tonnes of CO_2/year

Climate-friendly Procurement and Contract Tendering

State Capital of Mainz
(Rhineland-Palatinate)
Approx. 200,000 inhabitants



The activities undertaken by the state capital to achieve climate-friendly and sustainable procurement go far beyond the legal requirements. Mainz convinces with a comprehensive concept aiming to make the full range of municipal procurement sustainable – from paper recycling through the management of the vehicle fleet to the construction of new municipal buildings.

Project	Implementing measures to ensure climate-friendly procurement and contracting in the city administration
Objectives	Decreasing energy and CO_2 consumption, taking over social responsibilities, promoting sustainable suppliers
Time frame	Since 2007
Measures	A comprehensive approach, through which all municipal procurements based on political resolutions, the corresponding information and training of employees and the electronic procurement system are made more climate-friendly and sustainable
Cooperation partners	Group purchasing organisations with neighbouring municipalities, in order to negotiate more favourable purchasing conditions
Decrease of CO_2 emissions	Approx. 7,200 tonnes of CO_2/year solely by switching to sustainable energy in many state properties

Interior Insulation of Listed Buildings

City of Nuremberg (Bavaria)
Approx. 513,000 inhabitants

The city is a pioneer when it comes to the energy-efficient renovation of listed buildings by systematically using interior insulation. They city demonstrated the success of its approach in a pilot project. Since then, this process has become an integral part of the city's renovation planning.

Project	Energy management, focusing on interior insulation of municipal listed buildings
Objectives	Optimising the insulation of the building envelope, while maintaining the exterior facade; taking comfort, costs and CO_2 emissions into account
Time frame	Since 2000
Measures	Pilot project to determine whether interior insulation can be installed without causing any damage to listed buildings, establishing interior insulation as part of the municipality's energy management programme and everyday planning process, academic support
Cooperation partners	Various technical schools
Decrease of CO_2 emissions	Approx. 120 tonnes of CO_2/year

New Employee Sensitisation Programmes on Climate Action

Reutlingen County (Baden-Württemberg)
Approx. 276,000 inhabitants

The county launched two innovative campaigns to raise awareness among its employees and to show them various ways of reducing climate-damaging greenhouse gases: from how to heat and ventilate properly through the "sustainable shopping basket" to energy-saving driving.

Project	Two campaigns to inform the county administration on the careful use of energy
Objectives	To motivate county employees to take climate action into account in their everyday working lives
Time frame	October 2013 to February 2014, still on-going
Measures	Two successive campaigns: The "Virtual Climate Week" with a climate quiz and the guideline campaign "Take Climate Action Seriously"
Cooperation partners	None, as it's a purely internal project for the county administration
Decrease of CO_2 emissions	Not quantifiable, as it deals with "soft" measures

Ten Years of Municipal Energy Management

Stendal County (Saxony-Anhalt)
Approx. 122,000 inhabitants

With its centrally-organised energy management, Stendal County shows how successful climate action can be, even on a tight budget. In order to reduce the consumption of thermal energy, electricity and water, numerous technical and user-related measures have successfully been implemented since 2002, most of which require little or no investment.

Project	Testing and implementing a centralised, county-wide energy management system for local government properties
Objectives	Reducing heat, energy and water consumption without undertaking any large investments
Time frame	Since 2002
Measures	Administrative restructuring, creation of an HR department for energy management, implementation of technical and behavioural measures promoting thermal energy, electricity and water conservation
Cooperation partners	None, as it's a purely internal project for the county administration
Decrease of CO_2 emissions	Approx. 1,150 tonnes of CO_2/year (from 2002 to 2012)

Umbrella Brand "Climate is a Home Match"

City of Dortmund (North Rhine-Westphalia)
Approx. 580,000 inhabitants

Using the umbrella brand "Climate is a Home Match", local factors were put to good use to attract the citizens' attention. The umbrella brand fulfilled its objectives of raising awareness for the city's climate action projects, while supervising them and informing citizens about different forms of climate action. In order to keep costs low, the city opted for cooperation and synergies and combined the campaign with other activities.

Project	Development, introduction and establishment of a municipal umbrella brand for climate action
Objectives	To show where climate action is taking place in Dortmund and who is involved
Time frame	Since May 2012
Offer/Activities	Development, introduction and establishment of a municipal umbrella brand through hands-on activities for citizens, such as at the "Climate Parade" in the city centre; an online climate action campaign; an online Advent calendar; an online CO_2 game; climate-friendly giveaways; support for climate action campaigns, such as the WWF Earth Hour; online campaign bulletin on the homepage; articles in staff magazine
Cooperation partners	Around 100 regional climate action stakeholders

Participatory Event "200 Families Active for the Climate"

City of Freiburg im Breisgau
(Baden-Württemberg)
Approx. 214,000 inhabitants

Over the course of a year, the city raised awareness in households for a CO_2 and resource-saving lifestyle, while motivating people to get involved. Due to the dissemination of the project content on the municipal website, as well as through various media and cooperation partners, the campaign has had a multiplier effect and served as a model.

