

PROJECT DOCUMENT

Regional project for strengthening statistical capacity for the ESCWA countries in energy statistics and energy balance

Economic and Social Commission for Western Asia (ESCWA) in collaboration with the
United Nations Statistics Division (UNSD)

1. EXECUTIVE SUMMARY

Project Title	Regional project for strengthening statistical capacity for the ESCWA countries in energy statistics and energy balance
Duration	3 years (2011-2013)
Location	14 ESCWA member countries
Executing Agency	Economic and Social Commission for Western Asia (ESCWA)
Cooperating Agencies	UNSD, MEDSTAT, IEA, OPEC and IEFS
National Counterpart Institutions	National Statistical Offices and Ministries of Energy and Electricity in ESCWA member countries
DA Funding	US\$ 509,000 (under additional 12.5 million funds of 7 th tranche)
Project Objective	To strengthen national statistical capacity in developing energy information systems and energy statistics and balance in ESCWA member countries in cooperation with international, regional and national institutions

2. BACKGROUND

2.1. Introduction

Statistics and indicators are critical tools for countries in policy-making and for socio-economic planning. They are needed for assessment of the current situation to set objectives for the future, and to measure progress and development. The Economic and Social Council (ECOSOC) in its resolutions 1999/55 and 2000/29, stressed the importance of relevant, accurate, and timely statistics and indicators for evaluating the implementation of the outcome of the recent international conferences. In addition, the integration of economic and environmental considerations is essential in formulating effective sustainable development policies.

A substantial gap still exists between the demand for information and the ability of most countries to routinely supply this information, both in terms of the availability and the quality of data. Most countries still need to make progress in the development of relevant statistics and indicators. The ECOSOC has reaffirmed the importance of statistical training and has urged United Nations organizations, including the Secretariat, to mobilize the required resources and coordinate their efforts to support national statistical capacity-building in developing countries.

Energy represents a basic input to all sectoral and national development plans, particularly in ESCWA member countries where the energy sector has a vital role in the economic and social development. The quality of energy statistics in most of ESCWA member countries still needs capacity building to meet the appropriate statistical requirements for formulating national development plans and international reporting. ESCWA member countries face several problems concerning the availability and overall quality of data on energy, therefore, there is an urgent need to upgrade the level of awareness in the field of energy statistics as well as for harmonizing the definitions and classification and to produce yearly energy balance.

Energy balance is an accounting framework for compilation and reconciliation of data on all energy products, entering, exiting and used within the national territory of a given country during a reference period, in a common accounting unit¹. The energy balance is used for the construction of various indicators of energy consumption (for example consumption per capita or per unit of GDP) and of energy efficiency and for high-level check on the data accuracy². As for policy-makers, analysts and companies involved in the energy sector, energy balance is a unique data source as it presents an overall picture of the sector, providing detailed data on production, trade, conversion and consumption of fuels by type.

The Expert Group Meeting on compilation and analysis of energy statistics and indicators that was organized by ESCWA in Beirut, 3-5 March 2009 for the ESCWA member countries concluded its discussions with a set of recommendations aiming at enhancing the quality of

¹ UNSD. 2010. Item 3(e) of the provisional agenda of the 42nd Statistical Commission. International Recommendations for Energy Statistics (IRES).

² OECD and IEA. 2005. Energy Statistics Manual. Page 135.

energy statistics used in establishing energy balance at the country and regional levels³. In 2009 and 2010, ESCWA received several requests for technical assistance from member countries on compiling energy statistics and producing energy balance.

- Consequently, ESCWA developed the current project to complement the above undertakings (i) by providing a detailed baseline assessment for the region, which will serve as a starting point for future regional and country assessments; and (ii) by introducing a methodological framework for implementation. ESCWA will collaborate with the following organizations after contacting the concerned departments: The United Nations Statistics Division (UNSD), the regional statistical co-operation programme between the EU member States and 10 Mediterranean countries, (MEDSTAT), the International Energy Agency (IEA) and the International Energy Forum Secretariat (IEFS) (table 1, and Annex 5). The proposed project will also use the results of the Development Account project on building capacity in environment statistics, indicators and accounts that ESCWA implemented during 2007-2010. The environmental accounting framework that was developed by several member countries through the previous DA project, provided sectoral information on supply and use and assets and emissions accounts that can be linked to the energy balance and energy accounts to provide a more comprehensive integrated data on natural resources use, environment protection and economic growth. In addition, the input-output tables developed within the context of the previous project can be used in the framework of energy balance.

At the end of the project, member countries will have the necessary capacity to pursue the activities of the project such as training and sharing knowledge and will be able to conduct periodic assessments of energy statistics to adopt corrective policies and programs as required. member countries will produce statistics and indicators on the energy in the region that will be disseminated and made accessible to users through the virtual network, supported and monitored by ESCWA, to promote knowledge sharing. The capacity of member countries to disseminate energy balance according to United Nations methodologies will be enhanced. Thus, the project is expected to have a strong multiplier effect.

ESCWA's comparative advantage in multidisciplinary approach and transboundary issues, where its expertise in environment, water, energy, industry, technology, national accounts, economic analysis and its regional coverage can address complex and integrated economic, social and environmental issues. ESCWA will use its regional convening power and policy advocacy for action to harness all interests and capability into this endeavor.

