

National Template on Energy: Agenda 21, the Johannesburg Plan of Implementation, the Mauritius Strategy and the Commission for Sustainable Development

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1. Stakeholders: Governments, in cooperation with industry

1.1 Developing national policies and strategies to encourage changes in unsustainable consumption patterns				
1.1.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 4.18 (a)	Has the government (in cooperation with industry) intensified its efforts to use energy and resources in an economically and environmentally sound manner by encouraging the dissemination of existing environmentally sound technologies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 4.18 (b)	Has the government (in cooperation with industry) intensified its efforts to use energy and resources in an economically and environmentally sound manner by promoting research and development in environmentally sound technologies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 4.18 (c)	Has the government (in cooperation with industry) intensified its efforts to use energy and resources in an economically and environmentally sound manner by assisting developing countries to use these technologies efficiently and to develop technologies suited to their particular circumstances? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 4.18 (d)	Has the government (in cooperation with industry) intensified its efforts to use energy and resources in an economically and environmentally sound manner by encouraging the environmentally sound use of new and renewable sources of energy?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 4.18 (e)	Has the government (in cooperation with industry) intensified its efforts to use energy and resources in an economically and environmentally sound manner by encouraging the environmentally sound and sustainable use of renewable natural resources?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
1.2 Energy				
1.2.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 19 th Special Session Art 46(g)	Has the government (in cooperation with industry) considered appropriate ways to promote environmental cost internalization so as to achieve more sustainable use of energy, taking fully into account the economic, social and environmental conditions of all countries, in particular developing countries. Has the government (in cooperation with industry) acted to encourage the reduction and the gradual elimination of subsidies for energy production and consumption that inhibit sustainable development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

2. Stakeholders: Governments, with international assistance, support and coordination where necessary

2.1 Reducing health risks from environmental pollution and hazards				
2.1.1 Activities				
2.1.1.1 Management Related Activities				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 6.41 (j) iv	Has the government (with international assistance, support and coordination where necessary) promoted the introduction of environmentally sound technologies within the industry and energy sectors?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
2.1.1.2 Data and Information				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 6.41 (j) i	Has the government (with international assistance, support and coordination where necessary) established environmental health impact assessment procedures for the planning and development of new industries and energy facilities?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

3. Stakeholders: Governments at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector.

3.1 Promoting sustainable development: Energy development, efficiency and consumption				
3.1.1 Activities				
3.1.1.1 Management-related activities				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 9.12 (a)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) cooperated in the identification and development of economically viable, environmentally sound energy sources to promote the availability of increased energy supplies to support sustainable development efforts, in particular in developing countries?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 9.12 (b)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to promote the development at the national level of appropriate methodologies for making integrated energy, environment and economic policy decisions for sustainable development, inter alia, through environmental impact assessments?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 9.12 (c)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to promote the research, development, transfer and use of improved energy-efficient technologies and practices, including endogenous technologies in all relevant sectors, giving special attention to the rehabilitation and modernization of power systems?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 9.12 (d)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to promote the research, development, transfer and use of technologies and practices for environmentally sound energy systems, including new and renewable energy systems?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 9.12 (e)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to promote the development of institutional, scientific, planning and management capacities, particularly in developing countries, to develop, produce and use increasingly efficient and less polluting forms of energy			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 9.12 (f)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) reviewed current energy supply mixes to determine how the contribution of environmentally sound energy systems as a whole, particularly new and renewable energy systems, could be increased in an economically efficient manner, taking into account respective countries' unique social, physical, economic and political characteristics, and examining and implementing, where appropriate, measures to overcome any barriers to their development and use?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Agenda 21 Art 9.12 (g)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) coordinated energy plans regionally and subregionally, where applicable, and study the feasibility of efficient distribution of environmentally sound energy from new and renewable energy sources?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
Agenda 21 Art 9.12 (h)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector), in accordance with national socio-economic development and environment priorities, evaluated and promoted cost-effective policies or programmes, including administrative, social and economic measures, in order to improve energy efficiency?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
Agenda 21 Art 9.12 (j)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to promote appropriate energy efficiency and emission standards or recommendations at the national level, <u>2/</u> aimed at the development and use of technologies that minimize adverse impacts on the environment?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
Agenda 21 Art 9.12 (k)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to encourage education and awareness-raising programmes at the local, national, sub-regional and regional levels concerning energy efficiency and environmentally sound energy systems?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
Agenda 21 Art 9.12 (l)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to establish or enhance, as appropriate, in cooperation with the private sector, labelling programmes for products to provide decision makers and consumers with information on opportunities for energy efficiency?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
3.1.2 Means of implementation					

3.1.2.1 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 9.12 (i)	Has the government (at the appropriate level, with the cooperation of the relevant United Nations bodies and, as appropriate, intergovernmental and non-governmental organizations, and the private sector) acted to build capacity for energy planning and programme management in energy efficiency, as well as for the development, introduction, and promotion of new and renewable sources of energy?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

4. Stakeholders: Governments at the appropriate level, with the support of the relevant international and regional organizations

4.1 Rural energy transition to enhance productivity				
4.1.1 Activities				
4.1.1.1 Management Related Activities				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 14.95 (a)	Has the government (at the appropriate level, with the support of the relevant international and regional organizations) acted to promote pilot plans and projects consisting of electrical, mechanical and thermal power (gasifiers, biomass, solar driers, wind-pumps and combustion systems) that are appropriate and likely to be adequately maintained?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 14.95 (b)	Has the government (at the appropriate level, with the support of the relevant international and regional organizations) acted to initiate and promote rural energy programmes supported by technical training, banking and related infrastructure?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
4.1.1.2 Data and Information				
Source	Recommendation	Target Group	Target Date	Reference
Agenda 21 Art 14.96 (a)	Has the government (at the appropriate level, with the support of the relevant international and regional organizations) collected and disseminated data on rural energy supply and demand patterns related to energy needs for households, agriculture and agro-industry?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
Agenda 21 Art 14.96 (b)	Has the government (at the appropriate level, with the support of the relevant international and regional organizations) analysed sectoral energy and production data in order to identify rural energy requirements?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				

