



# THE PROMISE OF RENEWABLE ENERGY

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By

**Mohamed El-Ashry**  
**Senior Fellow, UN Foundation**



# Sustainable Energy

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- “No matter how we define sustainable development, current systems of energy supply and use are clearly not sustainable in economic, environmental, or social terms.”

- IEA



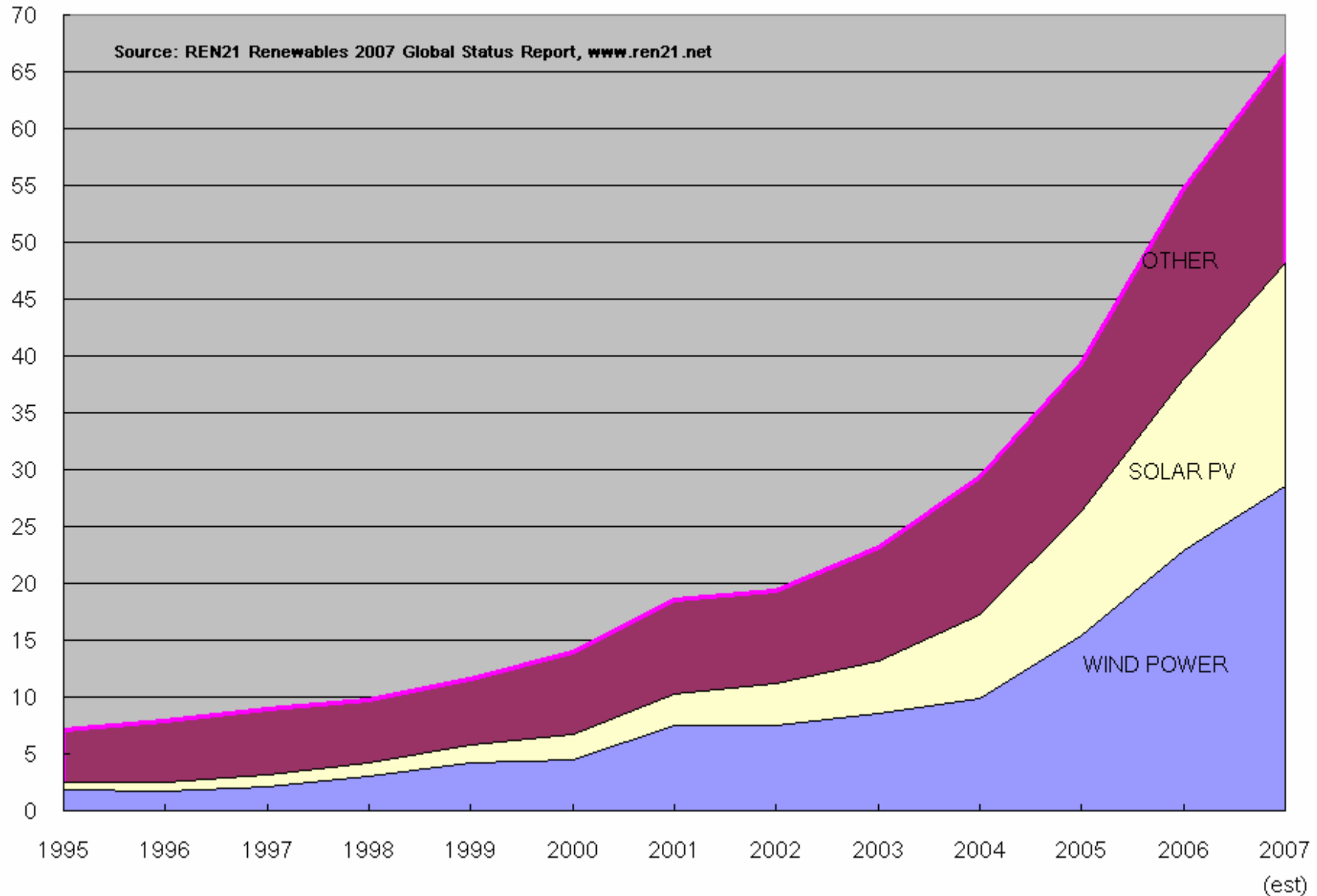
# Solar Energy

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- “I’d put my money on the sun and solar energy. What a source of power! .... I hope we don’t have to wait until oil runs out before we tackle that.”

-Thomas Edison, 1931

# Annual Investment in New Renewable Energy Capacity 1995-2007 (billion USD excluding large hydro)





# WSSD – Johannesburg 2002

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- “With a sense of urgency, substantially increase the global share of renewable energy sources with the objective of increasing its contribution to total energy supply.”