2.2. Link to the Programme Budget

This project falls under the framework of the 2010-2011 and 2012-2013 subprogramme 5 (Statistics for evidence-based policymaking) and subprogramme 1 (Integrated policies for the management of regional resources for sustainable development of programme 18), economic and social development in Western Asia;

³ Final report of the Expert Group Meeting on compilation and analysis of energy statistics and indicators Beirut, 3-5 March 2009 (E/ESCWA/SD/2009/WG.1/4)

The project activities will contribute to the two expected accomplishment of the subprogramme 5: EA (a): Progress in improving the national institutional framework for official statistics, in particular in conflict-stricken countries and those that are less statistically developed and EA (b): Enhanced capacity of national statistical offices to produce and disseminate relevant, timely, reliable and comparable economic and social statistics and indicators, including Millennium Development Goal indicators and gender-disaggregated data, in compliance with international standards and recommendations.

2.3. Link to the Internationally Agreed Development Goals (IADGs), including the Millennium Development Goals (MDGs) and Development Agenda

Statistics are a cross-cutting issue to measure and monitor the MDGs. In particular, reliable, comparable and timely statistics on energy supply and use is essential in monitoring MDG 7 (ensure environmental sustainability) as well as for policy-formulation, planning, monitoring and evaluation of all programmes/projects.

The project will help countries to monitor progress toward achieving MDG 7 ‘ensure environmental sustainability’, more precisely target 7.A ‘Integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources’.

Producing energy balance provides countries with a tool for the implementation of the World Summit on Sustainable Development, support policies and measures that can promote sustainable production and consumption of energy.

Moreover, the signatories countries of the Kyoto protocol can chose to decrease inefficient energy use and increase the renewable sources of the country, which the energy balance can give insight to, in addition to estimation of CO₂ emissions by sector and by energy source.

2.4. Lessons learned

ESCWA can benefit from lessons learned on developing energy statistics systems from MEDSTAT, since MEDSTAT has been working with Mediterranean partners for a decade and they are at the last phase of the project that will be implemented during the next two years. ESCWA can learn from MEDSTAT’ experience on compilation of data, surveys, questionnaires, database, and technical assistance and will replicate the good practices and avoid the pitfalls.

ESCWA can benefit from UNSD experience on international data collection and on global consultation for new recommendations for energy statistics.

ESCWA implemented a similar project on environment statistics from 2007 until 2011. The final report of the evaluation of the project gave recommendations to improve the execution and increase the efficiency of the project and that will be taken into account during the implementation of the current project, such as requesting from member countries to assign regular focal points for the project, increasing the number of horizontal technical assistance missions, emphasizing national trainings, and enhancing and advocating the network of experts.

3. ANALYSIS

3.1. Stakeholder analysis

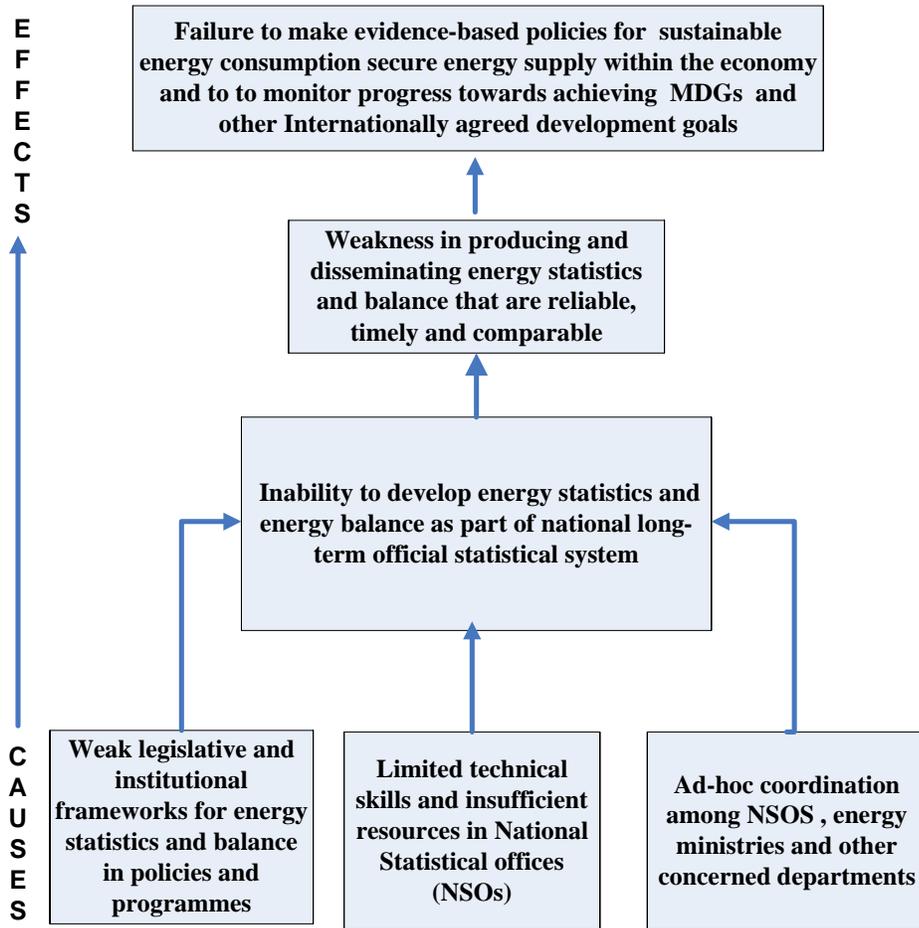
The key beneficiaries will be all fourteen ESCWA member countries Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon (host country), Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, United Arab Emirates, Yemen, in particular national statistics offices, government departments related to the energy and electricity, national and regional institutions and experts working on energy, decision-makers designing and implementing energy policies, economic growth and sustainable development.