5. Stakeholders: Governments, aided by concerted and concrete measures at all levels

5.1 Poverty eradication					
5.1.1 Activities					
5.1.1.1 Management-related activities					
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 7 (d)	Has the government (aided by concerted and concrete measures at all levels) promoted women's equal access to and full participation in, on the basis of equality with men, decision-making at all levels, mainstreaming gender perspectives in all policies and strategies, eliminating all forms of violence and discrimination against women and improving the status, health and economic welfare of women and girls through full and equal access to economic opportunity, land, credit, education and health-care services ?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 7(e)	Has the government (aided by concerted and concrete measures at all levels) developed policies and ways and means to improve access by indigenous people and their communities to economic activities and increase their employment through, where appropriate, measures such as training, technical assistance and credit facilities. Recognize that traditional and direct dependence on renewable resources and ecosystems, including sustainable harvesting, continues to be essential to the cultural, economic and physical well-being of indigenous people and their communities?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (a)	Has the government (aided by concerted and concrete measures at all levels) improved access to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services and resources, taking into account national specificities and circumstances, through various means, such as enhanced rural electrification and decentralized energy systems, increased use of renewables, cleaner liquid and gaseous fuels and enhanced energy efficiency, by intensifying regional and international cooperation in support of national efforts, including through capacity-building, financial and technological assistance and innovative financing mechanisms, including at the micro- and meso- levels, recognizing the specific factors for providing access to the poor ?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (b)	Has the government (aided by concerted and concrete measures at all levels) improved access to modern biomass technologies and fuelwood sources and supplies and commercialize biomass operations, including the use of agricultural residues, in rural areas and where such practices are sustainable?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (c)	Has the government (aided by concerted and concrete measures at all levels) promoted a sustainable use of biomass and, as appropriate, other renewable energies through improvement of current patterns of use, such as management of resources, more efficient use of fuelwood and new or improved products and technologies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (d)	Has the government (aided by concerted and concrete measures at all levels) supported the transition to the cleaner use of liquid and gaseous fossil fuels, where considered more environmentally sound, socially acceptable and cost-effective?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (e)	Has the government (aided by concerted and concrete measures at all levels) developed national energy policies and regulatory frameworks that will help to create the necessary economic, social and institutional conditions in the energy sector to improve access to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services for sustainable development and poverty eradication in rural, semi-urban and urban areas?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (g)	Has the government (aided by concerted and concrete measures at all levels) assisted and facilitated on an accelerated basis, with the financial and technical assistance of developed countries, including through public-private partnerships, the access of the poor to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services, taking into account the instrumental role of developing national policies on energy for sustainable development, bearing in mind that in developing countries sharp increases in energy services are required to improve the standards of living of their populations and that energy services have positive impacts on poverty eradication and improve standards of living?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (a)	Has the government (aided by concerted and concrete measures at all levels) provided assistance and mobilize resources to enhance industrial productivity and competitiveness as well as industrial development in developing countries, including the transfer of environmentally sound technologies on preferential terms, as mutually agreed?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (b)	Has the government (aided by concerted and concrete measures at all levels) provided assistance to increase income-generating employment opportunities, taking into account the Declaration on Fundamental Principles and Rights at Work of the International Labour Organization?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (c)	Has the government (aided by concerted and concrete measures at all levels) promoted the development of micro, small and medium-sized enterprises, including by means of training, education and skill enhancement, with a special focus on agro-industry as a provider of livelihoods for rural communities?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (d)	Has the government (aided by concerted and concrete measures at all levels) provided financial and technological support, as appropriate, to rural communities of developing countries to enable them to benefit from safe and sustainable livelihood opportunities in small-scale mining ventures?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (e)	Has the government (aided by concerted and concrete measures at all levels) provided support to developing countries for the development of safe low-cost technologies that provide or conserve fuel for cooking and water heating?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 10 (f)	Has the government (aided by concerted and concrete measures at all levels) provided support for natural resource management for creating sustainable livelihoods for the poor?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 11 (a)	Has the government (aided by concerted and concrete measures at all levels) improved access to land and property, to adequate shelter and to basic services for the urban and rural poor, with special attention to female heads of household?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 11 (b)	Has the government (aided by concerted and concrete measures at all levels) (b) used low-cost and sustainable materials and appropriate technologies for the construction of adequate and secure housing for the poor, with financial and technological assistance to developing countries, taking into account their culture, climate, specific social conditions and vulnerability to natural disasters?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 11 (c)	Has the government (aided by concerted and concrete measures at all levels) increased decent employment, credit and income for the urban poor, through appropriate national policies, promoting equal opportunities for women and men?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 11 (d)	Has the government (aided by concerted and concrete measures at all levels) removed unnecessary regulatory and other obstacles for micro enterprises and the informal sector?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 11 (e)	Has the government (aided by concerted and concrete measures at all levels) supported local authorities in elaborating slum upgrading programmes within the framework of urban development plans and facilitate access, particularly for the poor, to information on housing legislation?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
5.1.1.2 Regional and international cooperation				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 9 (f)	Has the government (aided by concerted and concrete measures at all levels) enhanced international and regional cooperation to improve access to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services, as an integral part of poverty reduction programmes, by facilitating the creation of enabling environments and addressing capacity-building needs, with special attention to rural and isolated areas, as appropriate?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