Project	Climate action participatory campaign for 200 families in Freiburg
Objectives	Making climate action part of citizens' everyday lives, and getting them to question and change habits in terms of consumption, nutrition, mobility and energy. Through this project, the City of Freiburg has taken on the approach of its French sister city Besançon, and adapted and developed it further to meet local conditions
Time frame	May 2011 to July 2012
Offer/Activities	Individual consultations on how to save energy in participating households, an interactive exercise book, numerous events, experiments to conduct as a family, exchange with families which participated in the preceding project in the French sister city of Besançon
Cooperation partners	Regional power companies, the forestry office, municipal waste management and city cleaning, associations, institutes, foundations, initiatives and projects, the local "Agenda 21" office, the French cultural centre, the planetarium, the music school, farms, the city library, municipal transport companies, the environmental education centre, the adult education centre

"Lucy Trilogy" – Children's and Youth Theatre for Climate Action

City of Hagen (North Rhine-Westphalia)
Approx. 188,000 inhabitants

The Hagen Children's and Youth Theatre "lutzhagen" has developed and staged a theatrical trilogy about Lucy, the killer mosquito, which explains climate action, climate change and sustainability to children in a fun way. Through funds provided by sponsors, young viewers were able to attend a free theatre performance.

Project	"Lucy Trilogy" – children's and youth theatre for climate action
Objectives	Creating awareness among children and changing children's behaviour with regard to climate action, climate change and sustainability
Time frame	2010 to 2014
Offer/Activity	Develop, perform and provide pedagogical support for a theatre trilogy for children. In addition to the theatre visit, there are accompanying materials to encourage children to lead a sustainable life
Cooperation partners	The municipal environmental agency, sponsors, schools and day-care centres

"Climate Island" – Sustainable Tourism and CO_2 Reduction

Juist Island Municipality (Lower Saxony)
Approx. 1,700 inhabitants

The municipal administration started the "Climate Island" project in 2010 to motivate the entire island population to participate in climate action activities: young and old, locals and tourists, businesses and local administration. The goal is ambitious: the car-free island in the North Sea would like to become climate-neutral by 2030.

Project	Sustainable tourism and CO_2 reduction
Objectives	Raising awareness and motivating the island community to achieve the goal of becoming climate-neutral by 2030
Time frame	Since 2010
Offer/Activity	Information, motivation and offers for businesses to reduce energy and CO_2 consumption – especially within the core tourism sector; special offers for local and visiting children; informational brochures for locals and tourists; locating energy-relevant weak spots in administrative buildings and implementing energy-saving measures (energy-saving lamps, decreasing the heating output by reviewing the utilisation time); providing training and information for public administration staff
Cooperation partners	Research institute, regional power companies, environmental protection associations, NGOs

Major Climate-friendly Event – Hesse Day 2013

City of Kassel (Hesse)
Approx. 197,000 inhabitants

The City of Kassel planned and realised the climate-conscious major event "Hesse Day 2013", which was contracted out by the state government. By working with municipal and other stakeholders, they were able to organise a climate-friendly transport infrastructure for all visitors, organise the event in a climate-friendly manner and make climate action the main focus.

Project	Climate-friendly planning and execution of "Hesse Day 2013", a festive event with around 1.8 million visitors; the unavoidable CO_2 emissions produced were compensated for by investments in international climate action projects
Objectives	Extensive CO_2 avoidance, as well as raising awareness among participants on the topic of climate action, clarifying the effect of one's own behaviour on the climate
Time frame	14 to 23 June 2013
Offer/Activity	Mobility management for environmentally-friendly travel and participation conditions; "climate stage" with CO_2-saving technology and a programme focusing on climate action; "climate marketplace", where the local climate action stakeholders presented themselves; "climate mile" with a wide range of activities, e.g. generating one's own energy
Cooperation partners	All city departments and facilities related to climate action, municipal utilities, local and regional transport companies, sanitation department, water supply companies, regional research, education and networking organisations and funding agencies

Citizen's Electric Car

Oberreichenbach Municipality
(Baden-Württemberg)
Approx. 2,800 inhabitants

With its "Citizen's Electric Car" project, Oberreichenbach offers the community a well-thought-out and climate-friendly alternative to public transport in the rural area. Both the volunteer drivers and the users learn about electromobility, while benefiting from improved mobility.

