



The Johannesburg Renewable Energy Coalition

Strategic Roadmap 2005-2007

Post-Renewables2004 update towards CSD 15

PPB JREC Secretariat, Brussels

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1. Introduction & Purpose

At the 2002 WSSD, Head of States agreed to urgently and significantly increase the share of renewable energy in the global energy mix. To ensure an adequate follow-up, several governments signed up to a declaration committing them to achieve this commitment through close co-operation. To date, 88 governments have signed up, together forming the Johannesburg Renewable Energy Coalition (JREC). During their June 2004 meeting in the margin of the World Conference for Renewable Energy held in Bonn, JREC Ministers agreed to work towards the 14th and 15th Sessions of the UN Commission for Sustainable Development which will review progress on the Johannesburg Plan of Implementation, in particular on energy issues.

This note contains a strategic roadmap to guide the Johannesburg Renewable Energy Coalition for the period 2005-2007. It has been prepared by the JREC secretariat in consultation with the co-chair and endorsed at the JREC Senior Officials' meeting held in Vienna on May 10, 2005. The roadmap provides general orientation and a framework and orientation to facilitate the discussion and consensus reaching amongst JREC members during upcoming meetings and facilitate co-operation with associated partnerships as well as non-JREC members. The note does not prejudice the opinion of the European Commission nor any other JREC member.

Section 2 recalls the guiding principles with respect to Members and Governance. Section 3 contains the vision and mission statements drawn from the JREC declaration and previous discussions within JREC. Section 4 summarizes the strategic approach, objectives and key activity areas to operationalize the vision, mission and strategic objectives. The calendar of JREC meetings is discussed in Section 5 (an international calendar is developed in a separate annex included at the end of this document). Annex I lists the current JREC toolbox. Annex II provides a framework for future listing of outputs from associated partnerships, organisations and institutions that could be considered by the JREC when developing and implementing its actions and objectives. Annex III provides an explanatory list of acronyms.

2. Membership & Governance

Membership is voluntary and is the prerogative of governments. Member Governments have signed up to the JREC declaration launched at the 2002 WSSD. To date, JREC counts 88 members.

JREC is a virtual platform supported by the co-chairs and a small secretariat.

The JREC co-Chair is held by the European Commission and Morocco. Together they provide political strategic direction and propose the coalition's agenda for endorsement by the members. Decisions are summarized and reported in the Chair's conclusions. Invitations to JREC meetings are extended by the co-chairs and delivered through the European Community's diplomatic channels.

Governments can delegate one or several ministers that hold responsibility for renewable energy and sustainable development strategies.

The JREC secretariat is hosted by the European Commission. It supports the co-chairs and members whilst also facilitating inputs from the JREC stakeholders. It assists in the development of strategic priorities, facilitates the organization of conferences and meetings including the participation from all JREC members (in particular from developing countries). Finally, the secretariat offers selected technical services to ensure an adequate knowledge based approach (see toolbox in Annex I). It aims at promoting synergies between JREC and other initiatives such as the EU Energy Initiative (EU EI), the Renewable Energy and Energy Efficiency Partnership (REEEP), the post Renewables2004 policy network (REN21), etc.

3. Vision & Mission

Vision

An urgent and significant increase of renewable energy is essential to achieve an optimal global energy mix by 2050 which fully contributes to global sustainable development, prosperity and peace.

Mission

To translate the international political will to urgently and significantly increase the share of renewable energy, expressed at the WSSD and reconfirmed at the World Conference for Renewable Energy, into international “long-loud-legal” political commitments to be adopted at CSD15 in order to reinforce and mainstream global and local renewable energy initiatives and markets.

4. Strategic Approach & Objectives

Strategic Approach

JREC aims at enabling significant progress in the UN CSD decision making progress by consolidating and strengthening the cross-sectoral and cross-regional dialogue amongst JREC ministers and senior officials as well as other governments and stakeholders that take a proactive approach towards achieving a significant increase of renewables in the global energy mix.