6. Stakeholders: Governments

6.1 Energy for sustainable development				
6.1.1 Activities				
6.1.1.1 Management-related activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 10 (a)	Has the government combined, as appropriate, the increased use of renewable energy sources, more efficient use of energy, greater reliance on advanced energy technologies, including advanced fossil fuel technologies, and the sustainable use of traditional energy resources, which could meet the growing needs for energy services in the longer term to achieve sustainable development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 10 (b)	Has the government integrated energy considerations in socio-economic programmes, especially in policy-making of major energy-consuming sectors, such as the public sector, transport, industry, agriculture, urban planning and construction?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (c)	Has the government established an appropriate enabling environment conducive to attracting investments and supportive of the objectives of sustainable development and to ensuring public participation?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (d)	Has the government developed appropriate energy services, particularly in rural areas, through the application of the most cost-effective, socially acceptable and environmentally friendly technologies, the deployment of specific energy service delivery structures and the development of renewable energy resources, including biomass?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (e)	Has the government supported efforts to improve the functioning of energy markets with respect to both supply and demand, with the aim of achieving greater stability and predictability and to ensure consumer access to energy services?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (f)	Has the government established a domestic programme for energy efficiency, including, as appropriate, by accelerating the deployment of energy efficiency technologies, with the necessary support of the international community?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (g)	Has the government supported increased use of renewable energies both in grid-connected and decentralized systems?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (h)	Has the government optimized the efficient use of fossil fuels through the increased development and use of advanced fossil fuel technologies?				

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (j)	Has the government strived to promote sustainable consumption patterns? Developed countries should take the lead in achieving sustainable consumption patterns; developing countries should seek to achieve sustainable consumption patterns in their development process, guaranteeing the provision of basic needs for the poor?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (k)	Has the government encouraged public-private partnerships with a view to advancing energy for sustainable development?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (l)	Has the government facilitated the dissemination of information on environmentally sound technologies and processes to increase awareness of these options and enhance public participation, as appropriate, in decision-making surrounding the provision of these energy services for sustainable development?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (m)	Has the government strengthened the role of major groups, including women, inter alia, through participation in decision-making, as appropriate?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (n)	Has the government supported energy conservation programmes in all economic sectors?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 10 (p)	Has the government supported research, development and demonstration for the abovementioned activities towards energy for sustainable development, including on transport systems; and enhancing regional and international cooperation in the research and development in these areas?				
	1.) If yes: a.) How and When?				

	b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.1.1.2 Regional and international cooperation				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 10 (i)	Has the government enhanced international cooperation in order to assist countries, in particular developing countries, in their efforts to achieve energy for sustainable development? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.1.2 Means of Implementation				
6.1.2.1 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 10 (o)	Has the government strengthened existing national and local institutions that develop, implement and operate national programmes on energy for sustainable development? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.2 Accessibility of Energy				
6.2.1 Activities				
6.2.1.1 Management related activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (a)	Has the government established or strengthened national and regional arrangements for promoting energy accessibility within the country? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (b)	Has the government improved access to modern biomass technologies and fuel wood sources and supplies and commercializing biomass operations, including the use of agricultural residues, where such practices are sustainable? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1)	Has the government supported the transition to the use of liquid and gaseous fossil fuels, where considered more environmentally sound,			

Para 13 (c)	socially acceptable and cost-effective? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (d)	Has the government developed locally available energy resources for greater energy diversification, where considered more environmentally sound, socially acceptable and cost-effective, with increasing use of renewable energy resources? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (e)	Has the government supported electricity services based on grid extension and/or decentralized energy technologies, particularly in isolated areas, as appropriate? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (g)	Has the government promoted an environment which enables the public sector, the private sector and, as appropriate, energy cooperatives, including through public-private partnerships, to engage in the generation, transmission and distribution of electricity at affordable rates and in the transfer of technology? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (h)	Has the government developed renewable energy, especially in rural areas, through community based development methods? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 13 (i)	Has the government enhanced developing countries' access to environmentally sound and economically viable technologies relating to energy for sustainable development?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 13 (j)	Has the government supported equal access for women to sustainable and affordable energy technologies through needs assessments, energy planning and policy formulation at the local and national levels?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.2.2 Means of implementation					
6.2.2.1 Capacity building					
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 13 (f)	Has the government strengthened national and regional research and development institutions/centres on energy for sustainable development, including renewable energy technologies, energy efficiency, advanced energy technologies, including advanced fossil fuel technologies, and sustainable use of traditional energy resources;?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.3 Energy efficiency					
6.3.1 Activities					
6.3.1.1 Management-related activity					
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 15 (a)	Has the government strengthened public awareness programmes to mobilize all stakeholders?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 15 (b)	Has the government promoted an enabling environment for encouraging energy service companies for research and investments in energy efficiency?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				

Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (c)	Has the government provided incentives for energy conservation in all sectors, taking into account domestic priorities? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 15 (d)	Has the government developed, as appropriate, at the country and regional level, energy efficiency programmes and policy options? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 15 (f)	Has the government accelerated development and deployment of energy efficiency technologies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 15 (g)	Has the government integrated, as appropriate, energy efficiency considerations into the planning, operation and maintenance of long-lived energy consuming infrastructures, notably transport, urban lay-out, industry, agriculture and tourism? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 15 (h)	Has the government increased the efficiency of technologies used in the production and consumption of energy? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 15 (i)	Has the government facilitated a movement towards more efficient utilization of energy through equipment manufacturing support programmes, with international cooperation? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (m)	Has the government developed and implemented measures that make energy efficiency technologies more affordable? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.3.1.2 Regional and international cooperation				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (j)	Has the government encouraged the transfer of energy efficiency technologies, in particular to developing countries, on favourable terms, including on concessional and preferential terms, as mutually agreed? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.3.2 Means of implementation				
6.3.2.1 Human resource development				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (e)	Has the government strengthened capacity-building, including education and training, ranging from energy planning to technical engineering, to improve the performance of energy and materials use? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.3.2.2 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (k)	Has the government strengthened, as appropriate, existing institutions that develop and operate energy efficiency programmes? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 15 (l)	Has the government strengthened, as appropriate, existing institutions that compile and disseminate information on energy efficiency programmes and technologies; 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

6.4 Renewable energy				
6.4.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 17 (a)	Has the government developed and implement appropriate national, regional and international policies and measures to create an enabling environment for the development, utilization and distribution of renewable energy sources?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 17 (b)	Has the government developed domestic programmes to increase the contribution of renewable energies to total energy consumption?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 17 (c)	Has the government encouraged the role of the private sector in the development and utilization of renewable energy technologies, through the provision of appropriate incentives and regulation?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 17 (e)	Has the government promoted the utilization of renewable natural resources, such as solar, wind, biomass, geothermal, hydro (including mini-hydro), and ocean (wave, tidal, and thermal energy conversion) to meet part of the energy needs for sustainable development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 17 (g)	Has the government developed and use indigenous sources of renewable energy, where appropriate?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1)	Has the government developed and implement measures to make renewable energy technologies more affordable?			

