



DNA Set-up and Host-country Approval in Armenia

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Armenia towards Implementation of Kyoto Protocol

The Republic of Armenia signed the UN Framework Convention on Climate Change on June 13, 1992 and ratified it on May 14, 1993.

According to the provisions envisaged by Art. 4.1 of the Convention, the Republic of Armenia as a non Annex 1 Party has prepared its First National Communication (FNC) on Climate Change and submitted it to COP IV (Buenos Ayres, 1998)

The NC includes:

- ❖ The National Inventory of GHG emissions for 1990
- ❖ GHG emissions modelling up to 2010
- ❖ National Strategy on GHG emissions reduction



Armenia towards Implementation of Kyoto Protocol

In 2002, a technology needs assessment was carried out for GHG emissions reduction, mitigation of climate change consequences, as well as evaluation of conditions for technology transfer.

Since 1997, the Climate Change Information Center and the relevant web site (www.nature-ic.am) have been operating under the Ministry of Nature Protection

In December 2002, the National Assembly of Armenia ratified the Kyoto Protocol, which made Armenia the 108th Party to join the Protocol.

The DNA of Armenia

In 2003, the Ministry of Nature Protection of RA was appointed as the Designated National Authority (DNA) for Clean Development Mechanism (CDM) under the Kyoto Protocol.



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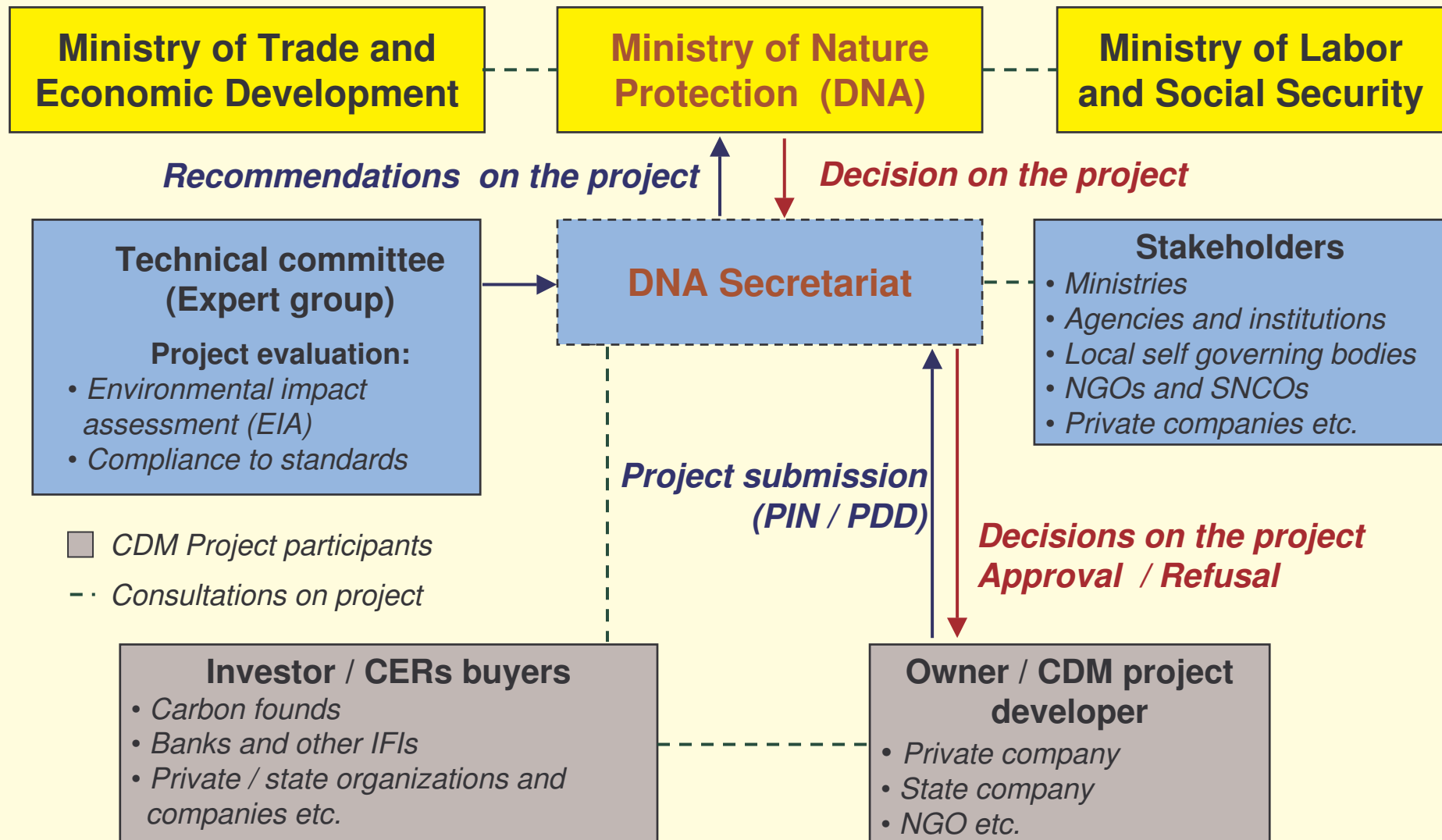
DNA's Main Functions

