



Internationale Konferenz
für Erneuerbare Energien, Bonn
International Conference
for Renewable Energies, Bonn

International Conference for Renewable Energies Bonn 2004

1–4 June 2004

Internationale Konferenz
für Erneuerbare Energien
Bonn 2004

1.– 4. Juni 2004

Programme Programm



Federal Ministry
for Economic Cooperation
and Development



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

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the following organisations and
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GE Energy

SHARP CORPORATION

Shell renewables

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Welcome Addresses

Grußworte



I would like to extend a warm welcome to all delegates and guests attending *renewables 2004*. The aim of the International Conference for Renewable Energies is, after all, to translate into action an important decision

taken at the World Summit on Sustainable Development held in Johannesburg in 2002, namely to make significant progress on the expansion of renewable energies.

More than two billion people have no access to modern forms of energy. That means that they have little chance to use electricity continuously in the home, for lighting or for operating modern machinery. Renewable energies open up the possibility of a reliable and clean supply of energy, particularly in rural areas. Without more sustainable energy, it will be impossible to fight world poverty and achieve the Millennium Development Goals.

By using domestic sources of renewable energy, developing countries are freed of the need to spend vast amounts on importing energy. An equally important consideration is the increase in energy efficiency. Renewable energies contribute towards global security. They are – in principle – available in abundance. The more they are used, the less likelihood there is of conflicts.

The aim of *renewables 2004* is to take concrete and visible action. All of us together – governments, civil society and other stakeholders – have the opportunity to chart a course towards a sustainable future. We have a responsibility towards future generations to seize that opportunity.

Ich begrüße alle Delegierte und Gäste ganz herzlich zu *renewables 2004*. Denn die Internationale Konferenz für Erneuerbare Energien soll einen wichtigen Beschluss des Weltgipfels für nachhaltige Entwicklung (Johannesburg 2002) umsetzen: den Ausbau erneuerbarer Energien deutlich voranbringen.

Mehr als zwei Milliarden Menschen fehlt der Zugang zu moderner Energie. Diese Menschen haben deshalb kaum die Möglichkeit, dauerhaft Elektrizität für den Haushalt, Licht und moderne Maschinen zu nutzen. Erneuerbare Energien ermöglichen eine zuverlässige, saubere Energieversorgung, insbesondere in ländlichen Gebieten. Ohne mehr nachhaltige Energie kann die weltweite Armut nicht bekämpft, können die Jahrtausend-Entwicklungsziele nicht erreicht werden.

Heimische, erneuerbare Energieresourcen entlasten die Entwicklungsländer bei den hohen Ausgaben für Energieimporte. Nicht minder wichtig ist die Steigerung der Energieeffizienz. Erneuerbare Energien tragen zu globaler Sicherheit bei. Sie sind – im Prinzip – im Überfluss vorhanden. Je mehr sie genutzt werden, desto geringer wird das Risiko von Konflikten.

renewables 2004 zielt auf konkrete und sichtbare Aktionen. Wir alle - Regierungen, Zivilgesellschaft und andere Beteiligte - können gemeinsam die Weichen für eine nachhaltige Zukunft stellen. Unsere Verantwortung gegenüber zukünftigen Generationen verlangt, dass wir diese Chance nutzen.

Heidmarie Wiczorek-Zeul
Federal Minister for Economic Cooperation and Development
Bundesministerin für wirtschaftliche Zusammenarbeit und Entwicklung



It is a great pleasure for me to welcome all participants to the International Conference for Renewable Energies – *renewables 2004*.

Both at national and international level, the increased use of renewable energies is an important element in the overall concept of a sustainable energy supply. Renewable energies are of key importance for climate and resource protection, for peace and security and for technological innovation. They open up potential for economic development and they create jobs.

Climate change has become apparent and poses the biggest environmental challenge of our time. The United Nations Framework Convention on Climate Change (UNFCCC) requires stabilisation of greenhouse gas concentrations in the atmosphere at a level that prevents dangerous climate changes. Renewable energies are emission-free and inexhaustible and because of this they play a key role in mitigating climate change and implementing the obligations laid down in the Framework Convention on Climate Change.

Let us all use the conference to bring together experience gained and initiatives taken in different parts of the world concerning the increased use of renewable energies. We should use the conference to generate a follow-up process to promote and make the use of renewable energies more equitable and sustainable in every country of the world.

Es ist mir eine große Freude, alle Teilnehmerinnen und Teilnehmer zur Internationalen Konferenz für erneuerbare Energien – *renewables 2004* – zu begrüßen.

Der Ausbau der erneuerbaren Energien ist national wie international ein wichtiges Element im Gesamtkonzept einer nachhaltigen Energieversorgung. Dabei kommt den erneuerbaren Energien eine zentrale Bedeutung für den Klima- und Ressourcenschutz, für Frieden und Sicherheit, für technologische Innovation zu. Sie eröffnen wirtschaftliche Entwicklungspotentiale und schaffen Arbeitsplätze.

Der mittlerweile zu beobachtende Klimawandel ist die größte umweltpolitische Herausforderung unserer Zeit. Die Klimarahmenkonvention verlangt eine Stabilisierung der Treibhausgaskonzentrationen in der Atmosphäre auf einem Niveau, das gefährliche Klimaveränderungen verhindert. Wegen ihrer Emissionsfreiheit und Unerschöpflichkeit kommt den erneuerbaren Energien eine Schlüsselrolle bei der Bekämpfung des Klimawandels und der Umsetzung der Verpflichtungen der Klimarahmenkonvention zu.

Lassen sie uns gemeinsam die Konferenz nutzen, die weltweiten Erfahrungen und Initiativen zum globalen Ausbau der erneuerbaren Energien zusammenzuführen und einen Folgeprozess zu generieren, um die Nutzung erneuerbarer Energien in allen Ländern der Welt gerechter und nachhaltiger zu gestalten und zu fördern.

Jürgen Trittin
Federal Minister for the Environment, Nature Conservation and Nuclear Safety
Bundesminister für Umwelt, Naturschutz und Reaktorsicherheit

Aims of the Conference

Ziele der Konferenz

The International Conference for Renewable Energies – *renewables 2004* – will prepare the ground for a global expansion of renewable energies, integrated into a broader strategy to create a highly efficient and sustainable energy future. The conference will identify the key obstacles to the wider use of renewable energies and will focus on practical solutions to overcome these barriers. In bringing together the key decision-makers from the fields of energy, environment, development and planning, the conference will address key challenges in sustainable development such as access to energy for the poor and protection of the global climate.

In pursuing these aims, the conference is responding to the call of the World Summit on Sustainable Development (WSSD) in Johannesburg. The conference will also maintain the momentum generated by the coalition of like-minded countries for the promotion of renewable energy (known as the Johannesburg Renewable Energy Coalition, JREC), as articulated in their joint declaration “The Way Forward on Renewable Energy”.

Die Internationale Konferenz für Erneuerbare Energien – *renewables 2004* – wird den Boden für einen globalen Ausbau der erneuerbaren Energien im Rahmen einer umfassenden Strategie zur Gestaltung einer hocheffizienten und nachhaltigen Energiezukunft bereiten. Die Konferenz wird die Haupthindernisse für eine verstärkte Nutzung erneuerbarer Energien ermitteln und sich auf praktische Lösungen zu deren Überwindung konzentrieren. Führende Entscheidungsträger aus den Bereichen Energie, Umwelt, Entwicklung und Planung werden zu dieser Konferenz zusammenkommen und über zentrale Herausforderungen auf dem Weg zu nachhaltiger Entwicklung – etwa Energieversorgung für die Armen und Schutz des Weltklimas – sprechen.

Mit diesen Zielsetzungen reagiert die Konferenz auf den Aufruf des Weltgipfels für nachhaltige Entwicklung (WSSD) in Johannesburg. Die Konferenz will auch die Dynamik aufrechterhalten, die von der Koalition gleichgesinnter Staaten zur Förderung erneuerbarer Energien (Johannesburg Renewable Energy Coalition, JREC) in Gang gesetzt wurde und in ihrer gemeinsamen Erklärung „The Way Forward on Renewable Energy“ zum Ausdruck kam.

Conference Issues

Konferenzthemen

Energy services are fundamental for human welfare and important preconditions for social and economic development. Today's global energy system is unsustainable in economic, social and ecological terms. The key question is how to make a global transition to a sustainable energy system in an active and timely manner, while allowing for the social and economic development of both industrialised and developing countries. Three key issues have been identified to be addressed at *renewables 2004*:

Policies for renewable energy market development

The massive development of relevant markets is a prerequisite for a substantial increase in the use of renewable energies. Today, renewable energies do not always have the necessary enabling policy framework to fully develop their market potential. What can governments, international organisations and stakeholders do to develop the market and create a level playing field for renewable energies?

Financing options for renewable energies

The characteristics of renewable energy technologies often imply high upfront investments that require particular financing solutions. How and under what conditions could public and private capital providers improve financing of renewables in both industrialised and developing countries?

Strengthening of human and institutional capacity

Individual knowledge and institutional structures are not yet sufficient to overcome the market shortcomings and barriers to financing. What is necessary to place capacity building, research, technology development and institutional improvements high on the agenda?

Energieleistungen sind für das menschliche Wohl von elementarer Bedeutung und wichtige Voraussetzung für soziale und wirtschaftliche Entwicklung. Das heutige Weltenergiesystem ist unter ökonomischen, sozialen und ökologischen Gesichtspunkten nicht tragfähig. Die Kernfrage lautet: Wie kann ein globaler Übergang zu einem nachhaltigen Energiesystem aktiv und rechtzeitig vollzogen und dabei die soziale und wirtschaftliche Entwicklung von Industrie- und Entwicklungsländern gleichermaßen sichergestellt werden? Drei Kernthemen sollen auf der Konferenz *renewables 2004* behandelt werden:

Der politische Rahmen für die Marktentwicklung im Bereich erneuerbare Energien

Derzeit finden erneuerbare Energien nicht überall die notwendigen politischen Rahmenbedingungen, um ihr Marktpotenzial voll zu entwickeln. Was können Regierungen, internationale Organisationen und Interessengruppen für eine bessere Marktentwicklung und die Schaffung fairer Ausgangsbedingungen für erneuerbare Energien tun?

Finanzierungsoptionen für erneuerbare Energien

Technologien zur Nutzung erneuerbarer Energien sind oft mit hohen Anfangsinvestitionen verbunden, die spezielle Finanzierungslösungen erfordern. Wie und unter welchen Voraussetzungen könnten öffentliche und private Kapitalgeber die Finanzierung erneuerbarer Energien in Industrie- und Entwicklungsländern verbessern?

Die Stärkung der menschlichen und institutionellen Leistungsfähigkeit

Die vorhandenen persönlichen Kenntnisse und institutionellen Strukturen reichen noch nicht aus, um die Marktmängel und Finanzierungsbarrieren zu überwinden. Was ist zu tun, damit Trägerstärkung, Forschung, Technologieentwicklung und institutionelle Verbesserungen ganz oben auf der Tagesordnung stehen?