Para 17 (h)	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 17 (i)	Has the government strengthened financial support to developing countries for the promotion of renewable energy? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.5 Advanced fossil fuel technology					
6.5.1 Activities					
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (a)	Has the government developed and applied more efficient fossil-fuel fired power plants, buildings, appliances and transportation, including cleaner coal and oil technologies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (b)	Has the government increased the use of cleaner fossil fuels to improve efficiency in energy production, distribution and use, where appropriate? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (c)	Has the government researched, developed and transferred technologies for transforming solid fuels to liquid or gaseous fuels? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (d)	Has the government enhanced research, development, demonstration and transfer of advanced fossil fuel technologies leading to lower emissions?				

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (e)	Has the government promoted research and, where suitable, applications of carbon capture and storage technologies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (f)	Has the government promoted cooperation with industries in a voluntary programme framework for cleaner fossil fuel technology deployment? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 19 (g)	Has the government developed and implemented measures to make advanced fossil fuel technologies more accessible and affordable? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.6 Nuclear energy technology					
6.6.1 Activities					
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 21 (a)	Has the government supported their national efforts, including research, and international cooperation as an effective tool in addressing the issues of nuclear safety and spent fuel and waste management? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
CSD 9 (Decision 9/1) Para 21 (b)	Has the government strengthened independent national regulatory agencies and promoted international cooperation in nuclear safety? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				

Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 21 (c)	Has the government promote a high level of nuclear safety? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 21 (d)	Has the government improved the transparency of nuclear safety-related decisions, inter alia, through public participation, where appropriate? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 21 (e)	Has the government promoted public education and participation as well as capacity-building of human resources, in the areas of nuclear energy and waste management? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 21 (f)	Has the government developed technological solutions for long-lived radioactive waste? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 21 (g)	Has the government addressed the safety of their nuclear energy installations, as deemed appropriate, after assessment by national regulatory authorities, including consideration of the option of phasing out and closing, as appropriate, such installations? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1)	Has the government, recalling paragraph 8 of the Governing Council of the International Atomic Energy Agency (IAEA) resolution GC			

Para 21 (h)	(44)/RES/17 and taking into account the very serious potential for environment and human health impacts of radioactive wastes, made efforts to examine and further improve measures and internationally agreed regulations regarding safety, while stressing the importance of having effective liability mechanisms in place, relevant to international maritime transportation and other transboundary movement of radioactive material, radioactive waste and spent fuel, including, inter alia, arrangements for prior notification and consultations done in accordance with relevant international instruments?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.7 Rural energy				
6.7.1 Activities				
6.7.1.1 Management related activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (a)	Has the government strengthened and, where appropriate, established policies on energy for rural development, including, as appropriate, regulatory systems to promote access to energy in rural areas?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (b)	Has the government developed, where necessary, specific and targeted energy service delivery structures adapted to rural needs?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (c)	Has the government promoted local energy enterprises as employment opportunities, enhance local private entrepreneurs and develop local dealers to sell/maintain equipment building on local retail networks and relationships?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (d)	Has the government taken into consideration the health and safety concerns of women and children in rural energy programmes?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (e)	Has the government promoted research and development of the rural energy situation in support of the achievement of international development priorities, particularly poverty eradication?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 23 (f)	Has the government promoted a sustainable use of biomass and, as appropriate, other renewable energies through improvement of current patterns of use, such as management of resources, more efficient use of fuelwood and new or improved products and technologies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 23 (g)	Has the government established financial arrangements to make rural energy services affordable to the poor?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 23 (h)	Has the government supported local groups and/or non-governmental organizations in the promotion and delivery of newly developed environmentally sound technologies, including solar cooker technology?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 23 (i)	Has the government developed and utilized indigenous energy sources and infrastructures for various local uses and promote rural community participation, including local Agenda 21 groups, with the support of the international community, in developing and utilizing renewable energy technologies to meet their daily energy needs to find simple and local solutions?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
CSD 9 (Decision 9/1) Para 23 (k)	Has the government promoted efforts to address the disproportionate burdens experienced by women in rural areas, including carrying loads of fuelwood over long distances and suffering adverse health effects from prolonged exposure to open fires?			

