

TECHNOLOGY RADAR

The Technology Radar is a free online information tool that can be accessed via the WISIONS website. It identifies those technologies that can meet our energy needs by using renewable energy resources.

The Technology Radar presents not only the technological options but also the related social and economic aspects, which are essential considerations if solutions are to be implemented successfully. It also outlines the technologies' global potential for CO₂ reduction and their potential contribution to achieving the Millennium Development Goals.

The brochures summarise key findings on technological options for meeting basic energy needs and illustrate experiences and lessons learned in the field.



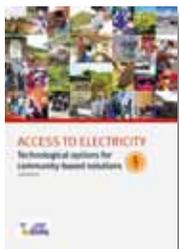
LIGHTING (2013)

Lighting plays a key role in our daily lives and a wide range of efficient lighting technologies exist. This brochure focuses on sustainable lighting solutions.



FOOD ISSUES (2011)

This brochure examines food preparation and food processing technologies that use efficient renewable energy supplies.



ACCES TO ELECTRICITY (2010 / 2013)

This brochure focuses on renewable energy technologies for community-based solutions that provide access to electricity.

CONTACT US

For more information about WISIONS, please visit our website at: www.wisions.net

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Regional Partnerships Sustainable Energy Projects Technology Radar

www.wisions.net





WISIONS

"WISIONS of sustainability" is an initiative by the Wuppertal Institute, supported by the Swiss-based foundation ProEvolution. Its main objective is to make clean energy a default solution for basic energy needs in developing regions. WISIONS has been actively promoting sustainable energy solutions since 2004.

THE MAIN AIMS OF THE WISIONS INITIATIVE ARE:

- To identify and disseminate sustainable energy solutions for basic energy needs
- To help demonstrate innovative approaches to the provision of sustainable energy
- To improve/facilitate knowledge sharing between practitioners and experts

THREE WISIONS ACTIVITIES SUPPORT THIS GOAL:

- **Regional Partnerships & Networks**
- **Sustainable Energy Project Support**
- **Technology Radar & Research**

The transition to sustainable energy provision requires significant effort to find and apply effective implementation strategies for efficient renewable energy technologies. Social and economic barriers are often even more difficult to overcome than technological issues. There is no one-size-fits-all solution, but each initiative, project or programme gives rise to new experiences and knowledge that can help to accelerate the transition process.

REGIONAL PARTNERSHIPS & NETWORKS

Regional partnerships and networks for sustainable energy are an important element of the WISIONS initiative. They are intended to promote the application of specific energy technologies in key regions by facilitating the exchange of experiences and by providing financial support to a number of selected projects.



WINDWORKS

The regional partnership WindWorks aims to promote the development of small-scale wind turbines and to accelerate their implementation by facilitating learning and knowledge exchange among stakeholders in Latin America and the Caribbean. <http://greenempowerment.org/windworks/>



BIOGAS NETWORK REDBIOLAC

RedBioLAC is a network of institutions involved in the applied research and promotion of biogas digesters for the treatment and management of organic waste, as a strategy for improving the wellbeing of Latin American and Caribbean people. <http://redbiolac.org/>



HYDRO EMPOWERMENT NETWORK

The Hydro Empowerment Network aims to facilitate the sharing of knowledge between individuals and organisations active in the field of micro-hydropower. The goal is the broader dissemination and standardisation of this technology in South and South East Asia <http://hydropowerasia.com/>



SOLAR FOOD NETWORK

The Indian Solar Food Network intends to establish a network of interested parties with the aim of developing and promoting efficient methods of solar food processing and conservation. The regional network evolved out of the global network www.solarfood.org.



SUSTAINABLE ENERGY PROJECTS (SEPS)

WISIONS supports innovative energy projects that are environmentally, economically and socially sound as well as fostering knowledge exchanges between practitioners via its supporting scheme **Sustainable Energy Project Support (SEPS)**.

Since its inception in 2004, more than 70 projects around the world have been selected for SEPS support. For a description of all SEPS supported projects, please go to: www.wisions.net/projects.

WISIONS searches specifically for projects that offer innovative solutions and stimulate the productive use of sustainable energy. In addition, projects that can influence public opinion and regional decision makers are of particular interest. The most promising concepts are selected using a thorough, multi-level evaluation process based on sustainability criteria. The projects selected for funding must be ready for implementation and have the potential for replication.

Since 2013, SEPS support has been targeted at specific regions and specific technologies that align with WISIONS regional partnerships.

As well as supporting technical project implementation, SEPS also supports knowledge exchanges within the target regions.