# Renewable Energy

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- A win-win proposition for developed and developing countries alike;
- Provides opportunities for poverty eradication and for satisfying the energy needs in rural and remote regions;
- Helps generate employment and local economic development opportunities;



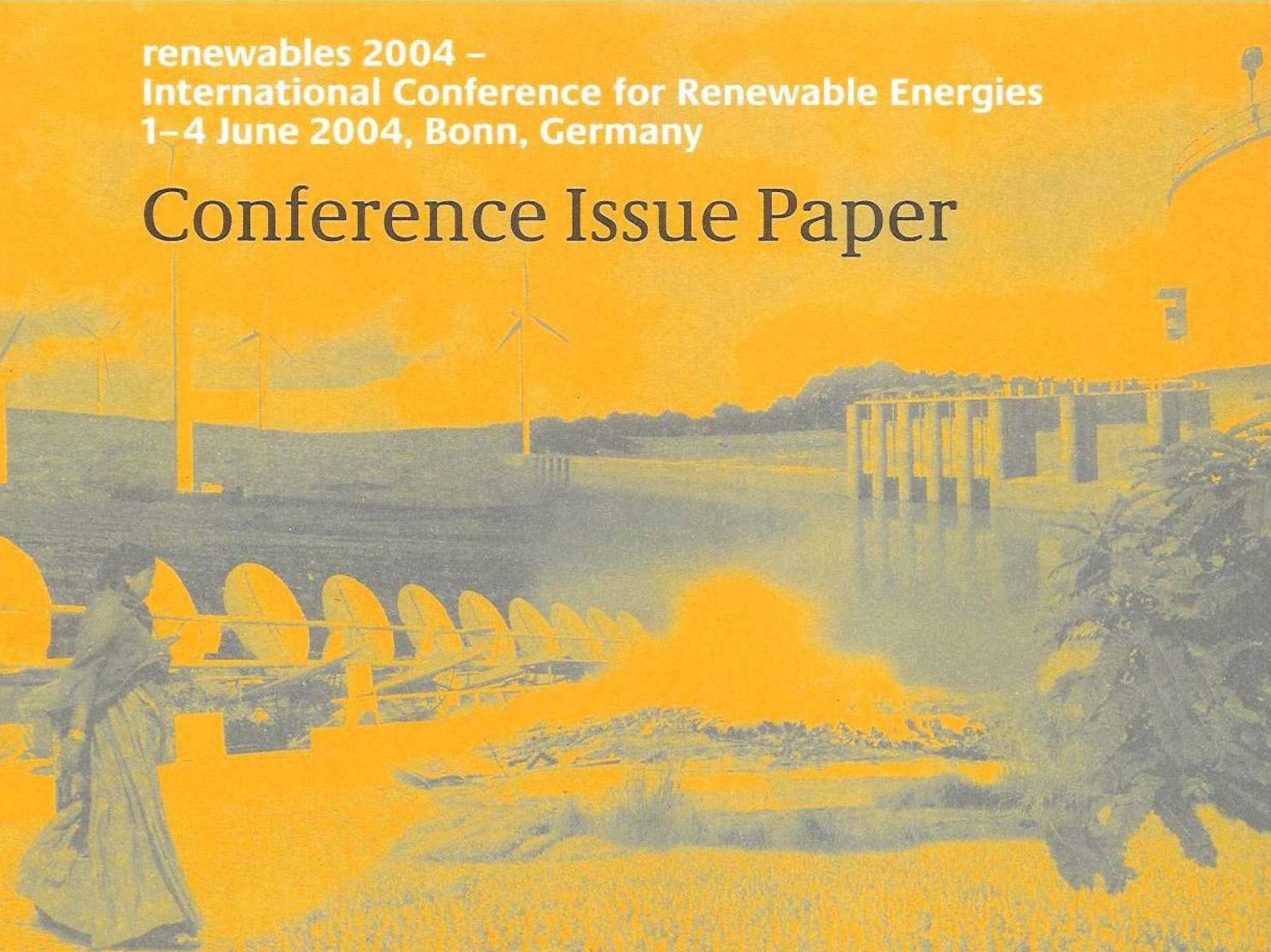
## Renewable Energy (contd.)