	<p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p> <p>2.) If not: Why not?</p>			
6.7.2 Means of implementation				
6.7.2.1 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 23 (j)	<p>Has the government promoted capacity-building in local societies and remove barriers in the implementation of policies for renewable energy development in rural areas?</p> <p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p> <p>2.) If not: Why not?</p>			
6.8 Research and development				
6.8.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 26	<p>Has the government developed policies and incentives and acted as a catalyst to foster private sector investment in this field? Increased energy research should also come from public and private investments or through joint public and private partnerships and/or through international and regional cooperation.</p> <p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p> <p>2.) If not: Why not?</p>			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 27	<p>Has the government strengthened institutions, infrastructures and human resources?</p> <p>Has the government enhanced technological leadership through international public and private cooperation that supports sustainable development objectives?</p> <p>Has the government (along with development banks, the United Nations Development Programme (UNDP) and other relevant agencies) focussed on capacity-building in development cooperation?</p> <p>Has the Global Environment Facility (GEF) continued to provide support, within its mandate, for capacity-building and technology transfer to advance energy for sustainable development?</p> <p>Have International Financial Institutions supported, through their lending policies, capacity building, and technology transfer, as well as identifying local needs?</p>			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.10 Technology transfer				
6.10.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 28	Has the government promoted energy for sustainable development through favourable access to and transfer of environmentally sound technologies through supportive measures that promote technology cooperation and that should enable the transfer of necessary technological know-how and the building up of economic, technical and managerial capabilities for the efficient use and further development of transferred technology?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.11 Information sharing and dissemination				
6.11.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 29	Has the government facilitated efforts to achieve energy for sustainable development through the sharing of knowledge and information on technologies, especially making use of internet-based information?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.12 Mobilization of financial resources				
6.12.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 30	Has the government renewed efforts to ensure that all sources of funding contribute to economic growth, social development and environmental protection in the context of sustainable development and the implementation of Agenda 21? Has the government initiated reforms aimed at improving regulatory frameworks and institutional set-ups in order to attract private sector funding? Specific policies have been introduced to induce the flow of investment capital for energy technology for sustainable development. While more sustainable technologies often have lower operating costs than competing solutions, they sometimes require greater initial investments. Particular attention should therefore be paid to the difficulties of financing these essential infrastructure investments in developing countries. Financing from GEF, within its mandate, could also be considered in this context.			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

6.13 Making markets work effectively for sustainable development				
6.13.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 31	<p>Has the government initiated policies to reduce market distortions that would promote energy systems compatible with sustainable development through the use of improved market signals and by removing market distortions, including restructuring taxation and phasing out of harmful subsidies, where they exist, to reflect their environmental impacts? Such policies should take fully into account the specific needs and conditions of developing countries, with the aim of minimizing the possible adverse impacts on their development.</p> <p>Has the government improved the functioning of national energy markets in such a way that they support sustainable development, overcome market barriers and improve accessibility, taking fully into account that such policies should be decided by each country, and that its own characteristics and capabilities and different levels of development should be considered, especially as reflected in national sustainable development strategies, where they exist?</p>			
	<p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p> <p>2.) If not: Why not?</p>			
6.14 Multi-stakeholder approach and public participation				
6.14.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 (Decision 9/1) Para 32	<p>Has the government strengthened the capacity of community-based organizations and institutions, including women's groups, to facilitate participatory approaches to energy for sustainable development, taking into account principle 10 of the Rio Declaration on Environment and Development with full recognition of principles 5, 7 and 11?</p>			
	<p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p> <p>2.) If not: Why not?</p>			
6.15 Nuclear waste transports (oceans)				
6.15.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 35	<p>Has the government made efforts to examine and further improve measures and internationally agreed regulations regarding safety, while stressing the importance of having effective liability mechanisms in place, relevant to international maritime transportation and other transboundary movement of radioactive material, radioactive waste and spent fuel, including, inter alia, arrangements for prior notification and consultations done in accordance with relevant international instruments?</p>			
	<p>1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured?</p>			

	2.) If not: Why not?			
6.16 Climate change				
6.16.1 Activities				
6.16.1.1 Management-related activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 38 (a)	Has the government met all the commitments and obligations under the United Nations Framework Convention on Climate Change? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 38 (e)	Has the government developed and transferred technological solutions? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 38 (f)	Has the government developed and disseminated innovative technologies in regard to key sectors of development, particularly energy, and of investment in this regard, including through private sector involvement, market-oriented approaches, and supportive public policies and international cooperation? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 38 (g)	Has the government promoted the systematic observation of the Earth's atmosphere, land and oceans by improving monitoring stations, increasing the use of satellites and appropriate integration of these observations to produce high-quality data that could be disseminated for the use of all countries, in particular developing countries? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 38 (h)	Has the government enhanced the implementation of national, regional and international strategies to monitor the Earth's atmosphere, land and oceans, including, as appropriate, strategies for integrated global observations, inter alia, with the cooperation of relevant international organizations, especially the specialized agencies, in cooperation with the Convention?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 38 (i)	Has the government supported initiatives to assess the consequences of climate change, such as the Arctic Council initiative, including the environmental, economic and social impacts on local and indigenous communities? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.16.1.2 Regional and international cooperation					
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 38 (b)	Work cooperatively towards achieving the objectives of the Convention? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 38 (c)	Has the government provided technical and financial assistance and capacity-building to developing countries and countries with economies in transition in accordance with commitments under the Convention, including the Marrakech Accords? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 38 (d)	Has the government built and enhanced scientific and technological capabilities, inter alia, through continuing support to the Intergovernmental Panel on Climate Change for the exchange of scientific data and information especially in developing countries? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
6.17 Air pollution					
6.17.1 Activities					
6.17.1.2 Management related activities					
Source	Recommendation	Target Group	Target Date	Reference	
JPOI	Has the government facilitated implementation of the Montreal Protocol on Substances that Deplete the Ozone Layer by ensuring adequate				

Para 39 (b)	replenishment of its fund by 2003/2005? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 39 (c)	Has the government supported the effective regime for the protection of the ozone layer established in the Vienna Convention for the Protection of the Ozone Layer and the Montreal Protocol, including its compliance mechanism? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 39 (d)	Has the government improved access by developing countries to affordable, accessible, cost-effective, safe and environmentally sound alternatives to ozone-depleting substances by 2010, and assist them in complying with the phase-out schedule under the Montreal Protocol, bearing in mind that ozone depletion and climate change are scientifically and technically interrelated? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 39 (e)	Has the government taken measures to address illegal traffic in ozone-depleting substances? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.17.2 Means of implementation				
6.17.2.1 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 39 (a)	Has the government strengthened capacities of developing countries and countries with economies in transition to measure, reduce and assess the impacts of air pollution, including health impacts, and provide financial and technical support for these activities? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.18 Desertification				
6.18.1 Activities				

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 41 (d)	Has the government integrated measures to prevent and combat desertification as well as to mitigate the effects of drought through relevant policies and programmes, such as land, water and forest management, agriculture, rural development, early warning systems, environment, energy, natural resources, health and education, and poverty eradication and sustainable development strategies? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.19 Forests				
6.19.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.20 Mining, minerals and metals				
6.20.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
6.21 Health and sustainable development				
6.21.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 56 (a)	Has the government strengthened regional and national programmes, including through public-private partnerships, with technical and financial assistance to developing countries? 1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI	Has the government supported the phasing out of lead in gasoline?			