The conference issues are further discussed in the preparatory documents: the **Conference Issue Paper** and the twelve **Thematic Background Papers**. They are available at the conference website:

www.renewables2004.de/en/cd/default.asp

Advantages and benefits of renewable energies

- Renewable energies reduce the reliance on energy imports and diversify energy supply mixes by making use of locally available resources, thus contributing to energy security.
- As renewable energies have low to zero greenhouse gas emissions, they reduce human-induced climate impacts.
- Renewable energies help to reduce negative health impacts from airborne emissions.
- In industrialised countries, renewables have already spurred the development of new industries and services for planning, manufacturing, operating and maintenance and demonstrated their potential to create highly qualified employment in new small and medium-sized enterprises. They can create decentralised markets and contribute to local economic development by introducing new capital and innovation and by developing new sources of revenue for local communities in the developing world too.
- Being modular, diverse and distributed, renewable energies offer potential for decentralised technological innovation and allow for wider participation in decision-making about energy options. Especially in the use of traditional biomass, improved technologies can help combat the depletion of this resource.
- For many remote areas, renewable energy technologies are cost-effective and competitive supply options and can contribute to offering access to modern energy services for large parts of the rural population in the developing world.

Weitere Informationen über die Konferenzthemen enthalten die vorbereitenden Dokumente: das **Konferenzthemenpapier** und die zwölf **thematischen Hintergrundpapiere**:

www.renewables2004.de/de/cd/default.asp

Vorteile und positive Wirkungen erneuerbarer Energien

- Erneuerbare Energien verringern die Abhängigkeit von Energieimporten, diversifizieren die Energieversorgungsstruktur, indem sie lokal verfügbare Ressourcen nutzen, und tragen so zur Sicherheit der Energieversorgung bei.
- Erneuerbare Energien haben geringe bis keine Treibhausgasemissionen, ihr Einsatz mindert die von Menschen verursachten Auswirkungen auf das Klima.
- Erneuerbare Energien tragen dazu bei, die negativen Auswirkungen von Luftemissionen auf die Gesundheit zu reduzieren.
- In Industrieländern haben erneuerbare Energien bereits die Entwicklung neuer Industrien und Dienstleistungen für Planung, Herstellung, Betrieb und Wartung angestoßen und ihr Potenzial zur Schaffung hochqualifizierter Arbeitsplätze in kleinen und mittleren Unternehmen unter Beweis gestellt. Sie können dezentrale Märkte schaffen und durch den Zufluss von Kapital und Innovationen und die Entwicklung neuer Einkommensquellen für die örtliche Bevölkerung auch in Entwicklungsländern zu lokaler Wirtschaftsentwicklung beitragen.
- Mit ihren modularen, vielgestaltigen und räumlich verteilten Systemen bieten erneuerbare Energien Chancen für dezentrale technologische Innovationen und ermöglichen eine breite Mitwirkung der Bevölkerung an Entscheidungen über Energieoptionen. Insbesondere im Fall der traditionellen Biomassenutzung können verbesserte Technologien die Ausbeutung dieser Ressource verhindern helfen.
- Für viele entlegene Gebiete sind Technologien zur Nutzung erneuerbarer Energien kostengünstige und wettbewerbsfähige Versorgungsoptionen, die dazu beitragen können, weiten Teilen der ländlichen Bevölkerung in Entwicklungsländern Zugang zu modernen Energieleistungen zu verschaffen.

Expected Outcomes

Erwünschte Ergebnisse

In the spirit of a shared commitment to facilitate a global breakthrough for renewable energies, conference participants will draw conclusions for political decision-making and action on local, national, regional and global levels, building on the rich experience with renewable energies in the North and South. Three elements, which will be closely linked and enshrined in three conference documents, are envisaged:

Governments will wish to express their aspirations and priorities in a **Political Declaration** containing shared political goals for an increased role of renewable energies and reflecting a joint vision of a sustainable energy future that provides better and more equitable access to energy as well as increased energy efficiency. Differentiated approaches will reflect widely differing situations in countries and regions.

An **International Action Programme** will be on the agenda, including actions and commitments by governments, international organisations and stakeholders. Conference participants are invited to contribute to the action programme with voluntary commitments to goals, targets and actions within their own spheres of responsibility. They may benefit from alliances and partnerships forged through the conference. The conference conveners have issued a "call for actions and commitments" with information on the arrangements for contributing to the International Action Programme. Proposed actions and commitments should have a significant impact.

Getragen von dem gemeinsamen Engagement, erneuerbaren Energien weltweit zum Durchbruch zu verhelfen, und gestützt auf die umfangreichen Erfahrungen mit erneuerbaren Energien in Nord und Süd fassen die Konferenzteilnehmer/innen Beschlüsse für politisches Handeln auf lokaler, nationaler, regionaler und globaler Ebene. Es werden drei inhaltlich eng miteinander verknüpfte Dokumente angestrebt.

Regierungen bringen zusammen mit anderen Konferenzteilnehmer/innen ihre Bestrebungen und Prioritäten in einer **Politischen Deklaration** zum Ausdruck, die gemeinsame politische Ziele zur Stärkung der Rolle erneuerbarer Energien enthält und eine gemeinsame Vision einer nachhaltigen Energiezukunft mit verbessertem und gerechterem Zugang zu Energie und erhöhter Energieeffizienz aufzeigt. Differenzierte Ansätze spiegeln die vielfältigen Gegebenheiten in verschiedenen Ländern und Regionen wider.

Diskutiert wird ein **Internationales Aktionsprogramm**, das Maßnahmen und Verpflichtungen seitens der Regierungen, internationalen Organisationen und Stakeholder zusammenstellt. Konferenzteilnehmer/innen sind aufgefordert, mit freiwilligen Verpflichtungen auf Ziele und Maßnahmen im Rahmen ihrer eigenen Zuständigkeitsbereiche zum Aktionsprogramm beizutragen. Sie können von Bündnissen und Partnerschaften, die während der Konferenz geschlossen werden, profitieren. Die Konferenzveranstalter haben in einem „Call for Actions and Commitments“, der Informationen über die Formalitäten für Beiträge zum internationalen Aktionsprogramm enthält, zur Festlegung auf Maßnahmen und Verpflichtungen aufgerufen. Vorgeschlagene Maßnahmen und Verpflichtungen sollten eine signifikante Wirkung haben.

The conference may in addition wish to adopt **Policy Recommendations for Renewable Energies** which can be of benefit to governments, international organisations and stakeholders as they develop new approaches and political strategies and address the roles and responsibilities of key actors. “State-of-the-art” policy guidance based on national experience in the North and South, best practices and “success stories” can transfer critical knowledge from actors with extensive experience on particular issues to others.

The conference outcomes will include arrangements for a follow-up process and a mechanism to share information on progress in implementing the International Action Programme.

In addition, a conference report will be published including information on participants, the agenda, themes and proceedings of the conference.

Die Konferenz wird zusätzlich **Politikempfehlungen für Erneuerbare Energien** behandeln, die Regierungen, internationalen Organisationen und Stakeholdern bei der Entwicklung ihrer Konzepte und Politikstrategien von Nutzen sind. Politikempfehlungen nach neuestem Wissensstand können, auf der Grundlage von nationalen Erfahrungen in Nord und Süd, „Best Practices“ und Erfolgsbeispielen Know-how von Akteuren mit umfangreicher Erfahrung vermitteln.

Zu den Konferenzergebnissen zählen auch Vereinbarungen zum Follow-up und ein Mechanismus für den Informationsaustausch über Fortschritte bei der Umsetzung des Internationalen Aktionsprogramms.

Zusätzlich wird es einen Konferenzbericht geben, der unter anderem Informationen über Teilnehmer, Programm, Themen und Ablauf der Konferenz enthält.

Preparatory Committees

Vorbereitungsgremien

An **International Steering Committee (ISC)** was formed to advise the conveners regarding themes, structure and outcomes of the conference. The ISC is made up of a balanced selection of about 50 members chosen by region and function (leaders and decision-makers from governments, international organisations, civil society and the private sector). It is chaired by Michael Hofmann (BMZ) and Rainer Hinrichs-Rahlwes (BMU). Members were individually invited "ad personam" by the German Government to represent important stakeholders, giving due consideration to relevant political and professional groups. With the ISC, an international network of important personalities with high expertise and interest in political and thematic aspects of renewable energies has been formed.

The **National Advisory Committee** is the conference forum for German actors in the field of renewable energies and development cooperation. The expertise and experience of the 45 members of the Bundestag (German Parliament) and representatives of the German federal states, associations, the private sector, academic and scientific institutions, and non-governmental organisations were integrated into the preparation process.



The International Steering Committee
Der Internationale Lenkungsausschuss

Ein **Internationaler Lenkungsausschuss (ISC)** wurde einberufen, um die Veranstalter im Hinblick auf Themen, Struktur und angestrebte Ergebnisse der Konferenz zu beraten. Der ISC ist nach Regionen und Funktionen (Führungs- und Entscheidungsverantwortliche aus Regierungen, internationalen Organisationen, Zivilgesellschaft und Privatwirtschaft) mit rund 50 Mitgliedern ausgewogen besetzt. Den Vorsitz des ISC führen Michael Hofmann (BMZ) und Rainer Hinrichs-Rahlwes (BMU). Die Mitglieder wurden von der Bundesregierung „ad personam“ als Vertreterinnen und Vertreter wichtiger Interessengruppen eingeladen. Dabei wurden die relevanten fachlichen und politischen Kreise angemessen berücksichtigt. Mit dem ISC wurde ein internationales Netzwerk aus Fachleuten mit hoher Kompetenz und Interesse für politische und thematische Aspekte im Bereich erneuerbare Energien geschaffen.

Der **Nationale Begleitkreis** ist das Forum der deutschen Akteure im Bereich erneuerbare Energien und Entwicklungszusammenarbeit. Das Wissen und die Erfahrung der 45 Mitglieder, unter ihnen Abgeordnete des Deutschen Bundestages, Vertreterinnen und Vertreter der Länder, von Verbänden, der Privatwirtschaft, akademischer und wissenschaftlicher Institutionen sowie nichtstaatliche Organisationen, wurden in den Vorbereitungsprozess eingebunden.

The Organising Committee

Das Organisationskomitee

The conference preparations are being coordinated by an Organising Committee. The Committee members are the German Federal Ministry for Economic Cooperation and Development (BMZ), the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), the German Federal Foreign Office (AA), the City of Bonn and the Conference Secretariat. The Chairpersons of the Organising Committee are Norbert Gorißen (BMU) and Manfred Konukiewitz (BMZ).



The Organising Committee Das Organisationskomitee

Das Organisationskomitee koordiniert die Vorbereitungen der Konferenz. Es besteht aus dem Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (BMU), dem Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (BMZ) sowie dem Auswärtigen Amt, der Stadt Bonn und dem Konferenzsekretariat. Den Vorsitz des Komitees führen Norbert Gorißen (BMU) und Manfred Konukiewitz (BMZ).