The stakeholders will participate to this project to upgrade their skills in improving the energy statistics system which will contribute to design energy-efficient and climate change policies for mitigation and adaptation in relation to Kyoto protocol and the World Summit on Sustainable Development which is very high on the agenda of policy-makers at ESCWA member countries.

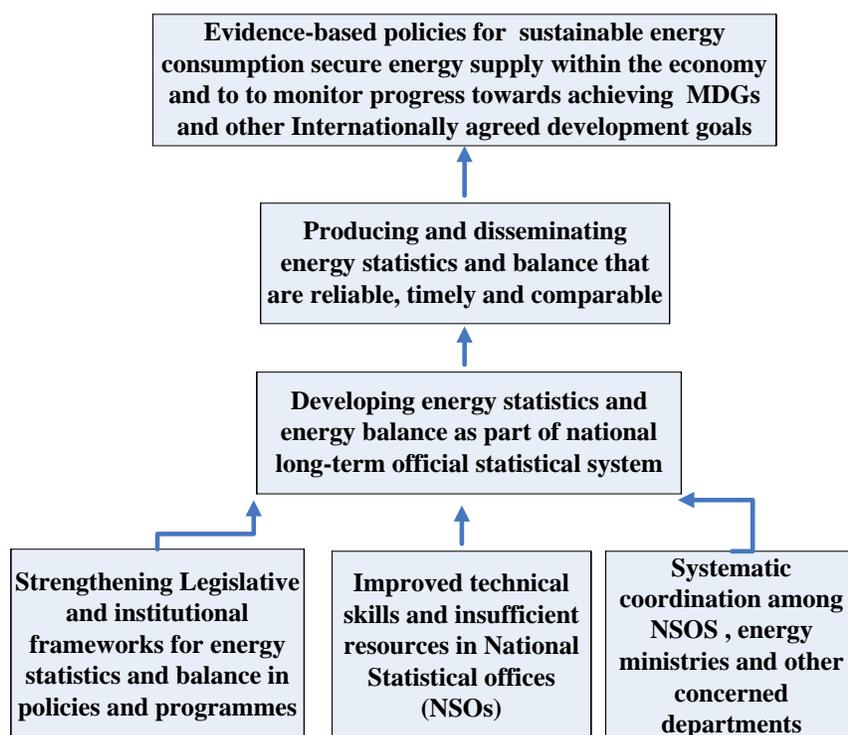
The stakeholders in the region are not on the same level of statistics advancement. Countries with developed statistical capacities will require modest capacity building; while Gulf countries have the financial resources but do not have the statistical systems required for energy statistics and balance. The major emphasis will concentrate on the LDCs and conflict-stricken countries that lack financial resources and require capacity-building. In this regard, five national workshops will target these countries to build the capacity of a large number of nationals. This activity has shown to be the more efficient where the largest number of officials necessitate capacity building and benefit the most.

Ensuring sustainability will be included through establishing a platform (website) to promote the continuation of exchanges of expertise between experts and practitioners in the field and to encourage the implementation of common procedures and standards among member countries.

3.2 Problem analysis



3.3 Analysis of objectives



4. PROJECT STRATEGY

4.1.Objective

To strengthen national statistical capacity in developing energy information systems and energy statistics and balance in ESCWA member countries in cooperation with international, regional and national institutions

4.2.Project's Expected Accomplishments (EA):

EA 1: Regional and national energy statistics and balance assessed and areas of improvements identified according to the priorities of member countries.

EA 2: National Statistical Offices skills strengthened to produce energy balance

EA 3: Annual energy balance produced and disseminated

4.3.Project's Achievements Indicators (AI):

AI 1.1: Endorsement of energy statistics and balance assessment reports by participating member countries

AI 2.1: Increase (%) in national officials with skills strengthened in energy balance in member countries by the end of the project

AI 3.1: Dissemination of energy statistics and energy balance reports by at least six ESCWA member countries

4.4. Project's Main Activities:

Activity 1.1 Technical assistance missions to assess the needs of member countries and their priorities in preparing energy balance and produce an assessment report;⁴ and to assist countries in compiling and publishing energy balance

Activity 1.2 Set-up national working groups representing related departments and develop a knowledge network to identify and share experiences related to energy statistics and balance and improve the visibility of energy statistics for ESCWA member countries through docubase on energy statistics and balance and an official web site

Activity 2.1 One expert working group to produce outline of a training manual on energy balance and specialized surveys on energy use that will be utilized and built for activities 2.2 and 3.1 related to training and 3.2 on database application

Activity 2.2 One regional training workshop on data collection related to energy balance and survey methodologies for national statistics offices and related departments

Activity 2.3 One training of trainers seminar for selected participating countries' national offices on energy balance; trainers will contribute to the national trainings in Activity 3.1

Activity 2.4 Five study visits for practitioners within ESCWA from selected countries to learn best practices from leading countries or agencies (3 horizontal and 2 to Europe)

Activity 3.1 Five national workshops on compiling and publishing energy balance

Activity 3.2 Development of national database, including hardware and software, catalogue of metadata and compilation of energy balance

Activity 3.3 One regional seminar to discuss the energy balance produced by countries and to formulate plans of action for regular energy balance according to international standards

5. MONITORING AND EVALUATION

Monitoring the indicators of achievements will give an overview on the successful implementation of the objectives of the project. The nomination of focal points from each of the participating countries will be initiated as soon as the allotment is obtained. ESCWA will remain in close contacts with ESCWA member countries for monitoring the needs and outcomes of their respective countries.