Para 56 (b)	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 56 (c)	Has the government strengthened and supported efforts for the reduction of emissions through the use of cleaner fuels and modern pollution control techniques?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 56 (d)	Has the government assisted developing countries in providing affordable energy to rural communities, particularly to reduce dependence on traditional fuel sources for cooking and heating, which affect the health of women and children?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

7. Stakeholders: Governments as well as relevant regional and international organizations and other relevant stakeholders

7.1 Sustainable consumption and production

7.1.1 Activities

Source	Recommendation	Target Group	Target Date	Reference
	Has the government (as well as relevant international organisations, the private sector and all major groups) identified specific activities, tools, policies, measures and monitoring and assessment mechanisms, including, where appropriate, life-cycle analysis and national indicators for measuring progress, bearing in mind that standards applied by some countries may be inappropriate and of unwarranted economic and social cost to other countries, in particular developing countries?			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 15 (b)	Has the government (as well as relevant international organisations, the private sector and all major groups) adopted and implemented policies and measures aimed at promoting sustainable patterns of production and consumption, applying, inter alia, the polluter-pays principle described in principle 16 of the Rio Declaration on Environment and Development?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 15 (c)	Has the government (as well as relevant international organisations, the private sector and all major groups) developed production and consumption policies to improve the products and services provided, while reducing environmental and health impacts, using, where appropriate, science-based approaches, such as life-cycle analysis?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 15 (d)	Has the government (as well as relevant international organisations, the private sector and all major groups) developed awareness-raising programmes on the importance of sustainable production and consumption patterns, particularly among youth and the relevant segments in all countries, especially in developed countries, through, inter alia, education, public and consumer information, advertising and other media, taking into account local, national and regional cultural values?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 15 (e)	Has the government (as well as relevant international organisations, the private sector and all major groups) developed and adopted, where appropriate, on a voluntary basis, effective, transparent, verifiable, non-misleading and non-discriminatory consumer information tools to provide information relating to sustainable consumption and production, including human health and safety aspects. These tools should not be used as disguised trade barriers?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 15 (f)	Has the government (as well as relevant international organisations, the private sector and all major groups) increased eco-efficiency, with financial support from all sources, where mutually agreed, for capacity-building, technology transfer and exchange of technology with developing countries and countries with economies in transition, in cooperation with relevant international organizations?				

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 16 (a)	Has the government (as well as relevant international organisations, the private sector and all major groups) established and supported cleaner production programmes and centres and more efficient production methods by providing, inter alia, incentives and capacity-building to assist enterprises, especially small and medium-sized enterprises, particularly in developing countries, in improving productivity and sustainable development?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 16 (b)	Has the government (as well as relevant international organisations, the private sector and all major groups) provided incentives for investment in cleaner production and eco-efficiency in all countries, such as state-financed loans, venture capital, technical assistance and training programmes for small and medium-sized companies while avoiding trade-distorting measures inconsistent with the rules of the World Trade Organization?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 16 (c)	Has the government (as well as relevant international organisations, the private sector and all major groups) collected and disseminated information on cost-effective examples in cleaner production, eco-efficiency and environmental management and promote the exchange of best practices and know-how on environmentally sound technologies between public and private institutions?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 16 (d)	Has the government (as well as relevant international organisations, the private sector and all major groups) provided training programmes to small and medium-sized enterprises on the use of information and communication technologies?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 20 (a)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) taken further action to mobilize the provision of financial resources, technology transfer, capacity-building and the diffusion of environmentally sound technologies according to the recommendations and conclusions of the Commission on Sustainable Development, as contained in section A, paragraph 3, and section D, paragraph 30, of its decision 9/1 ³ on energy for sustainable development?				

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 20 (b)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) integrated energy considerations, including energy efficiency, affordability and accessibility, into socio-economic programmes, especially into policies of major energy-consuming sectors, and into the planning, operation and maintenance of long-lived energy consuming infrastructures, such as the public sector, transport, industry, agriculture, urban land use, tourism and construction sectors?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 20 (c)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) developed and disseminated alternative energy technologies with the aim of giving a greater share of the energy mix to renewable energies, improving energy efficiency and greater reliance on advanced energy technologies, including cleaner fossil fuel technologies?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 20 (d)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) combined, as appropriate, the increased use of renewable energy resources, more efficient use of energy, greater reliance on advanced energy technologies, including advanced and cleaner fossil fuel technologies, and the sustainable use of traditional energy resources, which could meet the growing need for energy services in the longer term to achieve sustainable development?				
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?				
Source	Recommendation	Target Group	Target Date	Reference	
JPOI Para 20 (e)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) diversified energy supply by developing advanced, cleaner, more efficient, affordable and cost-effective energy technologies, including fossil fuel technologies and renewable energy technologies, hydro included, and transfer to developing countries on concessional terms as mutually agreed. 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? Has the government (as well as relevant regional and international organizations and other relevant stakeholders), with a sense of urgency, substantially increased 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?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (f)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) supported efforts, including through provision of financial and technical assistance to developing countries, with the involvement of the private sector, to reduce flaring and venting of gas associated with crude oil production?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (g)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) developed and utilized indigenous energy sources and infrastructures for various local uses and promote rural community participation, including local Agenda 21 groups, with the support of the international community, in developing and utilizing renewable energy technologies to meet their daily energy needs to find simple and local solutions ?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (h)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) established domestic programmes for energy efficiency, including, as appropriate, by accelerating the deployment of energy efficiency technologies, with the necessary support of the international community?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (i)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) acted to accelerate the development, dissemination and deployment of affordable and cleaner energy efficiency and energy conservation technologies, as well as the transfer of such technologies, in particular to developing countries, on favourable terms, including on concessional and preferential terms, as mutually agreed?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (j)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) recommended that international financial institutions and other agencies' policies support developing countries, as well as countries with economies in transition, in their own efforts to establish policy and regulatory frameworks which create a level playing field between the following: renewable energy, energy efficiency, advanced energy technologies, including advanced and cleaner fossil fuel technologies, and			