The Conference Secretariat

Das Konferenzsekretariat

The Conference Secretariat is organising the preparation of the conference on behalf of the conveners. It is provided by the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH (German technical cooperation).

Das Konferenzsekretariat organisiert die Vorbereitung der Konferenz im Auftrag der Veranstalter. Es wird von der Deutschen Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH gestellt.

Conference Structure

Konferenzstruktur

renewables 2004 is an intergovernmental conference with stakeholder participation. The conference will be augmented by a large number of side events and an exhibition at the conference venue or nearby.

renewables 2004 ist eine Regierungskonferenz mit Beteiligung von Interessengruppen. Konferenzbegleitend finden Rahmenveranstaltungen und eine Ausstellung am Veranstaltungsort sowie in der näheren Umgebung statt.

Programme Overview

International Conference for Renewable Energies, Bonn 2004				Parliamentary Forum
Tuesday 1 June	Wednesday 2 June	Thursday 3 June	Friday 4 June	Wednesday 2 June
Plenary Session I Opening Session	Plenary Session IV Best-Practice Examples and Success Stories	Ministerial Segment		For details, see programme of the International Parliamentary Forum on Renewable Energies www.ipf-renewables2004.de
		Plenary Session II Multi-Stakeholder Dialogue Part A	Plenary Session A Opening Keynotes "Voices from the regions"	
Lunch Break				
Plenary Session III Multi-Stakeholder Dialogue Part B	Plenary Session V Best-Practice Examples and Success Stories continued	Ministerial Roundtables		
		Plenary Session B Discussion of Conference Outcomes		

In addition: ■ Side Events ■ Conference Exhibition
 ■ Receptions ■ Excursions ■ Related Events

Tuesday, 1 June: Opening Session & Multi-Stakeholder Dialogue

IKBB, Plenary Hall 09:00 – 10:00 h	<p>■ Plenary Session I / Opening Session</p> <p>Opening Addresses by Co-Chairs Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany</p> <p>Host City Welcome Address Ms Bärbel Dieckmann, Mayor of Bonn, Germany</p> <p>Host Federal State Welcome Address Mr Peer Steinbrück, Minister President of the Federal State of North Rhine-Westphalia, Germany</p> <p>Introductory Keynote I Mr Rajendra K. Pachauri, Director General, Energy and Resources Institute, India, and Chairman of the Intergovernmental Panel on Climate Change</p> <p>Introductory Keynote II Mr Chakib Khelil, Minister of Energy and Mining, Algeria</p>
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10:00 – 11:00 h	Coffee Break
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IKBB, Plenary Hall 11:00 – 13:30 h	<p>■ Plenary Session II / Multi-Stakeholder Dialogue (MSD) Part A: The Value and Opportunities of Renewable Energy – Policy Frameworks and Regulatory Certainty</p> <p>Co-Chairs Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany</p> <p>Facilitator Mr David Hales, Stakeholder Forum for Our Common Future, United Kingdom</p> <p>Frame 1: The Importance, Value and Contributions of Renewable Energy</p> <p>Introductory Statements Stakeholders, including renewable energy manufacturers and suppliers, actors in poverty alleviation and non-governmental organisations, followed by a facilitated dialogue among civil society and governments</p> <p>Frame 2: Promoting Renewable Energy: Policy Frameworks and Regulatory Certainty</p> <p>Introductory Statements Stakeholders, including business and industry, finance and non-governmental organisations, followed by a facilitated dialogue among civil society and governments</p> <p>Summary by Co-Chairs</p>
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13:30 – 15:00 h	Lunch Break
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IKBB,
Plenary Hall
15:00 – 18:30 h

■ **Plenary Session III / Multi-Stakeholder Dialogue (MSD)**
Part B: Promoting Renewable Energy –
Delivering Finance and Capacity for the Future

Frame 3: Promoting Renewable Energy – Financing the Future

Introductory
Statements

Stakeholders, including local government, non-governmental organisations, scientific and technological community and the finance sector, followed by a facilitated dialogue among civil society and governments

Frame 4: Promoting Renewable Energy – Capacity Building

Introductory
Statements

Stakeholders, including non-governmental organisations, local government, women and consumers, followed by a facilitated dialogue among civil society and governments

Summary by Co-Chairs

■ **In addition: Side Events – Conference Exhibition – Receptions – Excursions – Related Events** (see pages 22-34)

Multi-Stakeholder Dialogue (MSD)*

The Multi-Stakeholder Dialogue (MSD) ensures integrated stakeholder participation in the conference. It is organised by Stakeholder Forum for Our Common Future, London, and chaired by the two German ministers representing the German Government as host of the conference. Besides providing political input at the conference, the MSD will contribute to identifying concrete actions and commitments by stakeholders to become part of the International Action Programme. An International Advisory Group has been established to represent the various stakeholder groups.

www.stakeholderforum.org/practice/renewables2004.php

(*) Women, NGOs, local and regional authorities, trade unions, consumers, business & industry including the financial sector, scientific and technological community, farmers, actors in development & poverty alleviation, renewable energy manufacturers and suppliers (including renewable energy associations)

Dialog der Beteiligten (MSD)*

Der Dialog der Beteiligten (Multi-Stakeholder-Dialog, MSD) stellt eine Stakeholder-Beteiligung auf der Konferenz sicher. Er wird vom Stakeholder Forum for Our Common Future, London, organisiert; den Vorsitz haben die beiden deutschen Minister/in, die die Bundesregierung als Gastgeberin der Konferenz vertreten. Neben einem politischen Beitrag zur Konferenz wird der MSD dazu beitragen, konkrete Maßnahmen und Verpflichtungen der Stakeholder zu identifizieren, die Bestandteil des Internationalen Aktionsprogramms werden sollen. Eine internationale Beratergruppe (International Advisory Group) repräsentiert die verschiedenen Beteiligten.

www.stakeholderforum.org/practice/renewables2004.php

(*) Frauen, NRO, Gemeinden und regionale Körperschaften, Gewerkschaften, Verbraucher, Privatwirtschaft einschließlich des Finanzsektors, Wissenschaft und Technologie, Landwirte, Akteure im Bereich der Entwicklungszusammenarbeit und der Armutsbekämpfung, Hersteller und Lieferanten auf dem Gebiet der erneuerbaren Energien (einschließlich Verbände im Bereich der erneuerbaren Energien)

Wednesday, 2 June: Best-Practice Examples and Success Stories

IKBB, Plenary Hall 09:00 – 10:30 h	<p>■ Plenary Session IV/A: Policies for Renewable Energy Market Development Electricity</p> <p>Co-Chairs Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany Mr Carlos Magariños, Director General, UNIDO</p> <p>Eminent expert Ms Jennifer Morgan, Director, Climate Change Programme, WWF</p> <p>Presentations ■ The Brightness and Township Electrification Programme Mr Ma Shenghong, China ■ Best practice for realising wind energy projects: Windfarm Bimolten Mr Aloys Wobben, CEO, Enercon GmbH ■ The Energy Services Delivery Project of Sri Lanka Mr Jayantha Nagendran, Project Director, DFCC Bank, Colombo ■ Successful policies for photovoltaic development – lessons learnt Mr Steve Westwell, CEO and President, BP Solar</p>
10:30 – 11:00 h	Coffee Break
IKBB, Plenary Hall 11:00 – 12:30 h	<p>■ Plenary Session IV/B: Policies for Renewable Energy Market Development Heat and Transport</p> <p>Co-Chairs Ms Renate Künast, Federal Minister for Consumer Protection, Food and Agriculture, Germany NN</p> <p>Eminent expert Mr Thomas Johansson, Director, International Institute for Industrial Environmental Economics, Sweden</p> <p>Presentations ■ Strategies for Biomass Energy. The SADC Programme for Biomass Energy Conservation (ProBEC) Mr Freddie Mothlatledi, Director, Energy Affairs SADC South Africa ■ Municipal policies for promotion of renewable energy and energy efficiency Mr Jürg Hofer, City of Basel, Switzerland ■ Domestic Biogas: Capturing the market Mr Sundar Bajgain, Executive Manager, Biogas Support Program, Nepal ■ The Brazilian ethanol programme – biofuels for transport Mr Emílio la Rovere, Federal University of Rio de Janeiro, Brazil</p>
12:30 – 14:00 h	Lunch Break

■ **In addition: Side Events – Conference Exhibition – Receptions – Excursions – Related Events** (see pages 22-34)

IKBB,
Plenary Hall
14:00 – 15:30 h

■ Plenary Session V/A: Financing Options for Renewable Energies

- Co-Chairs** **Ms Heidemarie Wieczorek-Zeul**, Federal Minister for Economic Cooperation and Development, Germany
Mr Leonard Good, CEO and Chairman, Global Environment Facility (GEF)
- Eminent expert** **Mr Jamal Saghir**, Director, Energy and Water, The World Bank
- Presentations**
- Grameen Shakti – An Integrated Approach to Rural Energy Service
Mr Dipal Barua, Managing Director, Grameen Shakti, Bangladesh
 - Czech Republic Energy Efficiency and Renewables Umbrella Project
Mr Josef Bubenik, Director, Czech Energy Agency, Czech Republic (tbc)
 - Renewable energy through enterprise development
Ms Christine Eibs-Singer, Deputy Executive Director E+Co, USA, and **Mr Abeeku Brew-Hammond**, Director, Kite, Ghana
 - Financial formulas for the take-off of renewable energy sources
Mr Cayetano Hernández, Operations Director, IDAE, Spain

15:30 – 16:00 h

Coffee Break

IKBB,
Plenary Hall
16:00 – 17:30 h

■ Plenary Session V/B: Strengthening Capacities, Research and Technology Development, Institutions

- Co-Chairs** **Mr Ernst Ulrich von Weizsäcker**, Chairman, Bundestag Committee on Environment and Nuclear Safety, Germany
NN
- Eminent expert** **Mr Stephen Karekezi**, Director, African Energy Policy Research Network (AFREPREN/FWD)
- Presentations**
- Stakeholder Dialogue on Dams in South Africa
Mr Brian Hollingworth, Chairman, South African WCD Follow-up Process and **Mr Alberto T. Calcagno**, Coordinator DDP, UNEP
 - The Concentrating Solar Power Global Market Initiative (GMI) as a result of Research and Development
Ms Lorraine T. Hunt, Lieutenant Governor, State of Nevada, USA
 - Applications of solar thermal energy in the Mediterranean basin
Mr Mohamed Ezzedine Khalfallah, Director General, Agence Nationale des Energies Renouvelables, Tunisia and **Mr Jean-Louis Bal**, Director, ADEME
 - Geothermal energy training in Iceland for professionals from developing countries
Mr Ingvar Fridleifsson, Director, UN University Reykjavik, Iceland
 - Research and Development on Photovoltaics in Germany – main emphasis and approach
Mr Joachim Luther, Director, Fraunhofer Institute Solar Energy Systems, Germany

