



# Australia Pledge

- Renewables to account for 20% of the electricity supply in 2020
- Implement a national Renewable Energy Target scheme that includes a legislated annual target of 45,000 gigawatt-hours in 2020



# Baylor Institute for Air Sciences Pledge

- Convert flight training aircraft to 100% denatured ethanol
- Open the first international flight training academy on biofuels in the DR
- Establish an off-the-grid airport and sustainable aviation community
- Develop a research center and a renewable energy theme park at the Green Airport



2008 Washington International *Renewable* Energy Conference



# Bellingham, Washington State, USA Pledge

- Commitment to purchase 100% Green Power for all municipal facilities





# Brazil Pledge

- Consolidate the share of renewable energies (now around 45%) and promote the diversification of renewable energy sources
- Maintain the share of renewables in electricity generation above 80%
- Perfect the domestic legislation related to biofuels and promote their production and consumption worldwide
- Cooperate with least developed countries in the development of national biofuels programs that will contribute to
  - increasing the supply of renewable energies
  - the access to electricity derived from cogeneration





# Cape Verde Pledge

- Increase renewable sources from the current 3.2% to 50% by 2020
- One Island will have 100% renewable energy by 2020
- Expand access to power for all Cape Verdeans from 80% today to 95% by 2011; 100% by 2015



# Cemtec, Aalborg University Pledge

- Creation of overarching framework conditions and infrastructure for development of hydrogen and fuel cell business
- Establish a national test center to test fuel cell performance
- Establish a dedicated industrial site area in Hobro for hydrogen consuming industries
- Establish a demonstration HUB for hydrogen/hybrid transportation systems
- Create 5 new companies and 100 - 200 new jobs





# Council of the European Union Pledge

- A minimum of a 20% reduction of greenhouse gas emissions by 2020 compared to 1990 levels
- 20% share of renewable energies in final energy consumption by 2020
- 10% minimum target for the share of biofuels in overall transport petrol and diesel consumption by 2020



# Denmark Pledge

- Reduce the use of fossil fuels by a minimum of **15%** by **2025**
- Increase the share of renewable energy to at least **30%** of energy consumption by **2025**
- Increase energy efficiency by **1.4%** per year from **2010** to **2025**
- Double funds for research and development of new energy technologies by **2010**





# Electricité De France Pledge

- Rural electrification in South Africa with photovoltaic kits
- Produce solar panels locally by Tenesol Manufacturing, a South African subsidiary of Tenesol (EDF 50%, Total 50%)
- Schools will be supplied with electricity allowing the use of modern media (video, computers) and health centers will be provided with computers and refrigeration



# ***Feed-In Cooperation Pledge***

- Promote the exchange of experiences between countries that are using a feed-in system
- Demonstrate the advantages of the feed-in system
- Generate expertise on the best use and design of feed-in tariffs
- Assist other countries which want to design and implement a similar feed-in system





# **Forrester Partners Limited Pledge**

- Every employee of the company (in the UK, and where possible in U.S., Dubai, and Italy) will be granted the financial support to switch their electricity supply to 100% renewable sources of power via Good Energy electricity supplier



# German Federal Ministry for Economics and Technology Pledge

- Facilitate the feed of biogas from domestically produced biomass into the natural gas network
- By 2030 Germany can develop biogas potential equivalent to 10% of the current consumption of natural gas; 6% is to be achieved by 2020
- The ordinance will specify the duty to connect biogas plants to the natural gas network and expand the existing prioritization rules for biogas feed-in





# Grameen Bank Pledge

- Ensure the declaration of National Renewable Energy Policy for Bangladesh in partnership with the Renewable Energy Forum of Bangladesh, the German Development Cooperation (GTZ) and the Infrastructure Development Company (IDCOL)



# Italy Pledge

- Market-based green certificate mechanism to promote renewable energies
- 55% percent tax deduction over three years for solar heating and a tax credit on heating from geo-thermal sources and bio-mass used for district heating
- Promote renewable sources of energy under the “Industria 2015” program as part of the 2007-2013 national strategic framework
- Incentive Fund for ultra efficient buildings





# *Jamaica Pledge*

- Increase renewable energy use to **10%** by **2010** and **15%** by **2020**
- Increase in public awareness of the need for energy efficiency and the benefits of renewable energy
- Expand existing wind farm capacity
- Develop mini hydro power facilities
- Develop projects in biofuels