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- Helps curb global warming and contributes to the protection of human health caused by air pollution; and
- Enhances energy security through reliance on domestic energy sources.

renewables 2004 –  
International Conference for Renewable Energies  
1–4 June 2004, Bonn, Germany

# Conference Issue Paper





# Renewables 2004

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- Political Declaration
- International Action Programme (IAP)
- Policy Recommendations

# IAP Follow Up: Implementation Status

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- Encouraging results:
  - Most (79%) reports show that the commitments are being or have been implemented. They are either completed (15%) or underway (64%)
  - Others are still under preparation (16%)
  - 2 actions not yet begun
  - Only 4% of reported commitments have been abandoned



The Conference

Conference Outcomes

Conference Documentation

Program

Side Events

Sponsor

About Beijing

Secretariat

### Officials

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#### Chairman of the Conference Steering Committee

Mr. Zhang Guobao

Vice Director, the National Development and Reform Commission (NDRC)



#### Conference Facilitator

Dr. Mohamed T. El-Ashry

Senior Fellow, UN Foundation and Former CEO & Chairman, GEF



#### Secretary General of the Conference

Mr. Xu Dingming

Director, the Energy Bureau of NDRC

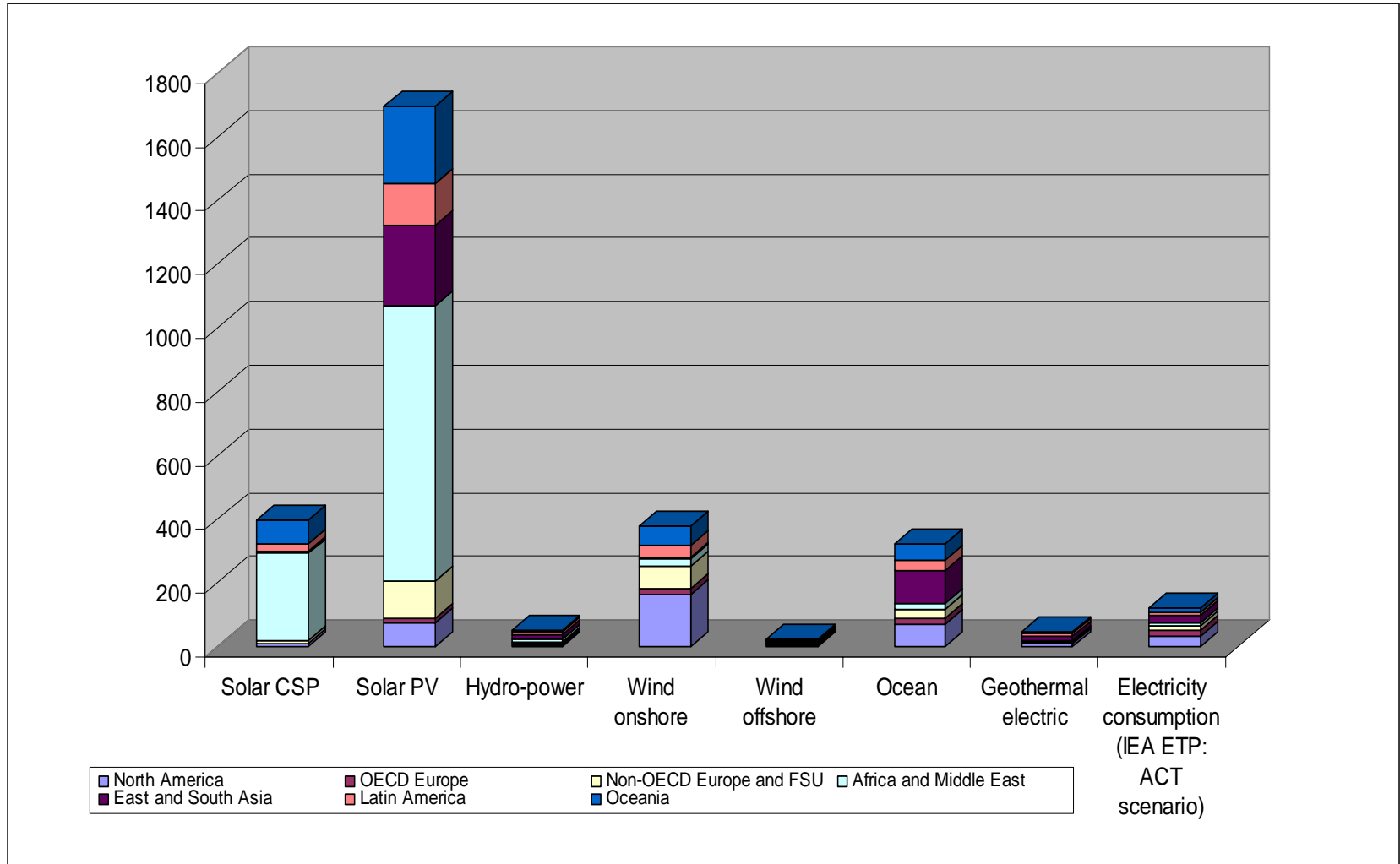
Vice Director of the National Energy Advisory Office under the State Council