Thursday, 3 June: Ministerial Segment

<p>IKBB, Plenary Hall 09:00 – 12:00 h</p>	<p>■ Plenary Session A / Opening and Keynotes</p> <p>Co-Chairs Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany</p> <p>Opening Address Mr Gerhard Schröder, Chancellor of the Federal Republic of Germany</p> <p>Keynote Address I Mr Klaus Töpfer, Executive Director, UNEP</p> <p>Keynote Addresses II + III High-ranking Speakers</p> <p>Statement Mr Peter Woicke, Managing Director, World Bank, and Executive Vice President, International Finance Corporation</p> <p>Statement Ms Margot Wallström, European Commissioner for the Environment</p> <p>“Voices from the Regions” Ms Dilma Rousseff, Minister for Energy, Brazil Mr Abdulrahman Tarmoom, Minister of Electricity, Yemen Mr Prommin Lersuridej, Minister for Energy, Thailand Ms Syda Namirembe Bbumba, Ministry of Energy and Mineral Development, Uganda Mr Dermot Ahern, Minister for Communications, Marine and Natural Resources, Ireland Ms Sheila Dikshit, Chief Minister of New Delhi, India</p> <p>Report from MSD Rapporteur</p> <p>Report from International Parliamentary Forum Mr Hermann Scheer, Chair, International Parliamentary Forum</p>
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12:00 – 14:30 h Lunch Break

<p>IKBB Plenary Hall 14:30 – 16:30 h</p>	<p>■ Ministerial Roundtables</p> <p>Roundtable A: Policies for Renewable Energy Market Development</p> <p>Co-chairs Ms Kerstin Müller, Minister of State, Foreign Office, Germany Mr Zhang Guobao, Vice Chairman NDRC, China</p> <p>Keynote Mr Svend Sigaard, President and CEO, Vestas Wind Systems A/S</p> <p>Eminent expert Mr Christopher Flavin, President, World Watch Institute</p>
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<p>Bundesrat 14:30 – 16:30 h</p>	<p>■ Ministerial Roundtables Roundtable B: Financing Options for Renewable Energy</p> <p>Co-Chairs Mr Enrique Iglesias, President, Inter-American Development Bank (tbc) Mr Janez Kopac, Minister of Environment, Spatial Planning and Energy, Slovenia (tbc)</p> <p>Keynote NN</p> <p>Eminent expert Ms Marianne Haug, Director, Energy Efficiency, Technology and R&D, International Energy Agency</p>
<p>Wasserwerk 14:30 - 16:30 h</p>	<p>Roundtable C: Strengthening Capacities, Research and Technology Development, Institutions</p> <p>Co-Chairs Mr Mohammed Boutaleb, Minister for Energy and Mines, Morocco Mr Moritz Leuenberger, Federal Councillor, Head of the Federal Department of Environment, Transport, Energy and Communications, Switzerland</p> <p>Keynote Mr David Garman, Acting Under-Secretary, Department of Energy, USA</p> <p>Eminent expert Mr Ogunlade Davidson, Dean of the Faculty of Engineering, University of Sierra Leone, Fourah-Bay College</p>

16:30 – 17:00 h Coffee Break

<p>IKBB, Plenary Hall 17:00 – 20:00 h</p>	<p>■ Plenary Session B / Discussion of Conference Outcomes</p> <p>Co-Chairs Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany</p> <p>Reports from Ministerial Roundtables A-C Rapporteurs</p> <p>Presentation of Draft “Policy Recommendations for Renewable Energies” Mr Michael Hofmann, Director General, Federal Ministry for Economic Cooperation and Development, Germany Mr Rainer Hinrichs-Rahlwes, Director General, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany</p> <p>Presentation of Draft “International Action Programme”</p> <p>Presentation of Draft “Political Declaration” Mr Mohamed El-Ashry, Conference Facilitator</p> <p>Discussion</p> <p>Closing Remarks</p>
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■ **In addition: Side Events – Conference Exhibition – Receptions – Excursions – Related Events** (see pages 22-34)

Friday, 4 June: Ministerial Segment (continued)

<p>IKBB, Plenary Hall 09:00 – 10:30 h</p>	<p>■ Plenary Session C / Ministerial Panels</p> <p>Panel 1: Energy services and the Millennium Development Goals – The role of renewable energies and energy efficiency</p> <p>Co-chairs Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany Mr Phumzile Mlambo-Ngcuka, Minister of Energy, South Africa</p> <p>Keynote Ms Nemat Shafik, Vice President Infrastructure, The World Bank Group</p> <p>Panel Discussion Mr Hassan Ahmed Younes, Minister of Electricity and Energy, Egypt (tbc) Mr Habibollah Bitaraf, Minister of Energy, Iran (tbc) Mr Vincent S. Pérez Jr., Secretary, Department of Energy, Philippines</p> <p>Comments from Plenary</p> <p>Responses from panel members</p> <p>Conclusions</p>
<p>IKBB, Plenary Hall 10:30 – 12:00 h</p>	<p>Panel 2: The contribution of renewable energies in meeting the climate challenge</p> <p>Co-chairs Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany Mr Felipe Calderón Hinojosa, Secretary of Energy, Mexico (tbc)</p> <p>Keynote Ms Joke Waller-Hunter, Executive Director, UNFCCC</p> <p>Panel Discussion Mr Tomita Takashi, CEO, Sharp Solar Mr Jose Ma Lorenzo Tan, President, WWF Philippines Mr Peter Sedgwick, Vice President, European Investment Bank (EIB) Mr Claude Mandil, Executive Director, International Energy Agency (IEA)</p> <p>Comments from Plenary</p> <p>Responses from panel members</p> <p>Conclusions</p>

IKBB,
Plenary Hall
12:00 – 13:00 h

■ Plenary Session D / Closing Session

Co-chairs	Mr Jürgen Trittin , Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany Ms Heidemarie Wieczorek-Zeul , Federal Minister for Economic Cooperation and Development, Germany
Presentation of Conference Outcomes	Mr Mohamed El-Ashry , Conference Facilitator
Adoption of Conference Outcomes	
Closing Address	Ms Heidemarie Wieczorek-Zeul , Federal Minister for Economic Cooperation and Development, Germany
Closing Address	Mr Jürgen Trittin , Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany

■ **In addition: Side Events – Conference Exhibition – Receptions – Excursions – Related Events** (see pages 22-34)

Side Events

On all four days of the conference, more than 60 side events related to the conference themes and organised by the conference participants will be taking place.

1 June, Lunch Break

Deutsche Welle, Gremiensaal 12:00 - 14:00 h	<ul style="list-style-type: none"> ■ Global Village Energy Partnership (GVEP) Global Village Energy Partnership
Tulpenfeld 4 DIE - Hörsaal 1519 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ Clean Energy Group U.S. State Renewable Energy Funds: Leading the Way on Renewable Energy Investment in the United States
Tulpenfeld 6 InWEnt, Spiegelsaal 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ e7 network Renewable Energy Technology Diffusion: The e7 Perspective
Haus der Geschichte, Multivision 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ European Environment Agency (EEA) Energy Subsidies in the European Union
Bundesrat, Saal 315 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ GE Energy Offshore Wind Energy – Technology, International Experiences and Outlook
Bundesrat, Saal 314 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ Institute for Sustainable Energy Policies, Japan Dialogues between Germany, Japan and Korea: Market and Policies for REs – What Makes Differences?
Presse- und Informations- amt, Pressesaal 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ KfW Bankengruppe/The World Bank Group Financing Renewable Energies in International Financial Cooperation – Innovative Concepts for Ensuring Sustainability and Broadening Access

1 June, After Session

Presse- und Informations- amt, Pressesaal 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Argentinean Wind Energy Association (AAEE), Ministry of Infrastructure of Buenos Aires Province, Provincial Secretary of Energy, National Technological University, Argentina CAPSA - Capex S.A. - Interenergy The Martín García Island Proposal (AAEE) Large-Scale Wind Hydrogen Production in the Argentine Patagonia (CAPSA)
Tulpenfeld 6 InWEnt, Spiegelsaal 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Heinrich Boell Foundation Germany and North America Approaches to Create Sustainable Energy Markets and to Increase the Share of Renewable Energy for Sustainable Development
IKBB, Pumpenhaus 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Inter-American Development Bank (IADB), European Bank for Reconstruction and Development (EBRD), Asian Development Bank (ADB) and African Development Bank (AFDB) in collaboration with the United Nations Framework Convention on Climate Change (UNFCCC) Secretariat Sustainable Renewable Energy Development and Regional Development Banks: Experiences and Opportunities
Tulpenfeld 4 DIE - Hörsaal 1519 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Malian National Delegation Mali – New Perspectives for Renewable Energy

Side Events

Bundesrat, Saal 315 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Ministry of Water and Power, Afghanistan How to Pave the Way to Renewable Energy in Afghanistan
Haus der Geschichte, Konferenzraum 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ Renewable Energy Certificate System (RECS International) A Successful Cost Efficient and Reliable Green Certificate Market for Renewable Energy
Haus der Geschichte, Saal 18:30 - 20:00 h	<ul style="list-style-type: none"> ■ The Caribbean Community (CARICOM) Secretariat and the South Pacific Regional Environment Programme / Secretaria de Estado de Industria y Comercio (SEIC), Departamento Energía no Convencional Comisión Nacional de Energía (CNE, Cerencia de Energías Alternas) Issues and Opportunities for Renewable Energy in the Caribbean and Pacific Islands / Dominican Republic – Investment Opportunities in the Heart of the Caribbean

2 June, Lunch Break

Charles-de- Gaulle-Str. 5 9:00 - 12:00 h	<ul style="list-style-type: none"> ■ World Wind Energy Association (WWEA) and International Federation of Organic Agriculture Movements (IFOAM) Changing Paradigms for a Sustainable Future: New Development Perspectives for Rural Areas Through Renewable Energies and Organic Agriculture
IKBB, Pumpenhaus 11:00 - 14:00 h	<ul style="list-style-type: none"> ■ The Directorate-General for Energy and Transport (DG TREN) / Environment (DG ENV) / Research, Technological Development and Demonstration on Space and on Observing Systems (DG RTD) European Commissions and EU Activities in the Field of Renewable Energies
Haus der Geschichte, Multivision 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ CEE Bankwatch Network Fossil Fuels or Renewables – What Should Be the Priority for the Multilateral Development Banks?
Deutsche Welle, Gremiensaal 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH and Deutsches Institut für Entwicklungspolitik (DIE) The Renewable Energy Reality Check: Chances, Limits and Impacts on Poverty Alleviation and Climate Protection
Presse- und Informations- amt, Pressesaal 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Friends of the Earth / Bund für Umwelt und Naturschutz Deutschland (BUND) War on Oil or Peace Through Renewables?
Tulpenfeld 6 InWEnt, Spiegelsaal 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Global Environment Facility (GEF) Powering Sustainable Development: The Renewable Energy Partnerships with Developing Countries of GEF
Bundesrat, Saal 315 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Ministry of Industry, Mines and Energy, Royal Government of Cambodia Cambodia's Renewable Energy Commitments
IKBB, Room F+G 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Ministry of Urban Development and Housing, Culture and Sport; Ministry of Transport, Energy and Spatial Planning North Rhine-Westphalia, Germany Solar and Energy Saving Construction and the Kyoto Instruments