AI 1.1: Endorsement of energy statistics and balance assessment reports by participating member countries.

⁴ The needs assessment report includes: Designing a survey questionnaire for the needs assessment, identifying stakeholders within the country, reporting on national legislative and Institutional settings for energy statistics and balance, assessing energy data availability and quality, identify gaps and problem, evaluating information system used, assessing human and financial resources dedicated to energy statistics and balance and drafting a national work plan for energy statistics and balance according to national priorities

This indicator can be monitored through interviews with project stakeholders and a survey questionnaire and that will be circulated to the statistical offices and Ministries of Energy on endorsing and benefiting from the assessment report produced.

AI 2.1: Increase (%) in national officials with skills strengthened in energy balance in member countries by the end of the project

This indicator can be monitored by analyzing the evaluation reports distributed to all participants during the national training workshops. The evaluation reports will be distributed and analyzed by ESCWA staff members attending the workshops. The indicators can also be monitored through the interviews with project stakeholders and needs assessment study for baseline skills. A minimum of 50% of concerned national officials identified at the start of the project continuously stay involved in project activities and their skills levels are judged strengthened.

AI 3.1: Dissemination of energy statistics and energy balance reports by at least six ESCWA member countries

This indicator can be monitored by counting the number of countries disseminating energy statistics and energy balance publications, reports, and bulletins in their official publications and through their websites. It can also be monitored by reviewing statistical offices and ministries of energy work plans to reflect the incorporation of energy balance reports in their scheduled publications and website access log

An external evaluation of the project will be undertaken by an external evaluation consultant upon the successful implementation of all activities related to this project. The consultant will review the implementation stages and will evaluate the results. An amount of 2% of the budget is allocated for the final evaluation.

6. EXTERNAL FACTORS

The timely and efficient implementation of the activities related to this project depends directly or indirectly on the following factors:

- Willingness of countries to take part in the survey
- The coordination at the national level between national statistical offices and departments responsible for energy;
- Targeted beneficiaries at the level of countries and at the level of officials sustain their interest in energy data and related issues;
- The availability of international and national consultants to undertake the consultancies proposed, and the security situation in some of the ESCWA member countries;
- Willingness to share information with other member countries and with regional and international organizations.

7. IMPLEMENTATION ARRANGEMENTS

This project will be implemented by ESCWA in cooperation with several international, regional and national counterparts.

Table 1. Collaborating agencies by type and involvement

Organization	Type of organization	Expected contribution
ESCWA/Statistics Division	Implementing Agency/ Project Manager	Implementing the project activities in coordination with Regional and national counterparts Providing technical assistance through staff and consultants to ESCWA member countries Organize missions and workshops to technically help officials from member countries in energy statistics and balance
ESCWA/Sustainable Development and Productivity Division	Cooperating Division	Provide technical assistance: i.e. conducting missions, assisting and coordinating on workshops and meetings
UNSD ⁵	Cooperating Agency	Provide technical assistance through cooperating on technical issues for meetings and workshops Assist in missions to be conducted by experts to ESCWA member countries
MEDSTAT III/ Energy Statistics Section ⁶	Cooperating Agency	First Coordination Meeting in Istanbul on 13 April 2011 Second Coordination Meeting in Beirut on 22 July 2011 Provide technical assistance and cooperation since Medstat Energy project is implemented in 5 of ESCWA's member countries Provide experts in the energy field to conduct national missions and provide assistance during meetings and workshops Exchange of study visits between ESCWA member countries and Mediterranean partners
IEA ⁷	Cooperating Agency	Provide technical assistance through cooperating on technical issues for meetings and workshops Assist in missions to be conducted by experts to ESCWA member countries
OPEC ⁸	Cooperating Agency	Participation of experts to meetings and workshops Exchange of energy data with ESCWA Funding OPEC member countries' participants to ESCWA meetings and trainings
IEFS ⁹	Cooperating Agency	Participation of experts to meetings and workshops Cooperation on the Joint Oil Data Initiative (JODI)
National Statistical Offices	Beneficiaries/ National Counterpart	Facilitate and promote the energy project on the national level Provide venues for national workshops and technical missions Participate in all meetings and workshops Participate to national intended technical missions Participants are expected to deliver technical papers about the energy statistics status in their country
Ministry of Energy and Electricity	Beneficiaries/ National Counterpart	Facilitate and promote the energy project on the national level Participate in all meetings and workshops Participate to national intended technical missions Participants are expected to deliver technical papers about the energy sector status in their country

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⁹ Said Nchet, IEFS, said.nchet@iefs.org.sa

