

Subprogramme 5. Sustainable energy

<i>Implementing entity:</i> ECE, Sustainable Energy Division		<i>Budget summary (thousands of United States dollars)</i>			
<i>Relationship to the strategic framework for the period 2012-2013:</i> programme 16, subprogramme 5, expected accomplishment (b)		<i>2008-2009 expenditure</i>	<i>2010-2011 appropriation</i>	<i>2012-2013 estimate</i>	
<i>Objective:</i> To enhance the capacity of experts in countries with economies in transition to implement international and ECE recommendations on sustainable energy development		General temporary assistance	437.3	521.9	511.2
		Consultants	44.3	—	10.6
		Travel of staff	52.5	51.6	51.9
		Participants in seminars	46.1	25.6	21.4
		Total	580.2	599.1	595.1
<i>Expected accomplishments</i>	<i>Indicators of achievement</i>	<i>Activities/outputs/projects^a</i>			
(a) Strengthened institutional and human capacity to develop energy efficiency strategies to meet international treaty obligations	(a) (i) Number of countries that effectively implemented ECE recommendations on energy efficiency 2008-2009: 9 Estimate 2010-2011: 10 Target 2012-2013: 11	<p>While countries with economies in transition face energy deficiency and fuel poverty arising from economic transition, they also need to meet international treaty obligations under the United Nations Framework Convention on Climate Change and ECE conventions. In order to assist them in achieving these objectives, the subprogramme will implement the following activities:</p> <p>(a) Providing advice to countries with economies in transition on the elaboration of sustainable energy policies and programmes;</p> <p>(b) Organizing capacity-building workshops aimed at strengthening the sustainability of energy production and use, with a special focus on restructuring of energy systems, energy efficiency and renewable energies;</p> <p>(c) Providing assistance to Governments in preparing and implementing projects to meet their obligations under the United Nations Framework Convention on Climate Change and relevant ECE conventions;</p> <p>(d) Organizing training courses and seminars to assist countries with economies in transition in the implementation of energy reforms and the formation of energy efficiency markets;</p> <p>(e) Establishing/strengthening networks of energy efficiency experts and policymakers (at subregional and regional levels).</p> <p>The regular programme for technical cooperation resources will be leveraged by Development Account resources and extrabudgetary funding from bilateral and multilateral donors.</p> <p>The subprogramme will further strengthen established partnerships and networks of experts and policymakers throughout the countries with economies in transition, as well as with United Nations agencies and international organizations, in particular UNDP, UNEP, the Global Environment Facility (GEF), ESCAP, the World Bank, the European Bank for Reconstruction and Development, the Black Sea Trade and Development Bank, the Eurasian Economic Community Integration Committee secretariat, the Commonwealth of Independent States Executive Committee, the Asian Development Bank, the Energy Charter secretariat, the International Energy Agency and other regional and subregional organizations, as well as the European Commission.</p>			
	(ii) Number of projects on energy efficiency developed with assistance of the subprogramme 2008-2009: 4 Estimate 2010-2011: 5 Target 2012-2013: 6				
(b) Number of countries that effectively implemented ECE recommendations on renewable energy 2008-2009: 9 Estimate 2010-2011: 10 Target 2012-2013: 11					

<i>Output summary (participants)</i>				<i>Impact summary</i>
	<i>Actual 2008-2009</i>	<i>Estimate 2010-2011</i>	<i>Estimate 2012- 2013</i>	
Advisory services	26	24	24	<p>During the biennium 2010-2011, the subprogramme will organize six capacity-building workshops to strengthen the institutional and human capacity to develop energy efficiency and renewable energy development strategies to meet international treaty obligations. It is envisaged that these workshops will strengthen the capacity of some 190 national experts. It is expected that, in addition, 24 advisory missions will be conducted in the biennium 2010-2011. It is anticipated that as a result of these activities the number of countries that effectively implement ECE recommendations on energy efficiency and renewable energy will increase to 10 in the biennium. The subprogramme anticipates that the number of countries that will finalize energy efficiency plans, sustainable and cleaner energy technology development plans and plans that mainstream climate change will increase to 38 in 2010-2011.</p>
Seminars/workshops	5 (165)	6 (190)	6 (200)	
Total	31	30	30	

^a Indicative; subject to beneficiary requests.