Side Events

Haus der Geschichte, Saal 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Network of Regional Governments for Sustainable Development (NRG4SD) Renewables – Challenges and Success Stories at the Regional Level
Bundesrat, Saal 314 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ The Renewable Energy and International Law Project (REILP), World Conservation Union (IUCN) and Adelphi Research International Law and the Promotion of Renewable Energy
Tulpenfeld 4 DIE - Hörsaal 1519 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ United Nations Environment Programme (UNEP) – Dams and Development Project Is the World Commission on Dams Report a Suitable Tool for Assessing the Sustainability of Hydropower?
Tulpenfeld 7 Allianz Konferenzsaal 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ World Wildlife Fund (WWF) and World Resources Institute (WRI) The Business Case for Renewable Energy
Tulpenfeld 6 InWEnt, Room K20 12:30 - 14:00 h	<ul style="list-style-type: none"> ■ Wuppertal Institute, Germany and Centre for Environment and Energy Research and Studies (CEERS), Iran Towards a Sustainable Energy System: Integrating Renewable Energy and Energy Efficiency Is the Key
e5 Café 13:30 - 15:00 h	<ul style="list-style-type: none"> ■ e5, European Business Council for Sustainable Energy Investment Security for Renewable Energies

2 June, After Session

Tulpenfeld 7 Allianz Konferenzsaal 15:30 - 19:00 h	<ul style="list-style-type: none"> ■ National Development and Reform Commission, China “China Day” – People's Republic of China, New Era of Renewable Energy in China – Past Accomplishments and Future Perspective
Tulpenfeld 6 InWEnt, Spiegelsaal 17:00 - 20:00 h	<ul style="list-style-type: none"> ■ Trans-Mediterranean Renewable Energy Cooperation (TREC) Potential of Economical Reasonable Renewable Energy Sources and Their Implementation in the Trans-Mediterranean Region
Bundesrat, Saal 315 17:30 - 19:00 h	<ul style="list-style-type: none"> ■ American Council on Renewable Energy (ACORE) Renewable Energy in America
Tulpenfeld 4 DIE - Hörsaal 1519 17:30 - 19:00 h	<ul style="list-style-type: none"> ■ Citizens United for Renewable Energies and Sustainability (CURES) Renewable Energies and Poverty Reduction – The Role of Multilateral Development Cooperation
Haus der Geschichte, Multivision 17:30 - 19:00 h	<ul style="list-style-type: none"> ■ German Advisory Council on Global Change (WBGU) Milestones for the Transformation of the World Energy System
IKBB, Pumpenhaus 17:30 - 19:00 h	<ul style="list-style-type: none"> ■ Global Network on Energy for Sustainable Development (GNESD) GNESD Outcomes and the Role of Renewable Energy Technologies in Poverty Alleviation
Bundesrat, Saal 315 17:30 - 19:00 h	<ul style="list-style-type: none"> ■ International Network on Gender and Sustainable Energy and LIFE e.V. (ENERGIA), Focal Point Gender Justice and Sustainability Renewable Energy – Gender Perspectives in North and South

Side Events

<p>Haus der Geschichte, Konferenzraum 17:30 - 19:00 h</p>	<p>■ Ministry of Energy and Mining, Senegal Strategic Approach and Action Plan 2004 – 2014 for the Revival of the Development of Renewable Energies in Senegal</p>
<p>Deutsche Welle, Gremiensaal 17:30 - 19:00 h</p>	<p>■ New Energy and Industrial Technology Development Organization (NEDO), Japan Challenges to Achieving Breakthroughs in New/Renewable Energy Technology Development</p>
<p>Haus der Geschichte, Saal 17:30 - 19:00 h</p>	<p>■ Worldwatch Institute (USA), Germanwatch (Germany), TERI (India) and Institute for Sustainable Energy Policies (Japan) Lessons from the Frontline: Who's Succeeding with Renewable Energy and Why</p>

3 June, Lunch Break

<p>Tulpenfeld 4 DIE - Hörsaal 1519 12:00 - 14:00 h</p>	<p>■ African Energy Policy Research Network & Heinrich Boell Foundation – East & Horn of Africa Office How Can Renewables Benefit Africa?</p>
<p>Bundesrat, Saal 314 12:00 - 14:00 h</p>	<p>■ Central Energy Fund CEF (Pty) Ltd The Energy Development Corporation of CEF (Pty) Ltd – A Newly Established Division for Furthering a Renewable Energy Agenda in Africa</p>
<p>Deutsche Welle, Gremiensaal 12:00 - 14:00 h</p>	<p>■ European Renewable Energy Council (EREC), Greenpeace and World Wildlife Fund (WWF) Renewables, Energy Policy and Climate Targets</p>
<p>IKBB, Pumpenhaus 12:00 - 14:00 h</p>	<p>■ European Union Energy Initiative (EUEI) Sustainable Management and Use of Local Energy Resources</p>
<p>Haus der Geschichte, Saal 12:00 - 14:00 h</p>	<p>■ International Energy Agency (IEA) Technology, Market and Policy Trends for Renewables</p>
<p>Tulpenfeld 6 InWEnt, Spiegelsaal 12:00 - 14:00 h</p>	<p>■ Italian Ministry for the Environment and Territory Mediterranean Renewable Energy Initiative (MEDREP)</p>
<p>Bundesrat, Saal 315 12:00 - 14:00 h</p>	<p>■ Ministry of Energy and Mineral Development, Uganda Energy Policy Supporting Renewables</p>
<p>Presse- und Informationsamt, Pressesaal 12:00 - 14:00 h</p>	<p>■ Renewable Energies Development Center, Morocco Partnership Practices for Renewable Energies Market Development: Experiences and Prospects</p>
<p>Tulpenfeld 6 InWEnt, Room K20 12:00 - 14:00 h</p>	<p>■ Swedish Ministry of Industry, Employment and Communications The Swedish Green Certificate System – Background, Experiences and Future Developments</p>
<p>Tulpenfeld 7 Allianz Konferenzsaal 12:00 - 14:00 h</p>	<p>■ The Renewable Energy and Energy Efficiency Partnership (REEEP) Increasing the Global Uptake of Renewable and Energy Efficient Technologies</p>

Side Events

Haus der
Geschichte,
Multivision
12:00 - 14:00 h

■ **United Nations Development Programme (UNDP)**
Book Launch: Financing Mechanisms & Delivery Methods for Solar PV
Initiatives: Experiences and Lessons from Africa

Haus der
Geschichte,
Konferenzraum
12:00 - 14:00 h

■ **United Nations Industrial Development Organization (UNIDO)**
Strategies for Sustainable Energy Service Supply

e5 Café
13:00 - 16:00 h

■ **Brno Exhibition Company (bv)**
Creating Opportunities for Small and Medium Enterprises: e5's Sustainable
Energy Accelerator

3 June, After Session

Deutsche Welle,
Gremiensaal
15:00 - 17:00 h

■ **United Nations Convention to Combat Desertification (UNCCD)**
Parliamentary Forum on Linkages Between Desertification and Renewable
Energies

Business Forum,
Renewables
16:00 - 19:00 h

■ **Eurelectric, European Renewable Energy Federation,
Union for the Co-ordination of Transmission of Electricity**
The Integration of Renewable Energy Systems into the Grid

Tulpenfeld 6
InWEnt,
Spiegelsaal
16:30 - 18:00 h

■ **InWEnt Capacity Building International, Germany in cooperation
with Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)
GmbH, KfW Bankengruppe, The World Bank Group**
Enhancing Productivity in Rural Areas – the Role of Renewable Energies

Haus der
Geschichte, Saal
18:00 - 20:00 h

■ **ICLEI – Local Governments for Sustainability**
Cities for Climate Protection (CCP) Campaign

Presse- und
Informations-
amt, Pressesaal
18:00 - 20:00 h

■ **World Conference on Transport Research (WCTR) and German
Image Campaign “Natural Gas Vehicles”**
Transport in Developing Countries: Renewable Energy or Energy
Reduction?

Haus der
Geschichte,
Multivision
18:00 - 20:00 h

■ **World Resources Institute, Campagna per la Riforma della Banca
Mondiale (CRBM), Friends of the Earth-US, GLOBE International,
Les Amis de la Terre, Institute for Policy Studies and Urgewald**
Facilitating Investment in Renewable Energy: What Role for Export Credit
Agencies?

Side Events

One-day Side Events

A number of side events focusing on the same special themes have been combined into one-day side events.

1 June 2004
Wissenschafts-
zentrum
10:15 - 18:00 h

■ **Science Forum “Research, Development and Education – The Basis for Widespread Employment of Renewable Energies”**

Organised by Solar Energy Research Association (FVS)

With side events organised by Energy Research Centre, Study Group of German Aerospace Centre (DLR), Wuppertal Institute for Climate, Environment, Energy (WI), Institute for Energy and Environment (IFEU), Center for Solar and Hydrogen Research (ZSW) in connection with Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), Institute for Sustainable Solutions and Innovations (ISUSI), The International Solar Energy Society (ISES), Institute for Ecological Economy Research (IÖW), Federal Association for Renewable Energies (BEE), European Renewable Energies Federation (EREF), Consortium of German Academic Exchange Service (DAAD), Universities of Flensburg, Bonn (ZEF), Göttingen and Oldenburg, Germany

www.fv-sonnenenergie.de/Termine/index.html

2 June 2004
Hotel Maritim
9:00 - 18:00 h

■ **“Day of Geothermal Power”**

Organised by UNEP Energy, the Federal Institute for Geosciences and Natural Resources (BGR), Rödl & Partner, German Geothermal Union (GtV), GeoForschungsZentrum Potsdam (GFZ), International Geothermal Association (IGA) and KfW Bankengruppe

www.unep.org/gef/geothermal

3 June 2004
Wissenschafts-
zentrum
10:30 - 18:30 h

■ **“Day of Biomass”**

With side events organised by Ministry of the Environment and Conservation, Agriculture and Consumer Protection of North Rhine-Westphalia (MUNLV), Agency for Renewable Resources (FNR), Food and Agricultural Organisation of the United Nations (FAO), Hessian Ministry of the Environment, Rural Development and Consumer Protection (HMULV), IBBK and FNBB e.V., ONG POPDEV-Ass. Populations & Développement, Southern African Development Community (SADC), The World Alliance for Decentralised Energy (WADE)/ International Solar Energy Society (ISES) and Interdisciplinary Centre of Sustainable Development University of Göttingen, Germany

Conference Exhibition

Some 600 m² in the lobby of the International Congress Centre (Internationales Kongresszentrum Bundeshaus Bonn, IKBB) have been made available for an exhibition to accompany the conference.

