

About WADE

The World Alliance for Decentralized Energy (WADE) is a non-profit research, promotion and advocacy organization representing global companies as well as industry and environmental groups. Since 1997, WADE has worked to accelerate the worldwide deployment of decentralized energy systems that deliver substantial economic and environmental benefits.

Mission Statement

WADE seeks to increase the market share of DE technologies in the global power mix to create a cost-effective, robust and sustainable electricity system.

“Working with WADE provided us with the technical and economic back-up in favour of decentralized energy. An invaluable part of our campaign work.”
— DOUG PARR, CHIEF SCIENTIST, GREENPEACE UK



David Sweet
Executive Director

Edinburgh Quay
133 Fountainbridge
Edinburgh EH3 9BA
United Kingdom
Tel: +44 (0)131 625 3333

1513 16th Street NW
Washington, DC 20036
United States of America
Tel: +1 202 667 5600
Fax: +1 202 315 3719

Email: info@localpower.org
Web: www.localpower.org



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www.localpower.org

What is Decentralized Energy (DE)?

Electricity production at or near the point of use, irrespective of size, technology or fuel used - both off-grid and on-grid.

1. High-efficiency systems providing cogeneration of heat, power and cooling - including large industrial scale plants all the way to micro residential systems and fuel cells.
2. On-site renewable energy including solar, biomass, hydro and wind.
3. Energy recycling systems powered by waste gases, waste heat and pressure drops to generate electricity and/or useful thermal energy on-site.

“DE presents a unique opportunity to help developing countries progress towards the provision of clean, affordable, reliable energy, economic growth and poverty alleviation.”

— DOMINIQUE LALLEMENT, ENERGY ADVISER,
WORLD BANK



Why DE?

Existing DE technologies can reduce delivered energy costs and decrease emissions of CO₂ as well as other harmful pollutants.

DE is Cleaner

Power generation is the single largest source of climate changing greenhouse-gas emissions, as well as a host of other pollutants. Renewable and high-efficiency fossil fuel DE technologies can drastically reduce pollution.

DE is Less Wasteful

For every unit of electricity generated by conventional central power stations, two-thirds of the energy in each unit of fuel burned is wasted. DE offers an alternative. Siting generators close to where the energy is needed allows valuable heat to be captured and put to use for space heating, cooling, and industrial processes. This also eliminates the need for costly, unsightly and inefficient transmission and distribution lines.

DE is Less Expensive

DE can dramatically cut delivered energy costs. WADE research has demonstrated that increased use of DE can reduce power prices by up to 40% for retail customers.



WADE Membership

Join WADE and become part of a global network of leaders in the field of DE. WADE membership allows you and others from your organization to help establish WADE's agenda, message, policy positions, and research priorities, as well as get involved in all areas of WADE's work. Members also receive exclusive research reports and market intelligence.

Join WADE Today

Joining WADE is easy and offers a wide range of benefits. Contact us to apply.

“WADE membership is a key component of our global marketing efforts. WADE's research and programs are recognized around the world as first-rate.”

— RICHARD BRENT, DIRECTOR GOVERNMENT AFFAIRS, SOLAR TURBINES, INC.

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