ANNEX 1: LOGICAL FRAMEWORK

Intervention logic	Indicators	Source of verification	Risks/Assumptions
Objective: To strengthen national statistical capacity in developing energy information systems and energy statistics and balance in ESCWA member countries in cooperation with international, regional and national institutions			
EA 1: Regional and national energy statistics and balance assessed and areas of improvements identified according to the priorities of Member countries	AI 1: Endorsement of energy statistics and balance assessment reports by participating member countries	<ol style="list-style-type: none"> 1. Interviews with project stakeholders 2. Survey questionnaire to the statistical offices and Ministries 	<ol style="list-style-type: none"> 1. Willingness of countries to take part in the survey 2. The coordination at the national level between national statistical offices and departments responsible for energy. 3. Targeted beneficiaries at the level of countries and at the level of officials sustain their interest in energy data and related issues
A 1.1: Technical assistance missions to assess the needs of the member countries and their priorities in preparing energy balance and produce an assessment report; and to assist countries in compiling and publishing energy balance			
A 1.2: Set-up national working groups representing related departments and develop a knowledge network to identify and share experiences related to energy statistics and balance and improve the visibility of energy statistics for ESCWA members through docubase on energy statistics and balance and an official web site			
EA2: National Statistical Offices skills strengthened to produce energy balance	AI: 2 Increase (%) in national officials with skills strengthened in energy balance in member countries by the end of the project	<ol style="list-style-type: none"> 1. Evaluation Questionnaire of Meetings (EGMs and Workshops) at start and end of project 2. Interviews with project stakeholders 3. Needs assessment study 	<ol style="list-style-type: none"> 1. The availability of international and national consultants to undertake the consultancies proposed, and the security situation in some of the ESCWA member countries. 2. A minimum of 50% of concerned national officials identified at the start of the project continuously stay involved in project activities.

A 2.1: One expert working group to produce outline of a training manual on energy balance and specialized surveys on energy use that will be utilized and built for activities 2.2 and 3.1 related to training and 3.2 on database application			
A 2.2: One regional training workshop on data collection related to energy balance and survey methodologies for national statistics offices and related departments			
A 2.3: One training of trainers seminar for selected participating countries' national offices on energy balance; trainers will contribute to the national trainings in Activity 3.1			
A 2.4: Five study visits for practitioners within ESCWA from selected countries to learn best practices from leading countries or agencies (3 horizontal and 2 to Europe)			
EA 3: Annual Energy balance produced and disseminated	AI 3 Dissemination of energy statistics and energy balance reports by at least six ESCWA member countries	<ol style="list-style-type: none"> 1.National Reports on energy statistics and balance 2.NSO and Ministry of energy work plans to reflect the incorporation of energy balance reports in their scheduled publications 3.Website access log 	<ol style="list-style-type: none"> 1.The availability of international and national consultants to undertake the consultancies proposed, and the security situation in some of the ESCWA member countries. 2.Willingness to share information with other member countries and with regional and international organizations 3.Commitment to develop Information Technology tools on energy statistics and balance
A 3.1: Five national workshops on compiling and publishing energy balance			
A 3.2: Development of national database, including hardware and software, catalogue of metadata and compilation of energy balance			
A 3.3: One regional seminar to discuss the energy balance produced by countries and to formulate plans of action for regular energy balance according to international standards			

ANNEX 2: RESULT BASED WORKPLAN

Expected accomplishment	Main activity	Timeframe by output/activity		
		2011	2012	2013
EA 1 Regional and national energy statistics and balance assessed and areas of improvements identified according to the priorities of member countries	A 1.1: Technical assistance missions to assess the needs of the member countries and their priorities in preparing energy balance and produce an assessment report; and to assist countries in compiling and publishing energy balance	x	x	
	A 1.2: Set-up national working groups representing related departments and develop a knowledge network to identify and share experiences related to energy statistics and balance and improve the visibility of energy statistics for ESCWA members through docubase on energy statistics and balance and an official web site	x	x	x
EA 2: National Statistical Offices skills strengthened to produce energy balance	A 2.1: One expert working group to produce outline of a training manual on energy balance and specialized surveys on energy use that will be utilized and built for activities 2.2 and 3.1 related to training and 3.2 on database application	x		
	A 2.2: One regional training workshop on data collection related to energy balance and survey methodologies for national statistics offices and related departments		x	
	A 2.3: One training of trainers seminar for selected participating countries' national offices on energy balance; trainers will contribute to the national trainings in A 3.1		x	
	A 2.4: Five study visits for practitioners within ESCWA from selected countries to learn best practices from leading countries or agencies (3 horizontal and 2 to Europe)	x	x	x
EA 3: Annual energy balance produced and disseminated	A 3.1: Five national workshops on compiling and publishing energy balance	x	x	
	A 3.2 Development of national database, , including hardware and software, catalogue of metadata and compilation of energy balance	x	x	
	A 3.3: One regional seminar to discuss the energy balance produced by countries and to formulate plans of action for regular energy balance according to international standards			x