■ **Agence Nationale des Energies Renouvelables (ANER) Tunisia**

Planned Wind Energy Development in Tunisia: Project Side Information for Developers

■ **Australian Greenhouse Office**

Renewable Energy in Australia

■ **Austrian Ministry of Environment**

Renewable Energy Policies and Technology in Austria

■ **Bayern Innovativ GmbH / Bayerisches Energie-Forum / Bayerisches Zentrum für angewandte Energieforschung e.V. – ZAE Bayern / C.A.R.M.E.N. e.V.**

Bavarian Competence in Energy

■ **BSP-Nepal – SNV Netherlands Development Organization – KfW Entwicklungsbank**

Domestic Biogas

■ **Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)**

Geothermal energy – how to tap the hidden resource?

■ **Bundesverband Solarindustrie (BSi)**

Solar Energy for the World

■ **Central Energy Fund (CEF) Pty Ltd., Energy Development Corporation**

Renewable Energy in Africa from Large to Small Scale

■ **Church Development Service / Bread for the World**

Renewables in Tanzania

■ **City of Freiburg, Germany**

Solar Region Freiburg

■ **CURES Network**

Citizens United for Renewable Energies and Sustainability: The Future is Renewable

■ **Deutsche Energie Agentur GmbH (dena)**

Renewables made in Germany

■ **Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH**

Partnerships to Power the Future

■ **e7**

e7 – Energy in Action

■ **Energy and Environment Partnership with Central America**

Energy and Environment Partnership with Central America

■ **European Commission**

European Union Energy Initiative

■ **European Environment Agency (EEA)**

Renewable Energies: Success Stories

■ **European Investment Bank (EIB)**

EIB support to EU Climate Change Policies

■ **European Renewable Energy Council (EREC)**

European Renewable Energy Council

■ **EUROSOLAR e.V. / World Council for Renewable Energy (WCRE)**

EUROSOLAR and WCRE Activities

Conference Exhibition

■ **Federal Environmental Agency, Germany**

The German website www.energy-germany.de

■ **Federal Government of Germany**

German Government Information Stand and Lounge

■ **Federal State of North Rhine-Westphalia, Germany**

Future Energies in North Rhine-Westphalia

■ **Free Energy Foundation**

Public Private Partnerships for Rural Electrification

■ **French Environment and Energy Management Agency (ADEME)**

Renewable Energies : the French Know-How

■ **Geothermische Vereinigung e.V.**

Geothermal Energy Worldwide

■ **German Advisory Council on Global Change (WBGU)**

Milestones for an Energy Transformation Roadmap: Proposals of the WBGU

■ **German Engineering Federation (VDMA) Power Systems**

Association of Manufacturers of Bioenergy, Hydro Power and Wind Energy Plants

■ **Global Environment Facility (GEF)**

The GEF: Powering Sustainable Development

■ **Greenpeace International**

Jobs! Energy! Future!

■ **Hessian Ministry for Environment (HMULV), Rural Development and Consumer Protection**

Using Biomass Energy for Hesse

■ **IEA SolarPACES Implementing Agreement**

Concentrating Solar Power for the Global Market Initiative

■ **Image Campaign "Natural Gas Vehicles", Germany**

Synergies Between Natural Gas and Sun Gas as Fuels

■ **Intermediate Technology Development Group (ITDG)**

Smoke Alert! – Global Action to Reduce the Health Impacts of Biomass Cooking in Developing Countries

■ **International Energy Agency (IEA)**

IEA – Renewable Energy Policy and Technology

■ **InWent Capacity Building International, Germany**

Capacity Building – Cooperation with Partners in the South for a Sustainable Energy Future

■ **KfW Bankengruppe**

Clean Energy Finance Worldwide – Custom-Made Solutions for Renewable Energies and Energy Efficiency

■ **Malian National Delegation**

Mali – New Perspectives for Renewable Energy

■ **Ministry of Energy and Mineral Development of Uganda**

The Importance of Renewable Energies for the Development of Uganda

■ **Münchener Rückversicherungs-Gesellschaft**

Renewable Energies – Insuring a Technology of the Future

Conference Exhibition

■ **Norwegian Water Resources and Energy Directorate (NVE)**

Bridging People for Development

■ **Renewable Energy Federation (BEE) e.V., Germany**

Renewable Energies in Germany

■ **Solux e.V.**

Solar Lanterns and Modules

■ **The Spanish Institute for the Diversification and Saving of Energy (IDAE)**

IDAE: Promoting the Development of Renewable Energy in Spain

■ **The World Bank Group**

Renewable Energy for Sustainable Development: World Bank Group Support

■ **The World Conservation Union (IUCN)**

Sustainable Renewables

■ **UNIDO**

UNIDO Activities

■ **United Nations (UN)**

UN and Sustainable Development

■ **United Nations Environment Programme (UNEP) Risø Centre / GNESD**

UNEP Energy Programme

■ **Wind Energy Association (BWE) e.V., Germany**

Wind Energy in Germany

■ **World Wind Energy Association (WWEA)**

Wind Energy Worldwide

■ **Würth Solergy**

RE Training and Production in Mali, Brazil and India

Receptions

On all three evenings of the conference, receptions will be held by different conveners. All participants are requested to present either their invitation or the Conference Badge in order to attend the receptions.

1 June 2004
Museum Square
19:30 h

■ **Reception by the German Federal State of North Rhine-Westphalia and the City of Bonn**

2 June 2004
Villa Hammer-
schmidt Park
19:00 h

■ **Reception by the Federal President of the Federal Republic of Germany, Mr Johannes Rau**
By invitation only

3 June 2004
Gästehaus
Petersberg
12:00 - 14:30 h

■ **Luncheon for Heads of Delegation at the invitation of Mr Gerhard Schröder, Chancellor of the Federal Republic of Germany**
By invitation only

3 June 2004
Hotel Königshof
20:30 h

■ **Reception by Ms Heidemarie Wieczorek-Zeul, Federal Minister for Economic Cooperation and Development, Germany and by Mr Jürgen Trittin, Federal Minister for the Environment, Nature Conservation and Nuclear Safety, Germany**

Related Events

renewables 2004 is accompanied by a number of related events organised by governments, national and international organisations, and organisations of civil society on their own responsibility.

2 June 2004
Wasserwerk

■ International Parliamentary Forum (IPF)

The German Bundestag has decided to hold an International Parliamentary Forum (IPF) during the International Conference for Renewable Energies. The Inter-Parliamentary Union (IPU) and other organisations and associations are involved in organising the Forum. To prepare the event, the Bundestag has set up a working group chaired by Dr Hermann Scheer, MdB (member of the Bundestag).

Some 300 parliamentarians from around the world are expected to meet and outline their experiences with renewable energies. To date, almost all the successful political strategies to mobilise renewable energies have been initiated by parliaments. The International Parliamentary Forum will foster an exchange of political experience and encourage debate among parliamentarians about new strategies aimed at more intensive use of renewables. The IPF will take the form of a plenary debate and will conclude with the adoption of a resolution, entitled "Renewable Energies – The Challenge for the 21st Century", which will be presented to the Plenary of the International Conference for Renewable Energies on 3 June 2004.

www.ipf-renewables2004.de

1-4 June 2004
Dahlmannstraße
14-18

■ Business Forum Renewables

At the interface between the private sector and politics, the Business Forum Renewables brings together enterprises, business associations and governmental institutions – all under one roof. Sustainable business solutions strongly depend on successful cooperation between private enterprises and policy-makers. The Business Forum therefore promotes dialogue between all stakeholders as well as the exchange of valuable information. Participants of renewables 2004 have free access to the Business Forum.

German and international firms, trade associations and the Federal Ministry of Economics and Labour (BMWA) will present their products, services and concepts relating to renewable energies on more than 500 m² of exhibition space. The exhibitors are: Federal Ministry of Economics and Labour, Renewable Energy Export Initiative, Berlin; Choren Industries GmbH (Mobility Group), Freiberg; DaimlerChrysler AG (Mobility Group), Stuttgart; Econsense – Forum for Sustainable Development of German Business, Berlin; EnBW Berlin, Berlin; Energiebau Solarstromsysteme GmbH, Cologne; Eon Energie AG, Munich; Faircount Ltd., London; G.A.S Energietechnologie GmbH, Krefeld; General Electrics Energy, Salzbergen; KfW Bankengruppe, Frankfurt; Kyocera Fineceramics GmbH, Esslingen; Lahmeyer International GmbH, Bad Vilbel; Lurgi AG, Frankfurt (Mobility Group); MTU CFC Solutions, Ottobrunn; Ormat International Inc., Sparks, Nevada, USA; REpower Systems AG, Hamburg; Rosendahl Energietechnik GmbH, Krefeld; Schott Glas, Mainz; Sharp Electronics (Europe) GmbH, Hamburg; Shell Global Solutions Deutschland (Mobility Group), Hamburg; Solar World AG, Bonn; Federal Statistical Office Germany, Wiesbaden; Statkraft SF, Oslo, Sun and Ice GmbH, Feichten; Vattenfall Europe, Berlin; VDMA (German Engineering Federation), Frankfurt am Main; Vestas Wind Systems A/S, Ringkoebing, Denmark.

In an interesting programme of events, companies, associations and ministries report on their experience in developing, using and financing renewable energies. The infotainment and bistro area provide opportunities for talking and relaxing. Monitors broadcast the official conference events.

The Business Forum is organised by Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH and Deutsche Energie-Agentur GmbH (dena) with financial support from the German Federal Ministry of Economics and Labour. Admission: day ticket € 5, season ticket € 15. Free access for participants of renewables 2004.

katja.suhr@gtz.de, joest@deutsche-energie-agentur.de

Related Events

1-2 June 2004
Post Tower

■ Sustainable Energy Finance Event (SEFI)

The Sustainable Energy Finance event “Creating the climate for change” is organised by UNEP Energy, UNEP Finance Initiative and BASE (Basel Agency for Sustainable Energy). The event will bring together international financiers and project developers to discuss finance-related issues in the sustainable energy sector relevant for both developing and industrialised regions. Participants will be provided with the tools, support and networks needed to drive the cycle of financial innovation focused on a greening of the energy mix.

“Creating the climate for change” aims to help decision-makers in the finance sector review the challenges and opportunities associated with investing in clean energy. The outcome shall be practicable solutions for bringing down the barriers to investment and deepening the market exposure to sustainable energy systems. The BASE Investment Forum forms part of the two-day event and will enable investors to make first-hand contact with innovative sustainable energy companies and projects.

www.sefi.unep.org/sef_bonn/

30-31 May 2004
Pumpenhaus

■ Municipal Leaders Conference (Local Renewables)

The Municipal Leaders Conference is an international community stakeholder forum to which primarily mayors and /or local decision-makers from around the world are invited. This high-policy event will focus on awareness-raising at the community action level concerning renewable energies and energy efficiency models. The local and regional levels play an important role in disseminating renewable energies and promoting energy efficiency. Towns, municipalities and rural areas in the North and South urgently need to develop sustainable energy policies. The use of renewable energy technologies is a win-win strategy for both industrial and developing countries. In order to make local political decision-makers heard, to benefit from their experience, and to work out a local government position towards sustainable energy policies with specific proposals and self-commitments, the Service Agency Communities in One World (Servicestelle Kommunen in der Einen Welt SKEW / InWEnt) in cooperation with Agenda Transfer/National Service Agency for Local Agenda 21 are organising this conference for international municipal leaders within the framework of the International Conference for Renewable Energies 2004.