The focus is foremost on the potential for decisions during CSD 14 and 15 that complement and strengthen existing multi-lateral, bi-lateral and national agreements, public and/or private partnerships, and initiatives promoting and/or depending on renewable energy sources. In line with the JREC declaration, such decisions should contain clear objectives and timetables, complementing national and regional long-term renewable energy targets which JREC members have adopted or will adopt.

JREC meetings and conferences are held in the margin of international, high-level, cross-sectoral, and cross-regional meetings and conferences held in the context of the 14th and 15th Session of the UN Commission for Sustainable Development and other relevant meetings. Information is shared with public and private stakeholders during side events.

JREC actions are developed on the basis of consensus reached during meetings and conferences, building on experience and recommendations obtained from a wide range of multi-stakeholder partnerships as well as regional, national and local national initiatives.

Objectives

The following strategic objectives were identified that matched with the mission and strategy. For each of these objectives, a key actions are outlined that should operationalize the JREC vision, mission, strategic approach and objectives. These actions will be discussed and detailed during future

JREC meetings leading into CSD 14/15. They also form the basis for developing the agenda of JREC meetings.

Objective 1. Develop international political awareness ahead of CSD14 on the potential for renewable energy to attain a significant share of the global energy mix.

Action 1.1. Review assessments related to the current share and future potential of renewable energy sources world-wide against the background of key global challenges such as energy access and security, GHG emissions and other socio-economic and environmental impacts (including total energy system costs and investment needs). Where appropriate, identify outstanding needs for more analysis, capacity building, policy development, etc, and identify the necessary toolbox for addressing the gaps.

Action 1.2. Disseminated best available information and practice and discuss during JREC meetings and regional and international CSD preparatory meetings. Report findings to CSD secretariat and bureau members for consideration in the report from the secretariat to CSD14 and hold follow-up meetings to assist on the way forward.

Objective 2. Reach political agreement at CSD14 on the key barriers, opportunities, and potential solutions for the full deployment of renewable energy sources and markets in a cost-effective way.

Action 2.1. Take stock and review progress related to the key barriers for the enhanced take up of renewable energy identified during previous JREC meetings, Renewables2004, and other associated partnerships and initiatives, as well as national reports submitted to the CSD secretariat.

Action 2.2. Identify good practice and establish areas where international political action is required to consolidate progress and unlock potential in view of the outcomes of objectives 1 and 2. Discuss during JREC meetings and international CSD preparatory meetings.

Action 2.3. Report findings to CSD secretariat and bureau members for consideration in the report from the secretariat to CSD14. Hold follow-up meetings to assist on the way forward.

Objective 3. Develop international political consensus on a global strategic roadmap, and multi-annual action plan for the deployment of renewable energy sources world-wide.

Action 3.1. Based on the analysis of possible medium and long-term sustainable energy scenarios, identify the needs for international political actions for those scenarios to materialize including actions related to capacity building, research and development, and other policies and measures to promote technology transfer and deployment world-wide.

Action 3.2. Develop proposals for decisions that will enhance an international sustainable energy framework, including a multi-annual action programme that consolidates and strengthens post WSSD initiatives whilst also contributing to the implementation of a wide range of Conventions.

Action 3.3. Submit proposal to CSD secretariat and bureau members for consideration during the run-up and at CSD15. Hold follow-up meetings with the CSD secretariat, bureau and major political constituencies to agree on common action.

Objective 4. Reach an international political agreement at CSD15 in line with the JREC vision, mission and objectives that takes forward progress made at WSSD and follow-up Conferences.

Action 4.1. Develop JREC position paper(s) to share with CSD Secretariat and other energy related partnerships, initiatives, and relevant stakeholders including international organizations and institutions etc. These position papers are to cover issues such as the medium and long-term potential

for developing renewable energy services, an international action plan to untap this potential (building inter alia on the Renewables2004 International Action Plan) including international implementing arrangements (building inter alia building on REEEP, MEDREP, and other partnerships), options for broadening of the range of financial mechanisms to support international trade and technology development for renewable energy (including innovative public-private financing mechanisms), and appropriate mechanisms for reviewing progress and taking corrective action where necessary.