ANNEX 3: RESULT BASED BUDGET

Expected accomplishment	Main activities	Budget Class	Details	Amount	
EA 1: Regional and national energy statistics and balance assessed and areas of improvements identified according to the priorities of member countries.	A 1.1. Technical assistance missions to assess the needs of the member countries and their priorities in preparing energy balance and produce an assessment report; and to assist countries in compiling and publishing energy balance	604	0140	\$ 16,000	
		604	0111	\$ 12,000	
		604	2601	\$ 8,000	
		608		\$ 8,000	
		612		\$ 6,000	
		602		\$ 6,000	
		Subtotal		\$ 56,000	
	A 1.2. Set-up national working groups representing related departments and develop a knowledge network to identify and share experiences related to energy statistics and balance and improve the visibility of energy statistics for ESCWA members through docubase on energy statistics and balance and an official web site	612		\$ 30,000	
	EA 2: National Statistical Offices skills strengthened to produce energy balance	A 2.1. One expert working group to produce outline of a training manual on energy balance and specialized surveys on energy use that will be utilized and built for activities 2.2 and 3.1 related to training and 3.2 on database application	604	2602	\$ 30,000
			604	0111	\$ 12,000
604			2601	\$ 8,000	
604			0140	\$ 4,000	
608				\$ 4,000	
612				\$ 4,000	
602				\$ 6,000	
616				\$ 2,000	
Subtotal			\$ 70,000		
A 2.2 One regional training workshops on data collection related to energy balance and survey methodologies for national statistics offices and related departments		621	7202	\$ 36,000	
		604	0140	\$ 12,000	
		604	2601	\$ 6,000	
		608		\$ 6,000	
		612		\$ 4,000	
		602		\$ 6,000	
		616		\$ 2,000	
Subtotal			\$ 72,000		
A 2.3: One training of trainers seminar for selected participating countries' national offices on energy balance; trainers will contribute to the national trainings in Activity 3.1		621	7202	\$ 30,000	
		604	0111	\$ 9,000	
		604	2601	\$ 4,000	
	612		\$ 4,000		
	602		\$ 6,000		
	616		\$ 2,000		
Subtotal		\$ 55,000			

	A 2.4. Five study visits for practitioners within ESCWA from selected countries to learn best practices from leading countries or agencies (3 horizontal and 2 to Europe)	621	7203	\$ 30,000
EA 3: Annual energy balance produced and disseminated	Activity 3.1: Five national workshops on compiling and publishing energy balance	621	7202	\$ 20,000
		608		\$ 12,000
		604	0140	\$ 20,000
		604	2601	\$ 8,000
		602		\$ 6,000
		616		\$ 2,000
		Subtotal		\$ 68,000
	A 3.2. Development of national database, including hardware and software, catalogue of metadata and compilation of energy balance	612		\$ 20,000
	A3.2. Contractual Services for the development of database application for Energy Statistics and Balance. that contains forms and tables and macros to fill the information required for energy balance taking as model the OECD or Eurostat Questionnaires. The application needs to be English-Arabic. A tool kit needs to be prepared for the installation by countries.	618		\$ 20,000
	Activity 3.3: One regional seminar to discuss the energy balance produced by countries and to formulate plans of action for regular energy balance according to international standards	621	7202	\$ 46,000
		604	0111	\$ 5,000
		604	2601	\$ 4,000
		608		\$ 11,000
		612		\$ 4,000
602			\$ 6,000	
616			\$ 2,000	
			\$ 78,000	
	FINAL EVALUATION	604	0111	\$ 10,000
	GRAND TOTAL			509,000

ANNEX 4: ALLOTMENT REQUEST

1. Summary table

Budget line	Object Description	Allotment (USD)	Explanation of changes compared to the concept paper*
602	GTA	\$36,000	Reduced by \$4,000
604	Consultants and Expert Groups	\$168,000	Reduced by \$60,000 and more funds were allocated to national consultants to enhance national capacity building with local expertise
0111	International Consultants	\$48,000	
0140	National Consultants	\$52,000	
2601	Travel of Consultants	\$38,000	
2602	Expert Groups	\$30,000	
608	Travel of staff	\$41,000	
612	Contractual services	\$72,000	Increased by \$30,000 capacity building activities
616	Operating expenses	\$10,000	Same
618	Supplies and Materials	\$20,000	Same
621	Fellowships, grants and contributions	\$162,000	Increased by \$22,000 to align with DA guidelines on allocating more resources for capacity building. Study visits were added because of the impact on capacity building and knowledge sharing.
	Total	\$509,000	Reduced by 9% from \$558,000 to \$509,000

*The budget was reduced by 9% from 558,000 to 509,000 as reflected in the above allotment.

Summary table by major activity

Type of Activity	Total Cost (US \$)	Percentage of total budget (%)
Expert Working group	70,000	13.8
Trainings	127,000	25.3
National Workshops	68,000	13.8
Seminar	78,000	15.7
Technical Missions	56,000	9.8
Study Visits	30,000	5.9
Expert Network and Database	70,000	13.8
Evaluation	10,000	2.0
Total	509,000	100.0%

2. Detailed justification by object code

The provisional budget for the three years is estimated at \$509,000 broken down as follows:

General temporary services

A provision of \$36,000 is required for General temporary assistance for programme support for project implementation of all activities. (\$3,000 Gross Salary x1 staff G4/1 x 12 months).