As a high-policy event, Local Renewables is designed to contribute input from local governments to renewables 2004: The results of Local Renewables will be integrated into the Multi-Stakeholder Dialogue (MSD) on 1 June.

www.localrenewables2004.de

Related Events

<p>28 - 31 May 2004 Freie Waldorfschule, Bonn-Tannenbusch</p>	<p>■ Youth Conference “Youth Energy Summit” (YES 2004) Youth Alliance for Future Energy www.YES2004.de</p>
<p>29 - 31 May 2004 Kunst- und Ausstellungshalle</p>	<p>■ Second World Renewable Energy Forum: “Renewing Civilization by Renewable Energy” World Council for Renewable Energies (WCRE) www.wcre.org</p>
<p>30 - 31 May 2004 IUCN Environmental Law Centre</p>	<p>■ Sustainable Energy Development Practitioners’ Conference United Nations Foundation tfransen@unfoundation.org By invitation only</p>
<p>31 May 2004 Hilton</p>	<p>■ International Contracting Congress North Rhine-Westphalia - Framework - Program www.renewables2004-nrw.de</p>
<p>2 - 3 June 2004 Beethovenhalle</p>	<p>■ Job Fair Renewable Energies Wissenschaftsladen Bonn www.jobmesse-ee.de</p>
<p>2 - 5 June 2004 Villa Hammer-schmidt Park</p>	<p>■ Environment Week 2004 “With Energy for Sustainable Development” President of the Federal Republic of Germany / German Federal Environmental Foundation (DBU) / North Rhine-Westphalian Foundation for Environment and Development / German Energy Agency (dena) www.wochederumwelt.de</p>
<p>3 June 2004 Tulpenfeld, Haus 7, Room 512</p>	<p>■ “Beyond Bonn – The Parliamentary Follow-Up” e-Parliament, “Climate and Energy Network” hans.wolters@eparl.net</p>
<p>4 June 2004 Hilton</p>	<p>■ Energy Efficiency and Renewables in Enterprises. International Conference North Rhine-Westphalia - Framework - Program www.renewables2004-nrw.de</p>
<p>4 June 2004 Post Tower</p>	<p>■ Meeting of Government Representatives and Experts from North Rhine-Westphalia, Germany and India North Rhine-Westphalia - Framework - Program www.renewables2004-nrw.de</p>
<p>4 June 2004 Hotel Maritim</p>	<p>■ Roundtable Investment Opportunities The World Bank Group and KfW Bankengruppe karl.heidt@kfw.de By invitation only</p>
	<p>■ Regional pre-programme “renewable and efficient” Center for International Cooperation (CIC) Bonn GmbH / North Rhine-Westphalia / City of Bonn www.renewables.bonn.de</p>

Excursions

Parallel to the conference, the state of North Rhine-Westphalia (NRW) is offering excursions dealing with renewable energies and energy efficiency. Conference participants are cordially invited to join the excursions, which are related to successful projects and initiatives. Additional excursions are offered by the German Federal States of Lower Saxony, Baden-Wuerttemberg and Hesse.

Please note that excursions are for a limited number of participants only; the programme is subject to alterations. For detailed information on all excursions, please visit www.renewables2004-nrw.de/index_en.html. To register for the excursions, please contact renewables2004@energieland.nrw.de.

30 - 31 May 2004	■ 2-day excursion Renewable Energies in Baden-Wuerttemberg (Freiburg)
31 May 2004	■ Day trip Fuel Cells in NRW (Duisburg, Oberhausen, Essen)
31 May 2004	■ Day trip Solar Energy in the Ruhr Region (Gelsenkirchen, Herne)
4 June 2004, afternoon	■ Day trip 50 Solar Housing Projects in NRW (Cologne, Aachen)
4 June 2004, afternoon	■ Half-day trip Superconductor (Rheinbach)
4 June 2004, afternoon	■ Half-day trip EnergieStadt (Leverkusen)
4-6 June 2004	■ 3-day excursion Bioenergy in the Hesse Region (Witzenhausen)
4 -6 June 2004	■ 3-day excursion Wind Energy in East Frisia (Aurich)
5 June 2004	■ Day trip Biomass in Energy Generation – Focussing on Biogas and Biofuels (Cologne, Dorsten, Datteln, Herten)
5 June 2004	■ Day trip Biomass in Energy Generation – Focussing on Wood (Gummersbach, Eslohe, Olsberg)
5 June 2004	■ Day trip Energy from the Earth (Bonn, Krefeld, Dinslaken, Arnsberg)
6 June 2004	■ Day trip Hydro-electric Power in the Ruhr (Ruhr river, Sauerland)
6 June 2004	■ Day trip Wind Power in NRW (Grevenbroich)
6 June 2004	■ Day trip Science and Future Energies (Cologne, Jülich)

Technical Information

Technische Informationen

Participation

Conference participants come from national governments, the United Nations and other international organisations as well as civil society, the private sector and other stakeholder groups. Participants are accredited either as delegates or observers. The conference conveners expect more than 1,500 participants. Seats are limited, as is the capacity of the venue.

Registration / Badges

In order to gain access to all conference events, each accredited participant requires a conference badge, which will be issued on presentation of the participant's passport at the registration desk in the conference venue. Registration starts one day prior to the conference, on 31 May, from 10 am until 8 pm. Participants are advised to register on 31 May, if possible. On 1 June, the registration desk opens at 7.30 am.

Accommodation & Travel

Accommodation at hotels will be facilitated according to the information provided with the registration form. Participants will be accommodated in the hotel category of their choice. Please note that participants must pay their own expenses.

Participants are requested to make their own travel and visa arrangements. To facilitate visa processing, a copy of the invitation/confirmation should be attached to the visa application.

Weather

In early June, temperatures vary between 15° and 25°C and the weather might be wet. Up-to-date information on weather is available at the city of Bonn's website:

www.bonn.de.

Conference languages and documents

The conference languages are English, French, Spanish and German. All relevant documents are available at:

www.renewables2004.de

Teilnahme

Die Veranstalter erwarten Konferenzteilnehmer von nationalen Regierungen, den Vereinten Nationen und weiteren internationalen Organisationen sowie aus der Zivilgesellschaft, dem Privatsektor und anderen Stakeholder-Gruppen. Die Teilnehmer/innen werden entweder als Delegierte oder als Beobachter akkreditiert. Die Konferenzveranstalter erwarten mehr als 1500 Teilnehmer/innen. Die Anzahl der Plätze ist begrenzt.

Registrierung / Konferenzausweise

Um Zugang zu allen Konferenzveranstaltungen zu erhalten braucht jede/r akkreditierte Teilnehmer/in einen Konferenzausweis, der gegen Vorlage des Reisepasses bei der Anmeldung am Veranstaltungsort ausgestellt wird. Die Registrierung beginnt am 31. Mai, von 10 bis 20 Uhr. Konferenzteilnehmer/innen wird empfohlen, sich - wenn möglich - bereits am 31. Mai zu registrieren. Am 1. Juni öffnet der Registrierungsschalter um 7.30 Uhr.

Unterkunft / An- und Rückreise

Bei der Hotelunterbringung ist das Registrierungsbüro behilflich. Die Teilnehmer/innen werden in Hotelkategorien ihrer Wahl untergebracht. Bitte beachten Sie, dass die Teilnehmer/innen ihre Kosten selbst tragen.

Die Teilnehmer/innen werden gebeten, ihre eigenen Reise- und Visaarrangements zu treffen. Zur Vereinfachung der Visaformalitäten sollte dem Visumsantrag eine Kopie der Einladung/Bestätigung beigefügt werden.

Wetter

Anfang Juni liegen die Temperaturen zwischen 15° und 25°C, zeitweise kann es regnen. Die aktuelle Wettervorhersage kann auf der Homepage der Stadt Bonn abgerufen werden: www.bonn.de.

Konferenzsprachen und -dokumente

Die Konferenzsprachen sind Englisch, Französisch, Spanisch und Deutsch. Alle relevanten Konferenzdokumente finden Sie unter www.renewables2004.de/de

Information on the City and Venue

Informationen zu Bonn und IKBB

Once a Roman stronghold, later a medieval trading centre in the region and seat of the powerful Cologne archbishops, Bonn – now a university city rich in culture – can look back on a long history. Fifty years as the seat of government have made Bonn more than ready to meet its present-day responsibilities as a United Nations city and a focal point where UN organisations, six German federal ministries and more than 150 non-governmental organisations address tomorrow's issues today. The German Government's decision to expand Bonn's UN Campus laid the foundations for the city's further development as an up-and-coming international hub for expertise in the fields of environment, development and health. The economic focus lies on the telecommunications and service industries.

As a conference venue, Bonn has demonstrated its capabilities on the occasion of several UN member state conferences and major international meetings, such as the International Freshwater Conference in 2001. The International Congress Centre (Internationales Kongresszentrum Bundeshaus Bonn, IKBB) – where *renewables 2004* will take place – consists of two main parts: the former plenary hall and the neighbouring waterworks (Wasserwerk). The first building was inaugurated at the end of 1992 as the plenary chamber of the Bundestag, the German parliament, which purpose it served until 1999.

Bonn offers international organisations numerous network contacts, synergies, highly qualified staff and a pleasant working environment. Easy to reach for travellers and boasting all the advantages of a metropolis, Bonn is a congenial city with a high quality of life. The cultural palette of Beethoven's birthplace is impressive, and its charming scenic surroundings, including the Siebengebirge hills and the Rhine, afford leisure pursuits to meet a diversity of interests.

Welcome to Bonn – an international city looks forward to your visit.

Römerlager, mittelalterliches Handelszentrum für die Region, Sitz der Kölner Erzbischöfe: Bonn blickt auf eine lange Geschichte zurück. 50 Jahre als Regierungssitz haben das ihre dazu beigetragen, Bonn auf seine heutige Verantwortung als Stadt der Vereinten Nationen (VN) und Knotenpunkt für Zukunftsthemen mit VN-Organisationen, sechs Bundesministerien und mehr als 150 Nichtregierungsorganisationen mehr als gut vorzubereiten. Die Entscheidung der Bundesregierung für den Ausbau des Bonner VN-Campus schuf die Basis für die weitere Entwicklung des aufstrebenden, internationalen Fachstandorts für Umwelt, Entwicklung und Gesundheit. Der wirtschaftliche Schwerpunkt liegt in den Bereichen Telekommunikation und Dienstleistung.

Als Konferenzstandort hat Bonn seine Leistungsfähigkeit anlässlich mehrerer VN-Vetragstaatenkonferenzen und großer internationaler Tagungen wie der Internationalen Süßwasserkonferenz im Jahre 2001 unter Beweis gestellt. Das Internationale Kongresszentrum Bundeshaus Bonn (IKBB) – wo *renewables 2004* stattfindet – besteht aus zwei Hauptgebäuden: dem ehemaligen Plenarsaal und dem Wasserwerk. Ersterer wurde im Herbst 1992 als Plenarsaal des Deutschen Bundestages eingeweiht und diente diesem Zweck bis 1999.

