

Energetic Offers

- » Field trips (pupils, experts, interested persons)
- » Events in «Festsaal» (workshops, conferences etc.)
- » Tourist energy packages
- » Ecological energy offers for tourist
- » Guided tours to renewable energy plants
- » Renewable Energy Exhibition «learning by doing»
- » Test drive of electric vehicles (on demand)

Energy information point City Hall

«Energie:autark Kötschach-Mauthen»
association

Kötschach 390
9640 Kötschach-Mauthen, Austria
Phone +43 (0) 47 15/85 13-36
Fax +43 (0) 47 15/85 13-30
info@energie-autark.at
www.energie-autark.at

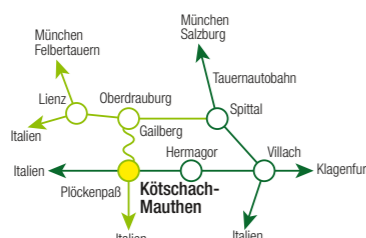


Opening hours:
Monday–Friday
8:00 to 12:00 a.m. and 13:00 to 17:00 p.m.

Tourist information office

Kötschach-Mauthen
aufregend unberührt

Rathaus 390
9640 Kötschach-Mauthen
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Multifunctional Energy Center

The project «Multifunctional Energy Center», which was carried out in cooperation with JOANNEUM RESEARCH Forschungsgesellschaft mbH from Graz, developed a concept to use renewable energy for heat, power, cooling and fuel supply. The Energy Center will provide an example of best practises that could be adopted by other communities and regions. To offer renewable energy experiences in Kötschach-Mauthen and bring together all the efforts to meet the energy self-sufficiency vision, a strategy for the diffusion of Ecological Energy Tourism was developed additionally. This strategy should support to make Kötschach-Mauthen well known in Austria and international.

This project was funded by



Project work by



Cooperation with and funded by



Kötschach-Mauthen
aufregend unberührt



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Energie:autark Kötschach-Mauthen

Kötschach-Mauthen is a pioneer in using renewable energy. The local energy utility «AAE Naturenergie» was awarded the «European solar prize» for their best practise energy projects in 1995. Several biomass district heating systems, one biogas plant with combined heat and power production, Carinthian's only wind power plant, 21 small hydro power plants and several photovoltaic and thermal solar plants provide heat and power using regional resources.

The community Kötschach-Mauthen founded in May 2008 the «energie:autark Kötschach-Mauthen» association and developed an energy vision to meet energy-self-sufficiency by 2020. Even today in Kötschach-Mauthen a large share of heat and power is produced using regional resources. Thus results in an energy-self-sufficiency coefficient of about 75 %. Based on statistics and preview of «Energy balance 2008–2020» an energy-self-sufficiency coefficient of 130 % could be achieved by 2020, which means that regional energy production will exceed energy demand.

Kötschach-Mauthen was awarded several prizes e.g. Energy Globe Award Carinthia category fire 2008.

Kötschach-Mauthen is partner in several projects supporting to meet the vision of energy self-sufficiency by 2020 (e.g. LEADER-project).

Examples for energetic activities

- » Organisation of public energy consulting and information days
- » Kötschach-Mauthen community funds for renewable energy
- » Member Climate Alliance Austria
- » Member Companies of Climate Alliance Austria
- » Member «e5-programme for communities»
- » Organisation of Solar Days 2008 and 2009
- » Participation «Austrian Climate Tour 2009»
- » Presentation in OEKONEWSCALENDAR 2009
- » Presentation at annual conference of Energie-Cités in Brussels

MIT UNTERSTÜTZUNG VON BUND, LAND UND EUROPÄISCHER UNION



Energy experience Kötschach-Mauthen



Lerngarten – Renewable Energy Exhibition

«learning by doing»

Experimental area of 300m² for schools! This is the first Austrian Renewable Energy Exhibition «learning by doing» in Kötschach-Mauthen, that is based on the educational concept of «experience teaching». This concept focuses on explorative and action oriented learning and supports non-formal education for school classes (1st to 8th level). They might book a visit of this experimental area of renewable energy. A «Carrera model circuit», which is driven by muscle power, a tackle, a home trainer (visitors produce electricity to run a radio), and a lot of fascinating experiments are part of the Renewable Energy Exhibition. The intentions of the exhibition concept are to amaze, to arouse curiosity, to discover, to touch, to understand, to get experience and to research. Information about renewable energy from water, wind, solar and biomass, and energy saving is easy to understand for visitors. A journey for children and grown ups to discover the exciting world of renewable energy.



Infos

Detailed information about visits, guided tours and booking:
 Energy information point City Hall of the
 «energie:autark Kötschach-Mauthen» association.
www.energie-autark.at
info@energie-autark.at

Energy Experience Kötschach-Mauthen



Wind turbine Plöckenpass



Obergailtaler biomass district heating plant



One of three ecologic reservoirs



Energy information point City Hall



Hydro-Solar power plant



Model bioenergy heat Alpencamp



Biogas plant Würmlach



Energy self-sufficiency district hospital Laas

Lighthouse projects

Solar Power Plant City Hall

- » Photovoltaic (PV) plant: 141 m², 20 kW_p power
- » Installation by the Community with civic participation and renewable energy utility «Alpen Adria Energie GmbH»
- » Display shows electricity production, charging station.



E-Mobility

- » Discover Kötschach-Mauthen with electric bikes, scooters and vehicles. Preparations for leasing of electric vehicles are made.
- » Today test drive of electric scooters is possible on demand.



Drinking water power plant

In future a special reverse pump turbine (18 kW) will be installed in the pressure pipe from «Mauthner Alm» (alpine pasture) and will produce 135 MWh electricity.