Consultants

A provision of \$138,000 is required to cover specialized expertise in support of the following activities:

- A 1.1. \$36,000 for technical assistance missions to assess the needs of the member countries and their priorities in preparing energy balance; and produce an assessment report and to assist countries in compiling and publishing energy balance. (International Consultant x 2 Work months x \$6,000 per month for \$12,000; 2 National consultants x 2 work months x\$ 4,000 a month for \$16,000; and \$ 8,000 for 2 missions for the travel consultant to 2 countries: (\$6,000 for international consultant to UAE: \$4,000 for the ticket + (\$350*5) for DSA +\$152 for terminal) and \$2,000 for the travel of national consultant to non-GCC (\$500 for the ticket +\$250*5 for DSA +\$152 for terminal).
- A2.1. \$24,000 for consultancy services to prepare the framework to be used and training manuals: (International Consultant x 2 Work months x \$6,000 per month for \$12,000; one national consultant for one month for \$4,000 and \$8,000 for consultant travel (International consultant to meeting venue: \$4,000 for the ticket + (\$350*5) for DSA +\$152 for terminal) and National (\$500 for the ticket +\$250*5 for DSA +\$152 for terminal to contribute the Expert group meeting).
- A 2.2. \$18,000 for consultancy services to prepare material on data collection related to energy balance and survey methodologies for the Regional training workshops on data collection related to energy balance and survey methodologies for national officials and related departments. (3 National consultants x 1 work month x\$ 4000 a month for \$12,000; and \$ 6,000 for travel to meeting venue ((\$500 for the ticket +\$250*5 for DSA +\$152 for terminal)*3)).
- A 2.3: \$13,000 to prepare training of trainers seminar in selected participating countries' national offices on energy balance: International consultant (2 months x \$4,500 a month and \$4,000 for one mission to travel to venue (\$3,000 for the ticket + (\$250*5 for DSA +\$152 for terminal).
- A 3.1: \$28,000 for consultancy services to prepare training for 5 national workshops on compiling and publishing energy balance to national institutions and conduct capacity building at national level in selected participating countries. (5 National consultants x 1 month x \$4,000 a month for a total of \$20,000 and \$8,000 to cover 4 missions for consultant travel to 4 countries), average \$2,000 each ((\$500 for the ticket +\$250*5 for DSA + \$152 for terminal)*4)).
- A3.3. \$9,000 for consultancy services to prepare paper to discuss the energy balance produced by countries and to formulate plans of action for the Regional seminar. International consultant for 1 month x \$5,000 a month and \$4,000 for travel to venue.
- All activities. \$10,000 for final Evaluation of the project and its achievements (2% of total)

Expert groups

A provision of \$30,000 is required in support of activity A2.1, for one expert group meeting to participate in the discussions on the training manual on energy balance and specialized surveys on energy use. (12 experts: 4 from Mashreq, 4 from GCCs, one from North Africa, 2 from Europe, one from NY ((706*4+815*4+1,460+1,403*2 +6,000 for tickets) + (241*4*12) for DSA and +152*12 for terminal))

Travel

A provision of \$ 41,000 is required for 14 missions by staff in support of training courses, as resources person in national workshops, and for advisory missions, mainly for the following activities:

- A1.1: \$ 8,000 for three missions to three countries UAE, Egypt, Saudi Arabia ((750 for ticket +350*5+\$152 for DSA and terminal)*3) to backstop activities to assess the needs of the member countries and their priorities in preparing energy balance. Since Jordan and Egypt have started the development of energy balance through the Medstat support, further assistance will build on the progress made and solve technical problems to provide pilot energy balance to be shared with other countries. Saudi Arabia will be visited given its importance as oil producer and exporter. Those missions will be planned while the needs assessment being conducted in A1.1.
- A2.1. \$4,000 for one mission to Paris to coordinate with IEA and MEDSTAT on the InterEnerStat (which covers most of regional and international organizations working on energy statistics to harmonize questionnaires and definitions of energy statistics and balance and to discuss contribution of expertise to the “Expert group meeting to produce outline a training manual on energy balance and specialized surveys on energy use”. The on-site participation is important to share knowledge with other organizations on scientific progress and planned activities and on harmonization of energy statistics.
- A2.2. \$6,000 for one mission to NY to coordinate the regional component of the training materials and methodologies developed by UNSD at the meeting of the Inter-Secretariat working group on energy statistics attended by organizations and officials from member countries to review methodological documents and put recommendations to Statistical Commission.
- A3. 1. \$12,000 for five missions to five selected countries to conduct “National workshops on compiling and publishing energy balance”; namely countries that requested assistance on energy balance in 2010, and to cover LDCs and conflict stricken countries and GCC country (UAE, Sudan and Yemen, Syria and Kuwait, \$2,400 average, ((700 for ticket+\$300*5+\$152 for DSA and terminal)*5))
- A3.3. \$11,000 for three missions (Bahrain, Oman, Qatar) (\$750 for ticket +350*4+\$152 for DSA and terminal)*3) to follow up on A3.1 and present the results in the seminar and one mission for DESA-UNSD staff to contribute to the regional seminar ((3,500+(241*4)+152)).

Contractual services

A provision of \$72,000 is required for services in support of the following activities:

A1.2. \$30,000 to set-up national working groups representing related departments and develop a network to identify and share knowledge and experiences related to energy statistics and balance and improve the visibility of energy statistics for ESCWA members through specific publication and official web site. This will include the development of web application to set a virtual network for the national and international experts, a forum for discussion and a docubase for the repertoire of publications in English and Arabic related to energy statistics and balance.