Action 4.2. Develop common positions with energy related partnerships, initiatives, and relevant international organizations and institutions etc. to share with CSD Secretariat and CSD Member Parties and stakeholders

Action 4.3. Reach an international political agreement at CSD15 in line with the JREC vision, mission and objectives that takes forward progress made at WSSD and follow-up Conferences.

Objective 5. Dissolve JREC provided its objectives are reflected in the post CSD15 UN framework and related international and regional programmes and agreements.

It is currently assumed that that JREC will cease to exist after CSD15 in 2007 provided that its role and ambitions are adequately reflected in UN decisions and the mandates that will be given to relevant international and/or regional institutions, organizations, partnerships and programmes. Such decisions and mandates should take forward recently reached agreements, in particular:

- Para. 20 (e) Johannesburg Plan of Implementation – JPoI: “With a sense of urgency, *substantially increase the global share of renewable energy sources* with the objective of increasing its contribution to total energy supply, recognizing the role of national and voluntary regional targets as well as initiatives, where they exist, and ensuring that energy policies are supportive to developing countries’ efforts to eradicate poverty, *and regularly evaluate available data to review progress to this end.*”
- Para. 8 of the Political Declaration of the Bonn Conference Renewables2004: “Ministers and Government Representatives commit to work toward these objectives, individually and jointly, by undertaking the actions they have submitted for inclusion in the “International Action Programme” and through other voluntary measures. They agree that these measurable steps should be reported to the UN Commission on Sustainable Development (CSD) and that *progress should be reviewed* as foreseen in the Johannesburg Plan of Implementation. *An appropriate arrangement for follow-up should be identified in a future meeting in preparation for CSD 14/15.*”

5. Calendar 2005-2007

JREC members agreed to work towards the 14th and 15th Session of the UN Commission for Sustainable Development. JREC senior officials and ministers will meet at least once a year during 2005, 2006, and 2007. Ministerial meetings will be prepared by senior official meetings.

The first 2005 senior officials’ meeting took place on May 10, 2005 in Vienna (in the margin of the Global Forum for Sustainable Energy). The next senior officials’ meeting and ministerial meeting are tentatively scheduled as follows:

- ❖ Senior officials’ meetings
 - November 6, 2005 –Beijing (China)
 - February 7, 2006 –Dubai (TBC)
 - May 1, 2006 –New York (TBC)
 - February 26, 2007 –New York (TBC)
 - April 30, 2007 –New York (TBC)

❖ Ministerial Meetings

- February 9, 2006 –Dubai (TBC)
- May 10, 2006 –New York (TBC)
- May 9, 2007 –New York (TBC)

Additional senior officials' meetings may be called in the margin of international conferences or in connection to regional CSD preparatory meetings. A calendar of events for the period 2005-2007 is developed in a separate Annex. It will be updated following ongoing discussions with JREC stakeholders and consultation with the members of the CSD14 Bureau which will be elected end April 2005. Updates and reports will be made available via the JREC website.

Annex I –The JREC Toolbox

In its capacity of hosting the JREC secretariat, the European Commission is sponsoring selected technical services listed below. These services are developed to support the JREC objectives as well as to compliment the activities of a broad range of associated initiatives such as the EU EI, REEEP, GVEP, etc. The JREC toolbox is to be complimented by tools developed by the latter.

1. JREC website and brochures—A new, more user-friendly web site will be available in April 2005. The will contain information notes related to JREC members, objectives and meetings, upcoming JREC events. It will also and feature links with associated initiatives and JREC tools. A JREC brochure will be available around the same time. JREC “business cards” will be available which will contain the web site address an key contact data.

Visit the new site at: <http://europa.eu.int/comm/environment/jrec>

2. Global Renewable Energy and Policies and Measures Database –An on-line global searchable database is being developed by the International Energy Agency to enhance availability of international renewable energy policies, measures and market data. The database currently covers data for ca. 40 countries, including statistics, and adopted targets, policies and measures related to the promotion of national or regional share of renewable energy in the global energy mix. Future developments will include an enhanced scope of countries and services offered, including policy analysis, tools for estimating the national and regional renewable energy potential.

