

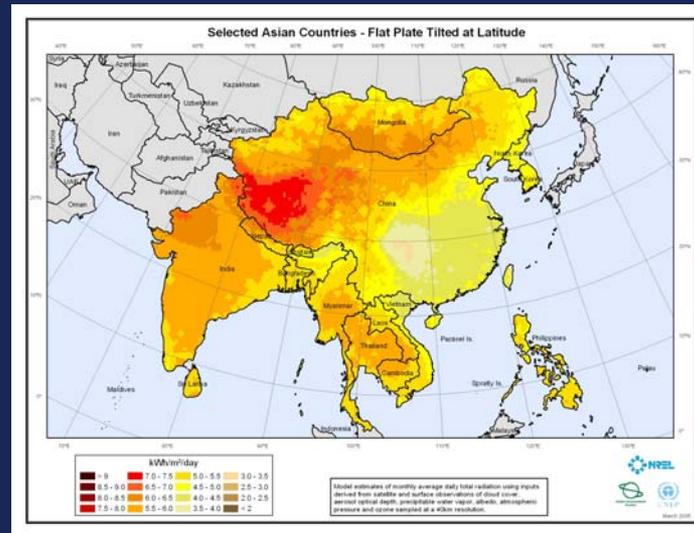


ISES

International  
Solar Energy  
Society

# ISES: and the Roadmap to a Renewable Energy Future

Presented by  
David Renné, President  
International Solar Energy Society



“Rapid Transition to a  
Renewable Energy  
World”

## Renewable Energy Experts Meeting

### 13-14 September 2011

JREF Renewable  
Energy Expert  
Meeting

13-14 September

2011

# Applications of Solar Heat and Electricity

**Solar Thermal**



Passive solar

Hot water

**Distributed Generation, on-site or near point of use**



**Photovoltaics (PV)**



**Centralized Generation, large users or utilities**



Transportation

Residential & Commercial Buildings

Industrial

**Concentrating Solar Power (CSP)**



# Renewable Energy Roadmap Principles

*The steps to achieving MDG's  
for all people and our planetary home  
directly, or indirectly, require clean energy.*

**There are many pressing, growing global to local concerns  
associated with non-renewable energy use:  
(national security, economic destabilization, depleted resources, adverse  
impacts on human health and environmental).**

**We urgently need a**

## **Rapid transition to a renewable energy world**

*...A world where everyone has access to energy;  
energy is used efficiently and wisely;  
energy sources are all renewable; and  
sustainability guides all human activities...*



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# ISES Roadmap Overview



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## Overarching Considerations

Energy sources are all renewable    Use is efficient and wise    Access is universal  
Development, deployment, and use of energy is based on sustainability principals.

## Key Roadmap Elements

Technologies    Policies    Financing



Source: Charlie Gay

## Key Actors

Governments  
Financiers  
Consumers  
Utilities  
Businesses  
Industry  
NGOs  
R&D Community

.....

## Community Acceptance and Engagement is Fundamental

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# International Solar Energy Society (ISES)

- Global non-profit Professional Membership Organisation
- Produces and distributes relevant and scientifically credible RE/EE information to the global renewable energy community
- Links R&D with policy makers and advocacy groups
- Forms strategic partnerships across public, private, and NGO sectors as key to fulfilling vision of a “Rapid Transition to a Renewable Energy World”



# Thank You

See our recent SWC 211  
statement at  
[www.ises.org](http://www.ises.org)



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## ISES Statement for Global Policy Making

### RAPID TRANSITION TO A RENEWABLE ENERGY WORLD

Hundreds of internationally-renowned renewable energy scientists, technical experts, industry leaders, and related professionals recently convened at the International Solar Energy Society's 30<sup>th</sup> Solar World Congress 2011 in Kassel, Germany to review the latest renewable energy technological advances, policy incentives, and deployment strategies from around the world.

The collective message coming from this ground-breaking Congress is:

**A Rapid Transition to a Renewable Energy World is key to climate recovery and sustainable development worldwide.**

ISES - a UN accredited non-governmental, non-profit organization founded in 1954 - has an active network of several thousand scientists, technical experts, industry delegates, and related professionals from over 100 countries, all committed to advancing renewable energy sustainable solutions to global climate change, world poverty, and universal energy security.

**ISES supports a rapid transition to a world where everyone has access to energy; energy is used efficiently and wisely; energy sources are all renewable; and sustainability guides human activities.**

**ISES affirms that the rapid transition to a renewable energy world is imperative, achievable, and economically feasible in the near term.**

Together, the strong and growing global network of ISES members work to achieve the rapid transition mainly through:

- Participating in prominent international conferences and planning meetings on world energy;
- Advising governments and organizations on policy, project implementation and sustainable use of renewable energy globally;
- Developing a variety of targeted communications from newsletters to scientific journals, and distributing this critical information through the World Wide Web and other media;
- Implementing projects that bring together local and international perspectives, encouraging transfer of information and good practices, and promoting interaction and learning at all ages; and
- Organising conferences and other events that unite industry, science and politics to achieve better understanding and decision making.

Through its activities, ISES promotes

- Planned system integration approaches for the introduction of renewables at all levels
- Use and acceptance of clean, safe renewable energy technologies, including storage technologies and energy efficiency measures, worldwide;
- Growth of decentralized energy systems, smart grids, village power and other mechanisms for universal sustainable deployment; and
- Creation of international structures to facilitate cooperation.

ISES welcomes partnerships with other organizations that share the ISES vision and support international policy, education, research, and development activities that accelerate the transition to a renewable energy world.

For more information on ISES and its upcoming conferences and other activities, please visit <https://www.ises.org>

1 September 2011



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