- A2.1. 4,000 for interpretation services for the EGM. Two interpreters for 3 days.
- A2.1, 2.2 and 3.2. 6,000 for editing and translating methodological documents.
- A2.2. 4,000 for interpretation services for the Regional training workshop. Two interpreters for 3 days.
- A2.3. 4,000 for interpretation services for the training for trainers seminar. Two interpreters for 3 days.
- A 3.2. 20,000 for contractual Services for the development of database application for Energy Statistics and Balance that contains forms and tables and macros to fill the information required for energy balance taking as model the OECD or Eurostat Questionnaires. The application needs to be English-Arabic. A tool kit needs to be prepared for the installation by countries.
- A3.3. 4,000 for interpretation services for the Regional Seminar. Two interpreters for 3 days.

General operating expenses

A provision of \$10,000 is required for general operating expenses for the preparation of meetings (2,000 per meeting for 5 meetings: printing, CDs, postage and communication).

Equipment

A provision of \$20,000 is required for the purchase of hardware equipment and application software to support the data collection, data exchange and dissemination purchase of equipment required for the development of national database, for conflict-stricken and LDCs countries (Sudan, Yemen, Iraq, and Palestine: Granting 4 servers, 8 laptops and a database application, a catalogue of metadata for Energy Statistics and Balance). Application package that contains forms and tables and macros to fill the information required for energy balance taking as model the OECD or Eurostat Questionnaires. The application needs to be English-Arabic. A tool kit needs to be prepared for the installation by countries.

Training

A provision of \$162,000 is required for training mainly for the following activities:

- A2.2. \$36,000 for travel and DSA to cover participation of 14 member countries (including Lebanon, the host country, where no travel costs incurred): one from each of 13 National Statistical Offices and one from each of the 7 non-GCC Ministries of Energy, (($\$706 \times 20$) for travel + and ($\$241 \times 20 \times 4$) + ($\$152 \times 20$) for DSA and terminal)

- A2.3. \$30,000 for travel and DSA for 2 experts from Europe and 13 experts from ESCWA countries excluding Lebanon ($\$1,400*2+\$706*15$) for tickets + ($(\$241*15*4) + (\$152*15)$ for DSA and terminal)). The trainers will be selected from National Statistical Offices and Ministries of Energy based on learning experience during the regional training; (A more technical and advanced training will be offered to those trainers)
- A 2.4. \$30,000 for five study visits for 10 practitioners within ESCWA from 5 selected countries ($(\$700*10)$ for tickets+ $(\$350*10*6)+(\$152*10)$ for DSA and terminal)) to learn best practices from leading countries or agencies: (3 horizontal and 2 to Europe). The 3 horizontal entail 3 guest countries and 3 host countries, which is beneficial for 6 member countries). Study visits to Mediterranean member countries (5) are offered by Medstat
- A3. 1. \$20,000 for training national officials for the “National workshops on compiling and publishing energy balance” namely UAE, Sudan and Yemen as those countries requested assistance on energy balance in 2010, the two other countries will be Iraq to cover LDCs and conflict stricken countries (Palestine is covered by Medstat) and another GCC country.
- A3.3. \$46, 000 in Fellowships and grants for the Regional Seminar to cover travel and DSA of 26 from member countries, (2 from each of 13 members, (excluding Lebanon, host country and no tickets for Syrian participants) and 1 from DESA (travel covered by travel of staff) ($24*700$) for tickets + $(\$241*22*4)+(\$152*26)$ for DSA and terminal)).

ANNEX 5: Correspondence on cooperation from UNSD and MEDSTAT



Re: Fw: Cooperation on Energy Statistics and Balance in West Asia-Submission to DESA

Ilaria DiMatteo to: Wafa AboulHosn

12/01/2011 10:05 PM

Co: Juraj Riecan, Ralf Becker, Nuankae Wongthawatchai

History: This message has been replied to and forwarded.

Dear Wafa,
Happy New Year for you too.

I am sorry for the late reply. We had some internal consultation and we do not have further comments on the concept note. We certainly welcome the inclusion of IRES in the note as IRES will guide all our future activities in energy statistics.

With regards to our involvement we can certainly assist in providing advice and technical/methodological material. We do not have firm plans yet with regard to meetings and workshops in 2011/2012 and our actual participation to meetings can be confirmed at a later stage (funding and resource permitting). In general, we are more likely to participate in regional workshops rather than country visit, but we can further discuss this later on.

I hope that the project will receive all the necessary approvals.
Best regards,
ilaria

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RE: Cooperation on Energy Statistics and Balance in West Asia

José CERVERA FERRI

to:

'Wafa AboulHosn', 'Vladimir Markhonko', 'GARNIER Jean-Yves, IEA/ESD', 'Said Nacet', 'fzayer, abourahla, Roberta.QUADRELLI, Rosemary.Montgomery, 'Negussie Gorfe'

23/09/2010 09:40 AM

Cc:

'Juraj Riecan', 'Giovanni Savio', 'Roberto Laurenti', 'Ramla Khalidi', 'Nuankae Wongthawatchai', 'Walid Deghaili', 'Roula Majdalami', 'Alessandra SENSI'

Show Details

Dear all,

Thank you very much for your information on the Project approval. Be sure that the MEDSTAT III, and in particular through our principal expert in Energy Statistics Mr. Aziz BOURAHLA, will make all efforts to maintain a good collaboration with ESCWA on this important topic, as we are covering 5 countries in the ESCWA region.

Our Task Force on Energy Statistics, which will take place in Brussels in November, will fine-tune the contents and calendar of our activities, of which we will keep you duly informed.

Best regards,

Jose CERVERA

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