Project	Environmentally-friendly mobility in rural areas with a citizen's electric car that is driven by volunteers
Objectives	The municipality's aim is to provide sustainable mobility in a rural area. The citizen's electric car is an addition to the existing public transport options and has a multiplier effect for electromobility
Time frame	Since April 2012
Offer/Activity	Citizens of Oberreichenbach, as well as visitors, can use the citizen's electric car after booking it via telephone in advance. They will then be picked up and driven by volunteers to their destination for a small fee. Consequently, the town hall is equipped with a photovoltaic system, where the citizen's car battery is charged
Cooperation partners	Volunteers in the local community, sponsors: the local power company, a local car dealership, Calw County

Door-to-door Consultations

City of Offenbach am Main (Hesse)
Approx. 118,000 inhabitants

As part of the "Door-to-door Consultations" campaign, the City of Offenbach offers free, comprehensive advice to owners of detached and semi-detached houses in various districts of Offenbach on how to make their homes more energy-efficient. The project has a well-thought-out and structured concept, which motivates citizens to make their homes more energy-efficient.

Project	Information campaign to promote energy-efficient renovations in building stock
Objectives	Increased renovation rates, leading to a reduction in CO_2 emissions, increased awareness among citizens on the topic of climate action
Time frame	December 2010 to March 2015
Offer/Activity	A free and comprehensive information service for homeowners in five districts of Offenbach with information evenings on making one's home more energy-efficient; thermal images and on-site advice regarding renovation options; free energy consulting at the municipal administration offices, even for homeowners who are not in the consultancy areas
Cooperation partners	"Energy-saving Initiative Offenbach": an initiative run by local energy-related businesses

Citizen's Participation "Sustainable Mobility" for a Good Climate

Sulzbach Municipality (Taunus) (Hesse)
Approx. 9,000 inhabitants

The "Sustainable Mobility" project in Sulzbach stands for exemplary civic participation when it comes to sustainable transport development in the municipality. It especially convinces through its structured approach, from idea generation to the implementation of individual projects in various working groups, as well as through its successful mobilisation of numerous citizens.

Project	Exemplary public participation on the topic of sustainable transport development in the area
Objectives	To make mobility in the community as compatible, climate-friendly and sustainable as possible
Time frame	Since February 2013
Offer/Activity	The organisation of various civic workshops, enabling numerous community members to actively participate; establishment of civic working groups, which are supported by the municipal administration; development and implementation of individual projects by the working groups; realisation of a "Sustainable Mobility Day" to inform all citizens on the project development, while offering many hands-on activities
Cooperation partners	Regional institutions

CO_2-Marathon

State Capital of Wiesbaden (Hesse)
Approx. 277,000 inhabitants

Through the online campaign "CO_2 Marathon Wiesbaden", the State Capital of Wiesbaden is calling upon its citizens to commit to climate action measures in their everyday lives per "mouse click". The aim is to save a total of 100 tonnes of CO_2. Through this online campaign, the state capital has managed to raise awareness among youth and adults on the topic of climate action.

Project	Online campaign to get citizens to commit to climate action in their everyday lives
Objectives	Raising awareness and motivating citizens – especially youth – to behave in a climate-friendly manner in their everyday lives; around 100 tonnes of CO_2 shall be saved through the citizens' commitment to climate action
Time frame	Since March 2012
Offer/Activity	Selection of 25 different climate action campaigns to encourage self-commitment listed on the campaign's website www.co2marathon.org, a certificate for participants, visualisation of the total amount of CO_2 emissions saved, the number of participants and activities, complementary offers from sponsors to support climate action measures
Cooperation partners	Local power suppliers, savings bank, craft business, steelwork company, chemist, digital agency

Imprint & Picture Credits

Imprint

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The Federal Environment Ministry's (BMUB) National Climate Initiative (NKI) provides local governments with extensive support for local climate action. Through a special support programme, which is tailored to the requirements and needs of local governments, financial subsidies are available for many different kinds of projects: from the initial consultation through the development and implementation of a climate action concept to the investment measures. To allow local governments to use these funds and realise their climate action commitments, the National Climate Initiative also offers strategic support through various individual projects. The Service and Competence Centre: Local Government Climate Action (SK:KK) based at the German Institute of Urban Affairs (Difu), was commissioned and supported by the BMUB. The SK:KK advises local governments on all aspects of climate action, provides information on funding opportunities, conducts specialist events, supports the networking of stakeholders, produces publications and organises the yearly "Climate Action Award for Local Government".

www.klimaschutz.de/kommunen