	centralized, distributed and decentralized energy systems?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (k)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) promoted increased research and development in the field of various energy technologies, including renewable energy, energy efficiency and advanced energy technologies, including advanced and cleaner fossil fuel technologies, both nationally and through international collaboration; strengthen national and regional research and development institutions/centres on reliable, affordable, economically viable, socially acceptable and environmentally sound energy for sustainable development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (l)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) promoted networking between centres of excellence on energy for sustainable development, including regional networks, by linking competent centres on energy technologies for sustainable development that could support and promote efforts at capacity-building and technology transfer activities, particularly of developing countries, as well as serve as information clearing houses?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (m)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) promoted education to provide information for both men and women about available energy sources and technologies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (n)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) utilized financial instruments and mechanisms, in particular the Global Environment Facility, within its mandate, to provide financial resources to developing countries, in particular least developed countries and small island developing States, to meet their capacity needs for training, technical know-how and strengthening national institutions in reliable, affordable, economically viable, socially acceptable and environmentally sound energy, including promoting energy efficiency and conservation, renewable energy and advanced energy technologies, including advanced and cleaner fossil fuel technologies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) supported efforts to			

Para 20 (o)	improve the functioning, transparency and information about energy markets with respect to both supply and demand, with the aim of achieving greater stability and predictability, and to ensure consumer access to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (p)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) implemented policies to reduce market distortions would promote energy systems compatible with sustainable development through the use of improved market signals and by removing market distortions, including restructuring taxation and phasing out harmful subsidies, where they exist, to reflect their environmental impacts, with such policies taking fully into account the specific needs and conditions of developing countries, with the aim of minimizing the possible adverse impacts on their development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (q)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) taken action, where appropriate, to phase out subsidies in this area that inhibit sustainable development, taking fully into account the specific conditions and different levels of development of individual countries and considering their adverse effect, particularly on developing countries?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (r)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) improved the functioning of national energy markets in such a way that they support sustainable development, overcome market barriers and improve accessibility, taking fully into account that such policies should be decided by each country, and that its own characteristics and capabilities and level of development should be considered, especially as reflected in national sustainable development strategies, where they exist?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (s)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) strengthened national and regional energy institutions or arrangements for enhancing regional and international cooperation on energy for sustainable development, in particular to assist developing countries in their domestic efforts to provide reliable, affordable, economically viable, socially acceptable and environmentally sound energy services to all sections of their populations?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (t)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) developed and implemented actions within the framework of the ninth session of the Commission on Sustainable Development, including through public-private partnerships, taking into account the different circumstances of countries, based on lessons learned by Governments, international institutions and stakeholders, including business and industry, in the field of access to energy, including renewable energy and energy-efficiency and advanced energy technologies, including advanced and cleaner fossil fuel technologies;?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (u)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) promoted cooperation between international and regional institutions and bodies dealing with different aspects of energy for sustainable development within their existing mandate, bearing in mind paragraph 46 (h) of the Programme of Action for the Further Implementation of Agenda 21, strengthening, as appropriate, regional and national activities for the promotion of education and capacity-building regarding energy for sustainable development?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (v)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders) strengthened and facilitated, as appropriate, regional cooperation arrangements for promoting cross-border energy trade, including the interconnection of electricity grids and oil and natural gas pipelines?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 20 (w)	Has the government (as well as relevant regional and international organizations and other relevant stakeholders strengthened and, where appropriate, facilitated dialogue forums among regional, national and international producers and consumers of energy)?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

8. Stakeholders: Small Island Developing States

8.1 Climate change				
8.1.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 18 (c)	Has the government, as a matter of priority, promoted increased energy efficiency and development and use of renewable energy, as well as advanced and cleaner fossil fuel technologies, <i>inter alia</i> through public and/or private partnerships, market-oriented approaches, as well as supportive public policies and international cooperation and supported their use in small island developing States, where appropriate, and in accordance with their national policies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.2 Management of wastes				
8.2.1 Activities				
8.2.1.1 Management-related activities				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 23 (c) iv	Has the government developed projects appropriate to small island developing States for the use of waste as a resource, including for the production of energy as a waste management solution?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 24	Has the government recognized that there is concern with the environmental implications of potential oil leaks from sunken state vessels to marine and coastal ecosystems of small island developing States, and taking into account sensitivities surrounding those vessels which are marine graves, and with relevant vessel owners, continue to address the issue bilaterally on a case-by-case basis?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.2.1.2 Regional and international cooperation				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy	Has the government maintained dialogue and consultation, in particular under the aegis of the IAEA and IMO, with the aim of			

Para 25	improving mutual understanding, confidence building and enhanced communications in relation to safe maritime transport of radioactive materials? Has the government (of those countries involved in the transport of such materials) continued to engage in dialogue with small island developing States and other states to address their concerns? These concerns include the further development and strengthening, within the appropriate fora, of international regulatory regimes to enhance safety, disclosure, liability, security and compensation in relation to such transport.			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.3 Land resources				
8.3.1 Means of implementation				
8.3.1.1 Capacity building				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 45	Has the government (with the support of the international community) improved national capacity for: (a) Policy and legislation formulation; (b) The development of databases and assessment of mineral and aggregate resources; (c) Negotiations with transnational corporations including measures to enhance transparency of revenue flows; (d) The evaluation of mineral sector projects, including using environmental and social impact assessment to identify opportunities and risks and ensuring compliance with mitigatory and ameliorative measures where impacts are negative, as well as dealing with mining tenement issues and raising land “owner” awareness and participation?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.4 Energy resources				
8.4.1 Activities				
8.4.1.1 Management-related activities				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 46	Has the government researched the possibilities for the use of new options of energy supply, such as wind, solar, geothermal, biomass, hydro, and ocean energy? States are particularly suited to these options because of their geographical location. However, existing technologies may not always be adaptable to the needs and circumstances of many small island developing States communities.			