# Japan Pledge

- Set a renewable energy introduction target of 19,100,000 kl (crude oil equivalent), accounting for about 3% of the total primary energy supply by 2010
- Set the new energy usage target for 2014 of 16 billion kWh





# Jordan Pledge

- Increase use of renewable energy sources to account for 10% of energy needs by 2020
- 600 MW Wind power plants
- 300 MW Solar Energy
- 30-50 MW Waste to Energy
- 30-50 % Solar Water Heaters Penetration rate
- Energy Savings of 20%



# *Juniata College Pledge*

- Invest in wind renewable energy credits to offset 75% of current electric consumption
- Make a commitment to reduce consumption by 25% by 2012





# Latvia Pledge

- Promote use of renewable energy sources in economy including transportation sector thereby decreasing dependence from fossil energy sources
- Implement new technological solutions in order to improve environmental quality
- Reduce greenhouse gas emissions from biodegradable materials
- Increase competitiveness of agricultural and other sectors by introducing new economically effective and reliable technologies and systems



# *Lithuania Pledge*

- Increase the share of renewable energy resources in national energy balance by 20% by 2025
- Increase biofuels for transportation to 15% in 2020 and 20% in 2025
- Increase the share of electricity generated by combined heat and power plants to 35% by 2025





# Madagascar Pledge

- Subsidies for installation of energy systems in low revenue rural areas
- By 2020, 75% of electric energy from renewable sources, primarily hydropower
- Priority given to renewable energies for rural electrification
- Bio-energies for transportation and power generation will replace about 5% of fossil fuels
- Domestic energy will be increasingly produced from dedicated plantations to safeguard the natural forests
- Exempt the central equipment for the production of renewable energies (such as hydro and wind turbines and PV panels)



# *Mauritania Pledge*

- Use wind resources to power a unit of 30,000 cubic meters of desalinized water and tie in electricity
  - Produce 18 MW of electricity (+30% of installed capacity of NKC) for domestic and industrial use
  - Produce 30,000 cubic meters of water (+50% of the actual resources) for domestic use





# ***My Organic Market Pledge***

- Offset 100 percent of energy usage by purchasing wind energy
- Increase our recycling per store from 62 percent to 68 percent
- Reduce overall greenhouse gas emissions by 80-90% as compared to petroleum based plastics



# *Nature Works Pledge*

- Purchase green power or renewable energy certificates in an amount equal to the electricity used in the manufacturing process of all of our biopolymer
- This investment and commitment includes both the direct electrical usage and the electricity used in producing and supplying raw materials





# Netherlands Pledge

- Reduce greenhouse gas emissions by 30% in 2020
- Increase share of renewable energy to 20% in 2020
- Increase the share of (sustainably produced) biofuels
- Increase energy efficiency by 2% per year
- Stimulate innovation in sustainable energy technologies
- Dutch government aims to buy 100% sustainable products in 2010



# ***New Zealand Pledge***

- 90% of electricity from renewables by 2025
- All sectors/gases in emission trading scheme
- Renewable Preference - 10 year restriction on new fossil fuel generation
- National guidance on renewables and environment approvals
- Establish the Low Carbon Energy Technology Fund





# Norway Pledge

- Attain carbon neutrality by 2050
- Increase support for clean energy in developing countries by NOK 400 million in 2008
- Establish energy R&D strategy (Energy21)
- Reach new national combined target for renewable energy and energy efficiency: 30 TWh increased annual production from 2001 to 2016



# *Philippines Pledge*

- 20% increase in public awareness
- Use media, integration in the school curriculum, and informal training to increase appreciation and use of renewable energy by a larger segment of society
- Research and increase education of indigenous sources of renewable energy





# Republic of Haiti Pledge

- Submit a bill to Parliament that creates the enabling framework for accelerating the use of renewable energy and associated technologies
- Implement various forms of incentive mechanisms for the promotion of private sector investment in renewable energy production and deployment
- Pursue actions related to the development of biofuels, in particular: feasibility studies, R&D and the reinforcement of Public-Private partnerships
- Carry out a public awareness campaign for renewable energy, utilizing instruments designed to inform and motivate



# Spain Pledge

- At least **12%** of energy consumed in Spain must come from renewable sources by 2010
- **30.3%** of electricity generation and **583%** of biofuels in the transport sector will come from renewable energy by 2010





## Sweden Pledge

- Promote technical development and market introduction of offshore wind power and wind power in the mountain areas.
- Produce 17 TWh more electricity from renewable energy sources between 2002 and 2016 by guaranteeing a set level of sales to producers of electricity from renewables.
- Improve energy efficiency through i.a. building regulations that specify how many kWh are to be used per square meter in new buildings.
- Information activities on energy efficiency in Swedish municipalities.
- Testing and labeling of energy intensive products to raise consumer awareness.
- Follow the EC proposal to increase Sweden's use of renewable energy from 39.8 % in 2005 to 49% in 2020.