Consult the database at: <http://jrec.iea.org>.

3. The Global Renewable Energy Fund of Funds –The European Commission is sponsoring the development of an innovative public-private financing mechanisms to enhance access to affordable risk capital by renewable energy business and project developers. Following the conclusion of a feasibility study, experts proposed to develop a Global Renewable Energy Fund of Funds. The GREFF should help closing the financing gap for developing renewable energy markets and services world-wide. The European Commission will soon launch a call for proposals to hire a professional fund management team to implement to recommendations of the feasibility completed in November 2004 with a view of establishing a Global Renewable Energy Fund of Funds. The JREC secretariat encourages the development of additional innovative financing initiatives through associated partnerships and IFIs.

Consult the feasibility study at: <http://europa.eu.int/comm/environment/jrec>.

Annex II –JREC Inputs from associated partnerships and organizations

Note: To avoid overlaps and promote synergies, JREC activities will be based substantially on the work carried by associated partnerships and initiatives as well as the analysis carried out in international expert agencies. The list below is ultimately to provide an overview of relevant upcoming deliverables from the JREC Secretariat and Members, as well as REEEP; REN21; EUEI; GVEP/ESMAP; IEA/REWP/IAs; IFIs and others.

Objective 1. Develop international political awareness ahead of CSD14 on the potential for renewable energy to attain a significant share of the global energy mix.

[JREC Secretariat, IEA, REEEP; REN21; EUEI; IEE, GVEP/ESMAP, ...]

Objective 2. Reach political agreement at CSD14 on the key barriers, opportunities, and potential solutions for the full deployment of renewable energy sources and markets in a cost-effective way.

[JREC Members and stakeholders]

[JREC Secretariat, IEA, REEEP; REN21; EUEI; IEE, GVEP/ESMAP, ...]

Objective 3. Develop international political consensus on a global strategic roadmap, and multi-annual action plan for the deployment of renewable energy sources world-wide.

[JREC Secretariat, IEA, REEEP; REN21; EUEI; IEE, GVEP/ESMAP, ...]

Objective 4. Reach an international political agreement at CSD15 in line with the JREC vision, mission and objectives that takes forward progress made at WSSD and follow-up Conferences.

[JREC Members and stakeholders]

[JREC Secretariat, IEA, REEEP; REN21; EUEI; IEE, GVEP/ESMAP, ...]

Annex III –Explanatory List of Acronyms

AREED –African Energy Enterprise Development
ASE –Alliance to Save Energy
CREF –Caribbean Renewable Energy Facility
CSD 14 –14th Session of the UN CSD (2006)
CSD 15 –15th Session of the UN CSD (2007)
CSD –Commission for Sustainable Development (UN)
CURES –Citizens United for Renewable Energy and Sustainability
EE – Energy Efficiency
EIB –European Investment Bank
ESMAP –Energy Sector Management Assistance Programme
EUEI – European Union Energy Initiative
FINESSE –Financing Energy Services for Small-Scale Users
G8 – The G8 Group of Countries
GFSE –Global Forum on Sustainable Energy
GNSED – Global Network for Sustainable Energy Development
GVEP – Global Village Energy Partnership
IEA – International Energy Agency
JPOI –Johannesburg Plan of Implementation (WSSD)
JREC – Johannesburg Renewable Energy Coalition
MEDREP –Mediterranean Renewables Energy Partnership
OECD – Organization of Economic Cooperation and Development
PCI –Patient Capital Initiative (JREC)
PREP –Pacific Regional Energy Programme
PRESSEA –Promotion of Renewable Energy Sources in South East Asia (PRESSEA)
RE – Renewable Energy
REEEP – Renewable Energy and Energy Efficiency Partnership
Renewables2004 –The World Conference for Renewable Energy
REN21 –Global Renewable Energy Policy Network
RES –Renewable Energy Services
RET/EE IAF –Renewable Energy Technology & Energy Efficiency Investment Advisory Facility
SEFI –Sustainable Energy Finance Initiative
SEIA –Sustainable Energy Industry Association
UNDESA – UN Department of Economic and Social Affairs
UNDP – United Nations Development Programme
UNEP – United Nations Environment Programme
WCRE – World Commission on Renewable Energy
WEA – World Energy Assessment
WEC – World Energy Council
WEEA – World Energy Efficiency Organization
WSSD –World Summit for Sustainable Development (Johannesburg, 2002)