	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 47	Has the government (with the necessary support of the international community) developed and implemented integrated energy programmes? These programmes should include, inter alia, comprehensive assessments of small island developing States energy resources, current and projected patterns of energy use, enhancing energy efficiency, and promote the development and use of renewable energy as well as advanced clean energy technologies that are affordable and readily adaptable to the circumstances of small island developing States. Regional development banks have an important role in this process. Support for technology transfer on mutually agreed terms and for capacity-building are important.			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 48	Has the government (with the required support of the international community) strengthened ongoing and supported new efforts on energy supply and services, including the promotion of demonstration projects? It is recognized that a renewed effort is required by all, for small island developing States to achieve real and demonstrable progress in this regard by the time of review by the Commission on Sustainable Development in 2006, in accordance with its work programme.			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.4.1.2 Regional and international cooperation				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy Para 49	Has the government (together with other international partners) promoted greater dissemination and application of small island developing States-appropriate energy technology and strengthened existing mechanisms, such as the United Nations Renewable Energy Fund and the United Nations Development Programme (UNDP) Energy Thematic Trust Fund, for this purpose? Has the government further cooperated with other small island developing States in areas where success has been achieved, such as a collaborative agency for financing small island developing States renewable energy and energy efficiency projects?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.5 Implementation				
8.5.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
Mauritius Strategy	Has the government (with the necessary support of the international community, including through the facilitation and improvement			

Para 84 (b)	of access to existing resources and, where appropriate, through allocation of dedicated financial resources) taken action to address energy vulnerability, to promote access to energy efficient technologies, renewable energy and advanced clean energy technologies that are affordable and readily adaptable to the special circumstances of small island developing States?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.6 Financial resources				
8.6.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 58 (a)	Has the SIDS government accelerated national and regional implementation of the Programme of Action, with adequate financial resources, including through Global Environment Facility focal areas, transfer of environmentally sound technologies and assistance for capacity-building from the international community?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
8.7 Energy				
8.7.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 59 (a)	Has the SIDS government strengthened ongoing and supported new efforts on energy supply and services, by 2004, including through the United Nations system and partnership initiatives?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 59 (b)	Has the SIDS government developed and promoted efficient use of sources of energy, including indigenous sources and renewable energy, and building the capacities of small island developing States for training, technical know-how and strengthening national institutions in the area of energy management?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

9. Stakeholders: African governments

9.1 Sustainable Development for Africa				
9.1.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 62 (j) i	Has the African government established and promoted programmes, partnerships and initiatives to support Africa's efforts to implement NEPAD objectives on energy, which seek to secure access for at least 35 per cent of the African population within 20 years, especially in rural areas?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 62 (j) ii	Has the African government provided support to implement other initiatives on energy, including the promotion of cleaner and more efficient use of natural gas and increased use of renewable energy, and to improve energy efficiency and access to advanced energy technologies, including cleaner fossil fuel technologies, particularly in rural and peri-urban areas?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
JPOI Para 62 (k)	Has the African government assist African countries in mobilizing adequate resources for their adaptation needs relating to the adverse effects of climate change, extreme weather events, sea level rise and climate variability, and assist in developing national climate change strategies and mitigation programmes, and continue to take actions to mitigate the adverse effects on climate change in Africa, consistent with the United Nations Framework Convention on Climate Change?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			

10. Stakeholders: International Community

10.1 International cooperation				
10.1.1 Activities				
Source	Recommendation	Target Group	Target Date	Reference

CSD 9 th Session Art 36 (1)	Has the International Community taken concrete measures to maximize existing and to explore ways to increase financial resources and create innovative financing solutions to support energy for sustainable development, including through debt relief and, where possible, debt cancellation, facilitating foreign investment, action to reverse the downward trend in ODA, and strive to fulfil the commitments undertaken to reach the accepted United Nations target of 0.7 per cent of gross national product (GNP) as soon as possible, the incorporation of energy for sustainable development considerations in bilateral and multilateral development cooperation programmes and in development cooperation programme activities of the international financial institutions and general lending policies, including through addressing the development of energy policy in national poverty eradication policies, where they exist?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (2)	Is the International Community continuing the dialogue on issues relating to energy for sustainable development within the World Summit on Sustainable Development process, in accordance with General Assembly resolution 55/199?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (3)	Has the International Community promoted international public-private partnership cooperation programmes for promoting affordable, energy efficient and advanced fossil fuel and renewable energy technologies?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (4)	Has the International Community promoted networking between centres of excellence on energy for sustainable development by linking competent centres on energy technologies for sustainable development that could support and promote efforts at capacity-building and technology transfer activities, as well as serve as information clearing houses?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (5)	Has the International Community made available grants and loans to developing countries on favourable terms that would permit sharing the cost of the development of energy infrastructure, including rural and remote energy infrastructure, with relevant international lending institutions and private sector investments?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (6)	Has the International Community explored the scope of the use of existing international mechanisms for financing infrastructure development to identify risks and ensure they are managed on a transparent basis, with an effective equitable partnership between			

	investors and host countries, since developing countries do not have institutional structures that are adequately prepared to deal with the scale of commercial risks associated with major energy investments?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			
Source	Recommendation	Target Group	Target Date	Reference
CSD 9 th Session Art 36 (7)	Has the International Community supported endeavours to promote equal access and opportunities for women in relation to energy, including credit facilities and involvement in energy policy decision-making processes?			
	1.) If yes: a.) How and When? b.) What was the impact? c.) How was it measured? 2.) If not: Why not?			