



LIFE and energy

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LIFE

→ **Objective:** Contribute to the development of innovative and integrated techniques and methods and to the further development of Community environment policy with demonstration projects in the following fields:

- sustainable development in land-use, urban and coastal areas,
- sustainable management of groundwater and surface water
- clean technologies, reduction of emission of greenhouse gases
- prevent, reuse, recover and recycle waste, management of waste streams
- reduce the environmental impact of products

→ +/- 1500 energy related LIFE projects from 1992 to 2006





LIFE by theme

→ <http://ec.europa.eu/life>

→ [Energy](#)

- Programme publications
- **Projects** (lists of projects with links to more information)
- **Best projects**
- Videos
- LIFEnews features
- **LIFE project publications**

The screenshot shows the LIFE website interface. At the top, there is a navigation bar with links: HOME, NEWS, FUNDING, PUBLICATIONS, TOOLKIT, CONTACT, and SITE MAP. Below this is a banner image of a sunset over a city. The main content area is titled 'Energy & climate' and includes a sub-header 'Home | LIFE by theme: Energy & climate'. The text describes LIFE projects on energy and climate, including energy production, renewable energy technologies, and energy efficiency. It also mentions that this section offers a selection of energy and climate projects and their results. On the right side, there is a box with the text: 'For yet more examples of projects funded by the programme, visit the LIFE project database.' Below the text, there are six icons representing different content types: Programme Publications, Projects, Best Projects, Videos, LIFEnews features, and LIFE project publications. At the bottom of the page, there is a footer with the text: 'Last updated: 12/03/2008', 'E-mail this page', and 'TOP ↑'. The 'LIFE by theme' menu item is circled in red.



LIFE publications

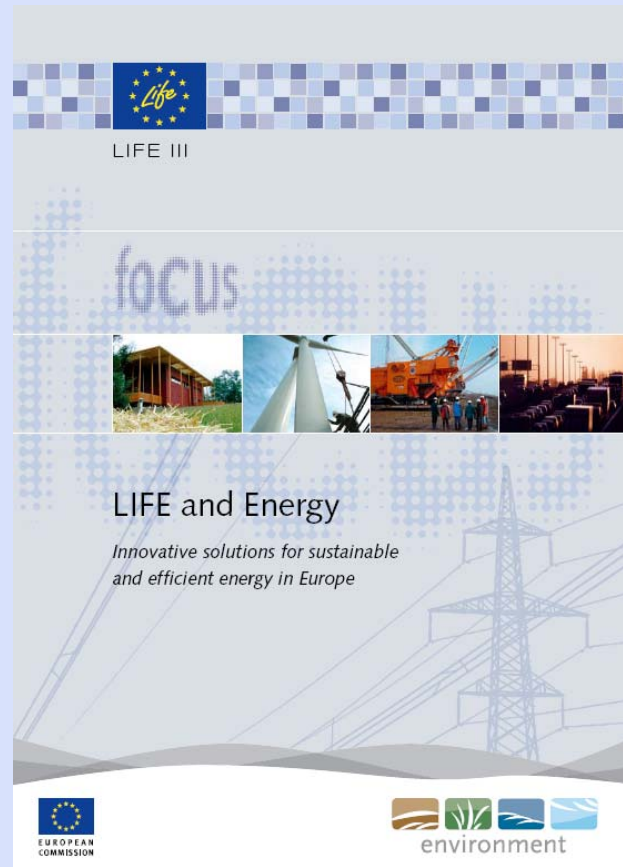
→ LIFE programme publications

- Thematic publications
 - LIFE Focus publications:
LIFE and energy

- Yearly compilations of LIFE projects
- Best projects

→ LIFE projects publications

- Thematically grouped





ECOBUS project

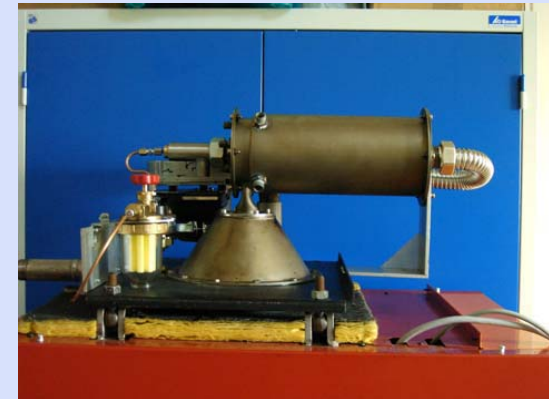
- Valencia's city buses bio-fuelled with reused cooking oil
- Country: Spain
- LIFE contribution: 798.000 € (total budget: 1.677.000 €)
- Duration of the project: 1 Nov 2002 to 1 Nov 2004
- [Web summary](#), [project Website](#), [video](#), [Layman's report](#)