Calendar of International Events
Annex to the JREC Strategic Roadmap towards CSD 14 and 15
(for updates: see <http://europa/comm/environment/jrec/>)

Date	Event	Action JREC Sec	Action JREC Members
Feb 05			
14-15	REN21 SC	Discuss role MA; id. synergies REN21	Promote JREC-REN21 synergies
Mar 05			
11	WB Energy Week	Represent JREC via ECDC Del	Represent JREC
15-16	G-8 Energy & Environment	Contribute to briefings	Stress potential RES, JREC, REEEP,
17-18	G-8 Environment & Dev'pmt	Idem	Idem
22	UNDESA Water/Energy	Represent JREC via MA co-chair	Represent JREC
Apr 05			
22	Est. CSD 14 Bureau		
May 05			
10	JREC SO Meeting, Vienna	Arrange SO Meeting	Agree CSD strategy & 05 / 06 WP Discuss 05/06 co-financing needs Agree Ministerial agenda
11	REN21 SC, Copenhagen	Provide input through JREC members	
11	REEEP GB, Vienna	Provide input through JREC members	
11-12	G-8 Energy Research WS	Provide input through JREC members	Idem
11-13	GFSE	Present JREC CSD Strategy	
16-17	UNFCCC Seminar	Provide input through JREC members	
18-27	SBSTA-SBI	Provide input through JREC members	
Jun 05			
Jul 05			
6-8	G-8 Summit Glenn Eagles	Contribute to briefings	Ensure RES is a key action area.
Aug 05			
Sep 05			
5-9	2 nd Int'l Mtg on SCP	Provide input through JREC members	
7-9	European Environmental Advice Ctee Conference		
14-16	Millennium +5	Joint input via EU EI, REN21, REEEP	
Oct 05			
17-28	UNCCD COP7 (Nairobi)		
Nov 05			
7-8	REN25 Beijing China	Host SO & Min meeting	Endorse CSD strategy / Consider submission to UNDESA?
10-11	Conference on environmentally friendly vehicles, London		
28-30	COP/MOP1	Provide input through JREC members	
Dec 05			
1-9	COP/MOP1	Provide input through JREC members	
13-18	6 th WTO Ministerial Council, Hong-Kong		
15-16	UNECE CSD regional implementation forum	Provide input through JREC members Consider hosting regional JREC mtg	Consult with JUSCAN; Propose strong RES text; via UK presidency, NZ

2006			
Jan 06			
p.m.	UNSG CSD14 Report		
TBD	UN ECLAC CSD Prep	Support regional JREC mtg?	Represent JREC
TBD	UN ESCAP CSD Prep	Support regional JREC mtg?	Represent JREC
TBD	UN ESCWA CSD Prep	Support regional JREC mtg?	Represent JREC
TBD	UN ECA CSD Prep	Support regional JREC mtg?	Represent JREC
Feb 06			
7-9	UNEP GCSS, Dubai		
7 (TBC)	JREC Senior Officials	Implement / Update Strategic Roadmap	Idem
9 (TBC)	JREC Ministerial	Implement / Update Strategic Roadmap	Idem
Mar 06			
Apr 06			
May 06			
1-12	CSD 12, New York		
1 (TBC)	JREC Senior Officials	Implement / Update Strategic Roadmap	
10(TBC)	JREC Ministerial	Implement / Update Strategic Roadmap	
TBD	SBSTA/SBI		
Jun 06			
Jul 06			
Aug 06			
Sep 06			
Oct 06			
Nov 06			
Dec 06			

2007			
Jan 07			
Feb 07			
Mar 07			
April 07			
30	CSD 15		
30(TBC)	JREC Senior Officials		
May 07			
1-9	CSD 15		
9 (TBC)	JREC Ministerial		