# Tanzania Pledge

- Develop policy and legal instruments to support and regulate the development of a sustainable biofuels industry
- Promote public support, participation and awareness regarding the biofuels industry in Tanzania
- Increase population with access to electricity from renewable energy resources, at least 1,000,000
- Local energy infrastructure successfully installed, managed and used in the action areas
- Increase in the number of income generating activities in rural areas due to availability of modern energy supply





# Warrenton, Virginia, USA Pledge

- Reduce the carbon footprint of Warrenton, Virginia, USA by 25% by 2012 with the inception of a waste to energy plant
- Electricity produced from waste plant for distributed generation will electrify every single house and building in Warrenton with green power



# *United Kingdom Pledge*

- 10% of electricity from renewables by 2010 and 20% by 2020
- 6 new offshore wind farms to bring wind generation capacity to nearly 1 GW by 2010
- Develop an additional 7-8 GW of offshore wind power
- Assess the possibility of developing an additional 25 GW by 2020—enough to power 25 million homes—the total residences in the UK





# U.S. Government Department of Agriculture Pledge

- Produce or save 682 million KW hours of energy in FY 2008—assisting rural small businesses in creating or saving thousands of jobs in rural communities
- Develop new markets for woody biomass culled from the nation's forests
- Foster the development of conservation cultivars of switchgrass for cellulosic ethanol production
- Increase demand for biobased products



# U.S. Government Department of State Pledge

- Through the Asia-Pacific Partnership on Clean Development and Climate, add at least 48 MW of clean renewable power in India by 2013





# U.S. Government Department of Energy Pledge

- Lower the cost of electricity from large land-based wind systems to 3.6 cents per kilowatt-hour by 2012 and offshore wind systems to 7 cents per kilowatt-hour by 2014
- Issue \$10 billion in loan guarantees for renewable energy and energy efficiency systems, manufacturing, and distributed energy generation, transmission, and distribution
- Through the Solar America Initiative, make solar energy cost-competitive with conventional forms of electricity by 2015 – reducing the cost of PV technology to between \$.05 and \$.12



# U.S. Government–Environmental Protection Agency Pledge

- Increase the amount of renewable fuels used in the U.S. to 36 billion gallons by 2022
- Through the Landfill Methane Outreach Program, facilitate methane recovery projects for energy use, and:
  - Reduce greenhouse gas emissions from 560 landfills by 24 million tons in 2012
  - Produce 2,000 megawatts—the equivalent of powering 1.2 million households





# U.S. Government–Environmental Protection Agency Pledge

- Through the Green Power Partnership:
  - Work with Fortune 500 companies to help them collectively exceed 10 billion kilowatt hours of green power by 2009
    - EPA exceeded the 2007 goal for this challenge by 130 percent
  - Recognize the collegiate and university athletic conferences that have the highest combined green power purchases



# U.S. Government Department of the Interior Pledge

- U.S. Geological Survey will complete a national assessment of U.S. geothermal resources capable of producing electricity by October, 2008
- This survey—the first since 1979—will evaluate the potential impact of evolving geothermal production technology





# U.S. Government Department of Treasury Pledge

- Launch an international trust fund to help developing countries implement clean energy technology and mitigate greenhouse gas emissions
- The United States will start the fund by contributing \$2 billion



## **U.S. Government–Overseas Private Investment Corporation (OPIC) Pledge**

- OPIC assists American businesses in efforts to invest overseas and fosters economic development in new and emerging markets
- Invest up to \$100 million in private capital funds that invest half of their capital in companies or projects in renewable energy or environmental sustainability sectors
- Award funding to between four to six finalists, representing a total financial commitment of up to \$600 million





# **U.S. Government All Federal Agencies Pledge**

- 20% reduction in petroleum use and a 10% increase in renewable fuel use for Federal vehicles by 2015
- Increase the share of renewable energy in electricity used by the Federal Government to the following benchmarks:
  - 5% of electric energy by 2010
  - 7.5% of electric energy by 2013



# Pledge Status

More than 100 pledges received

Visit the Pledge Desk to submit your pledge