VAPO project

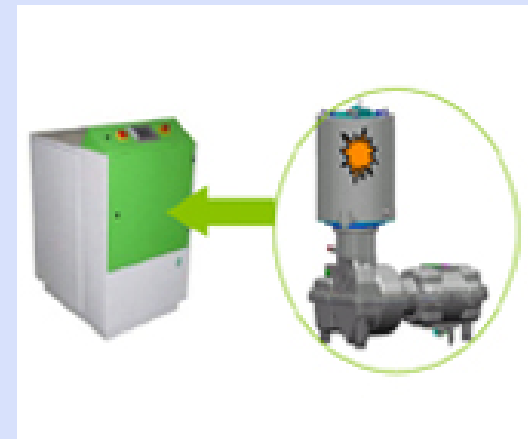
- Oil-Porous-Burner system with integrated vaporizer unit
- Country: Germany
- LIFE contribution: 433.000 € (total budget: 1.452.000 €)
- Duration of the project: 1 May 2003 to 31 Mar 2006
- [Web summary](#), [project website](#), [Layman's report](#)





STIRLING MOTOR project

- Miniature block-type thermal power station based on a long-life Stirling motor
- Country: Germany
- LIFE contribution: 640.000 € (total budget: 2.141.000 €)
- Duration of the project: 1 Feb 1999 to 31 Dec 2003
- [Web summary](#), [Layman's report](#)





ENERWASTE project

- Bio-energy derived from abattoir waste
- Country: Spain
- LIFE contribution: 64.000 € (total budget: 348.000 €)
- Duration of the project: 1 Feb 2002 to 31 Oct 2003
- [Web summary](#), [video](#)





BBMpassiv project

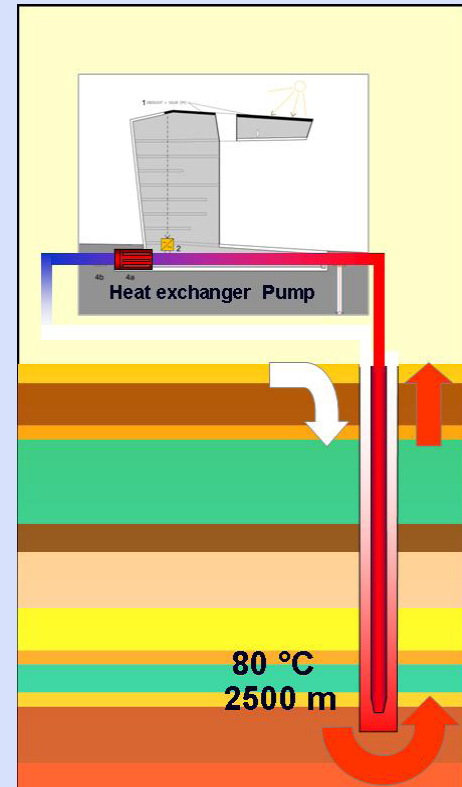
- Sustainable construction comes full circle
- Country: Austria
- LIFE contribution: 777.000 € (total budget: 2.150.000 €)
- Duration of the project: 1 Dec 2001 to 31 Mar 2004
- [Web summary](#)





SuperC project

- Deep heat from renewable energy
- Country: Germany
- LIFE contribution: 1.973.000 € (total budget: 5.141.000 €)
- Duration of the project: 1 Apr 2002 to 31 Mar 2006
- [Web summary](#), [project Website](#), [Layman's report](#),





LIFE+

- New Financial Instrument for the Environment has entered into force in June 2007.
- Budget: **€2.143 billion** (2007-2013)
- First selection procedure launched in January 2008
- LIFE+ projects start as from 1 January 2009
- LIFE+ participation: partnership balanced





LIFE + proposals

- Average project grant of €1 million (EU contribution)
- Duration - usually between 2 and 5 years
- One Call for Proposals per year: **2009 foreseen mid May**
- Eligible countries



Oncoming LIFE+ projects 2007

Belgium:

MénaVal+ (Intercommunale pour le développement économique durable du Luxembourg belge scrl): This project aims to produce a high-quality substitution fuel (Refuse Derived Fuel) from municipal waste and to implement a new industrial **scheme of energy recovery** using high enthalpy heat. A maximum valorisation of the residual stream of collected municipal waste is expected, thereby reducing by more than 50% the weight of disposed waste.

Germany:

PROGRASS (University of Kassel): This project aims to demonstrate a technological- and process-orientated approach to producing **bio-energy** (electricity and solid fuel) from extensive grassland in European Natura 2000 sites. It will demonstrate the technical feasibility and utility of the approach for sustainable grassland biotope protection and the socio-economic development of disadvantaged and marginalised rural regions.



Thank you for your attention!