# Beijing International Renewable Energy Conference

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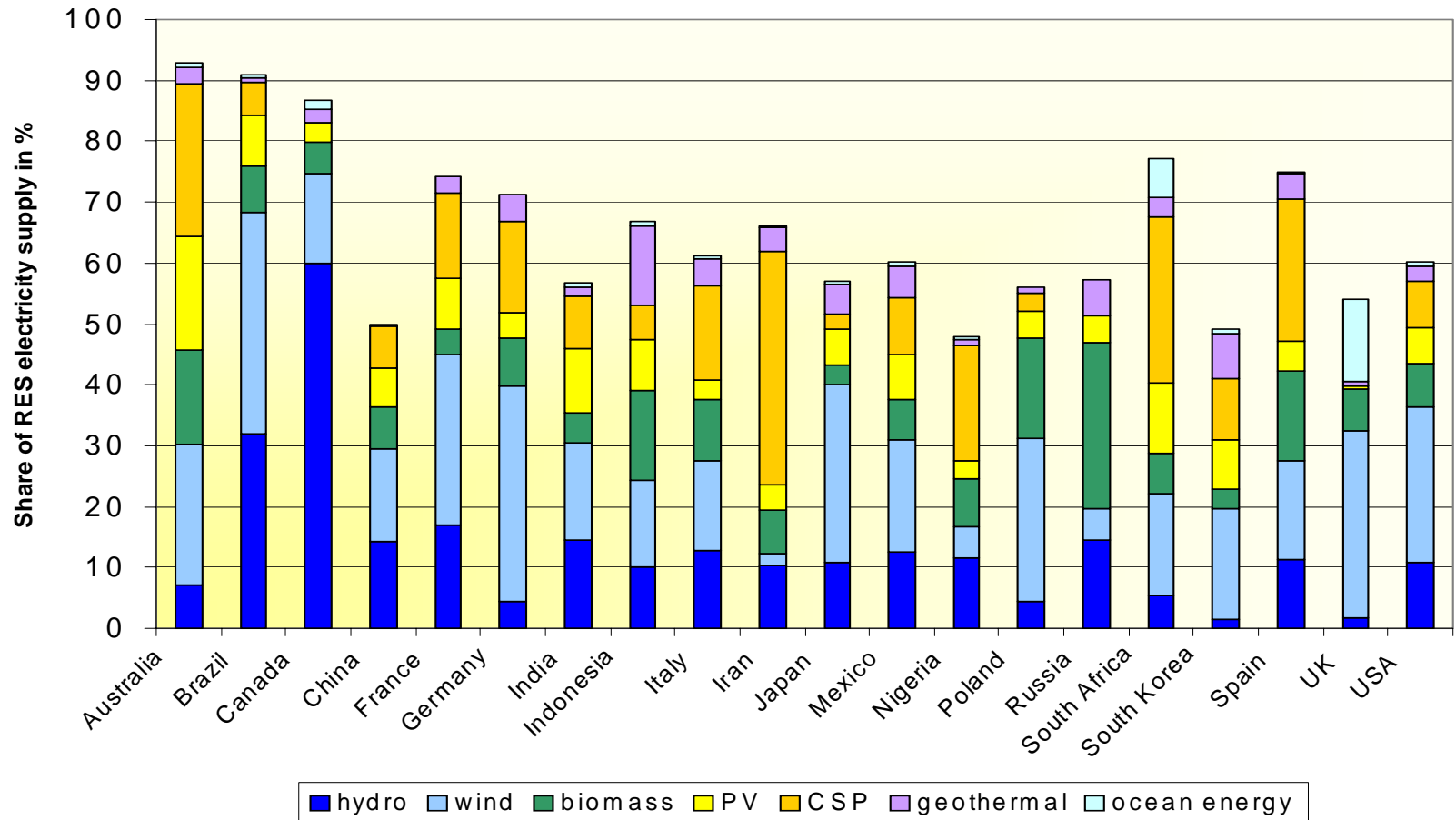
- Focused more on developing countries.
- Urged governments to remove barriers and level the playing field.
- Called for significant public and private investment in renewable energy.

# Technical Potentials of RET



# Renewable Energy Market Share by 2050

## ➤ Electricity





*Announcing*  
**WIREC 2008**

**Washington International Renewable Energy Conference**

**March 4-6, 2008**

**Washington Convention Center, Washington, DC**