Internationalen Organisationen bieten sich in Bonn zahlreiche Netzwerkkontakte, Synergien, hervorragend qualifiziertes Personal und ein angenehmes Arbeitsumfeld. Verkehrsgünstig gelegen und mit allen Vorteilen einer Metropole ausgestattet, ist Bonn eine sympathische Stadt mit hoher Lebensqualität. Die kulturellen Angebote der Beethovenstadt können sich sehen lassen, und die landschaftlich reizvolle Umgebung mit Siebengebirge und Rhein bietet interessante Freizeitmöglichkeiten für unterschiedlichste Interessen.

Willkommen in Bonn – eine internationale Stadt freut sich auf Sie.

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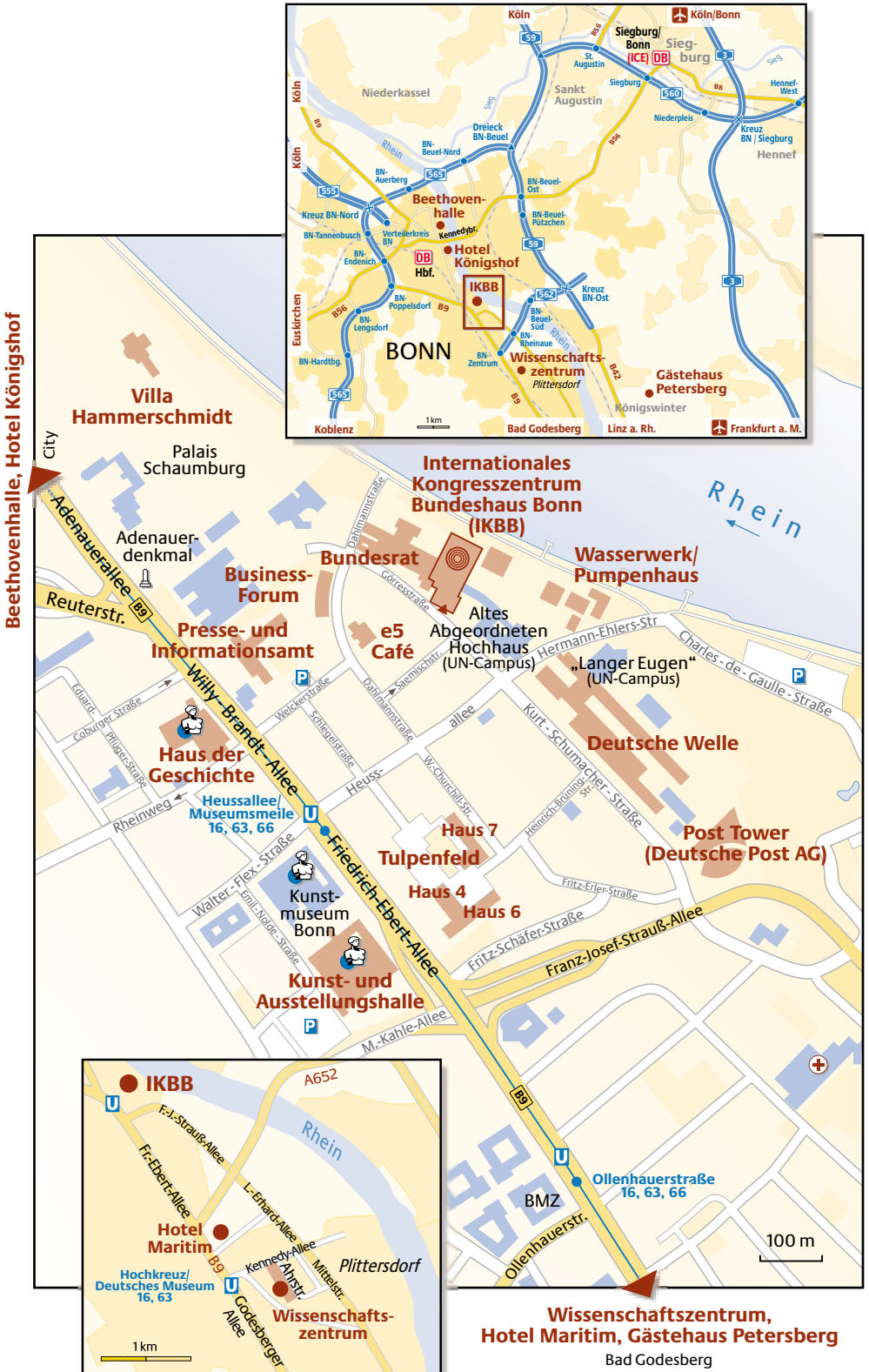
The organisers disclaim all responsibility for medical, accident and travel insurance, for compensation for death or disability, for loss of or damage to personal property and for any other costs or losses that may be incurred during travel time or the period of participation. In this context, it is strongly recommended that conference participants obtain international medical insurance for the period of participation.

Haftungsausschluss

Die Veranstalter übernehmen keine Verantwortung für Kranken-, Unfall- und Reiseversicherung, Entschädigung für Tod oder Körperschaden, Verlust oder Beschädigung persönlichen Eigentums oder für sonstige Kosten oder Verluste, die während der Reise oder Teilnahme entstehen. In diesem Zusammenhang wird den Konferenzteilnehmer/innen nachdrücklich empfohlen, für die Zeit ihrer Teilnahme eine internationale Krankenversicherung abzuschließen.

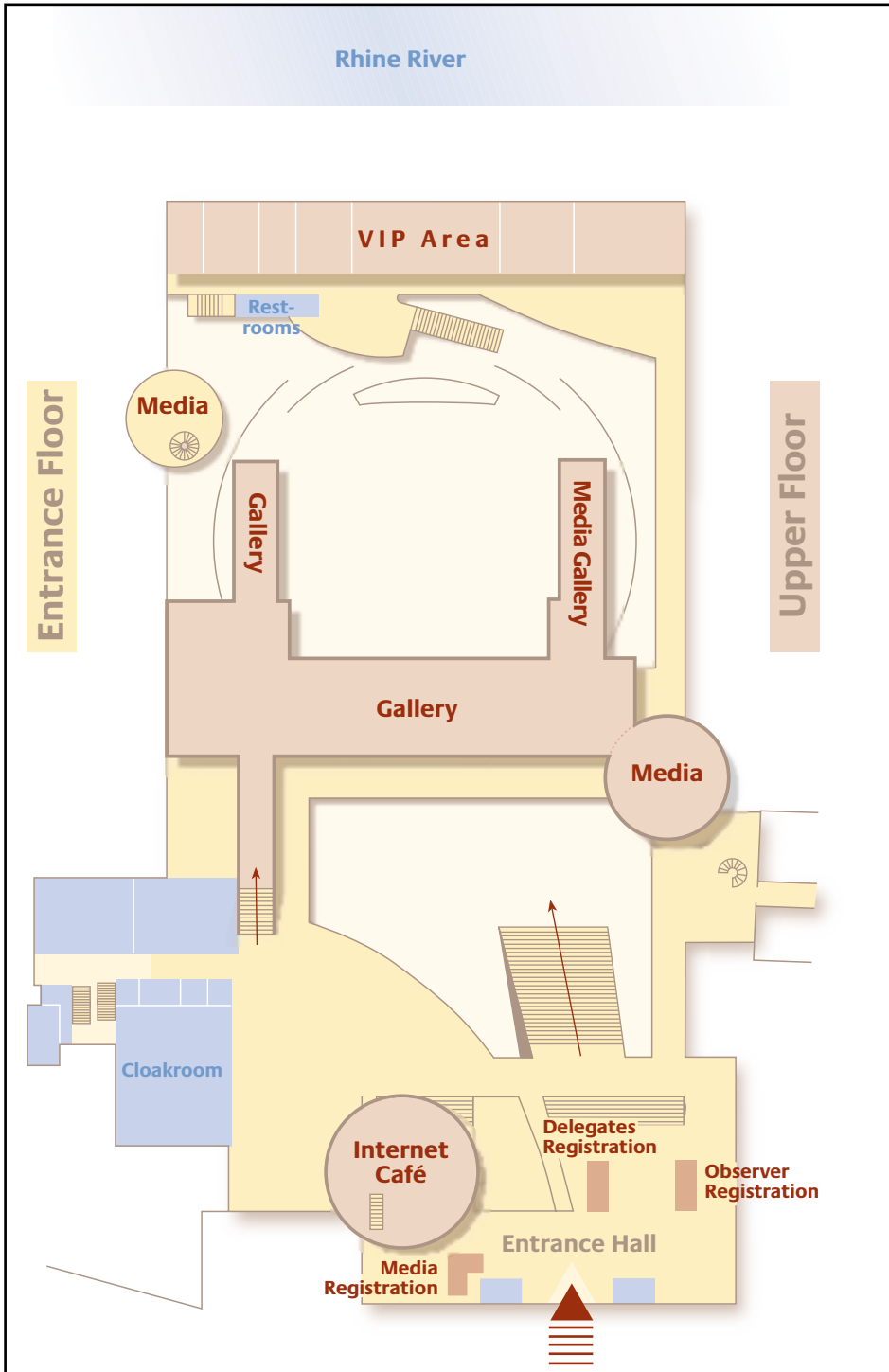
Map of Conference Area

Karte des Konferenzgeländes



Map of Conference Venue

Karte IKBB



Rhine River

Plenary Floor



Important Services:

Tourist Information Bonn Windeckstrasse 1 Am Münsterplatz	0228 - 77 50 00 bonninformation@bonn.de www.bonn.de
Police emergency	110
Fire brigade	112
Ambulance	112
Emergency call centre	0228 - 19 292
Health service	0228 - 23 00 23
Cologne/Bonn Airport – Information	02203 - 40 40 01

Currency exchange:

Exchange office, Bonn Central Station/Deutsche Reisebank	0228 - 632 958
Sparkasse Bonn, Banking Centre Friedensplatz 1, Bonn	0228 - 606 30096

Lost & Found:

City of Bonn Berliner Platz 2	0228 - 77 25 92
Bonn City Works Theaterstrasse 24	0228 - 711- 23 17

Important conference numbers:

Conference Secretariat	06196 - 79 4404 info@renewables2004.de
Conference Registration Office	0228 - 9104137 renewables2004@bonn-region.de
Excursions	renewables2004@energieland.nrw.de
Multi-Stakeholder Dialogue	renewables2004@stakeholderforum.org

Secretariat of the International Conference
for Renewable Energies, Bonn 2004
c/o Deutsche Gesellschaft für Technische
Zusammenarbeit (GTZ) GmbH
Postfach 5180
65726 Eschborn
Germany

Tel +49 - (0)61 96 - 79 44 04
Fax +49 - (0)61 96 - 79 44 05
info@renewables2004.de
www.renewables2004.de