- ❖ **Development and approval of the procedure** for submission, evaluation and approval of CDM project documents
- ❖ **Verification and assurance** of voluntary participation in projects
- ❖ **Agreement** with key ministries and agencies on the issue of projects compliance with the principles of the country's sustainable development
- ❖ **Endorsement and approval** of CDM projects (Letter of Endorsement, Letter of Approval)
- ❖ **Authorization of participation** in CDM project activities for private and state organizations
- ❖ **Maintenance** of the CDM projects registry and information database and assurance of the documentation availability.

DNA's Main Functions

- ❖ **Assurance** of the country's participation in the international collaboration within the framework of Kyoto Protocol
- ❖ **Consultations** with stakeholders on development of CDM project documents, including development and provision of Project Idea Note (PIN) forms, guidelines and other informational materials, as well as assistance in search of potential partners (project participants) for CDM projects implementation
- ❖ **Awareness raising, coordination, stakeholders involvement** on different stages of CDM project development and implementation
- ❖ **Organization and improvement** of the CDM projects public hearings institute

CDM Projects Revision and Approval Scheme



CDM Projects Revision Procedure

- ❖ Submission of Project Idea Note (PIN)
 - ❖ Revision and approval of the Project Idea – 15 days
 - ❖ Signing and issuance of the Letter of Endorsement
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- ❖ Submission of PDDs and other related documents
 - ❖ PDDs revision and approval – 30 days (including consultations with the Ministry of Trade and Economic Development and the Ministry of Labor and Social Security as well as with stakeholders)
 - ❖ Signing and issuance of the Letter of Approval

 *Voluntary procedure*

 **Obligatory procedure**

Legislative framework

- The Decree of the Government of RA No1840 of 02.12.2004 on measures to be implemented by various ministries and organizations in compliance with the country's obligations under several environmental conventions, particularly, UNFCCC (p.7)
- The Ministry of Nature Protection has developed a draft of the Government Decree on "The Establishment of the Procedure for Administering Projects of the CDM of the Kyoto Protocol under the UNFCCC" and submitted it for final approval on 12 May 2006
- The decree on procedures for revision, evaluation and approval of the CDM projects was adopted by the Government of Armenia

Project Agreements

- ❖ Ministry of Labor and Social Security
- ❖ Ministry of Trade and Economic Development
- ❖ Other relevant sectoral ministries and agencies
- ❖ Ministry of Nature Protection with regard to environmental expertise

The PDD is to be submitted jointly with a cover letter from the DNA

The official response must be presented to the DNA within 20 days

Main Criteria for Project Evaluation by the DNA

Environmental criteria

- ✓ *Improvement of air and water quality*
- ✓ *Efficient land use*
- ✓ *Biodiversity protection (ichthyofauna etc.)*

Economic criteria

- ✓ *Attraction of foreign investments*
- ✓ *Renewable energy development, energy-saving*
- ✓ *Technology transfer*

Social criteria

- ✓ *Full participation of stakeholders*
- ✓ *Jobs creation*
- ✓ *Services quality improvement*
- ✓ *Compliance with priorities of the regional, national and sectoral policies in the social sphere*



Capacity Building for CDM Projects Implementation under Kyoto Protocol

❖ Within the framework of a specific project

Agreement on Cooperation with Shimizu Corporation in CDM project development concerning the Nubarashen Landfill

❖ Memorandum of Understanding








Cooperation between the Armenian and Danish governments within the framework of Kyoto Protocol implementation:

- signed, November 2004
- ratified by the President of RA, March 2004

❖ Technical Assistance

EU “Technical assistance to Armenia, Azerbaijan, Georgia and Moldova with respect to their Global Climate Change Commitments” Project – started on April 2004

CDM Projects in Armenia

Project	Number of projects	Volume of reductions, tCO2e/annual	Total invest. mln USD	CERs recipient country
Landfill gas capture and power generation	3	205000	11,2	 Japan
Biogas capture and combustion from poultry manure	1	63000	2,5	 Denmark
Optimization of technological cement production processes	1	145000	4	 Denmark
Production of synthetic rubber from butadiene instead of natural gas	1	225000	8	 Denmark
Small HPPs and wind farm	7	52620	51,4	 Denmark  Japan  Germany

CDM Projects Status in Armenia

Status*	Number of projects
Registered by the CDM Executive Board (EB)	2
Approved by the DNA of Armenia (PDD) under validation	3
Endorsed by the DNA of Armenia (PIN)	3
Project Design Document or Project Idea Note is developed	7
Large scale investment projects envisaging CDM component involvement	4

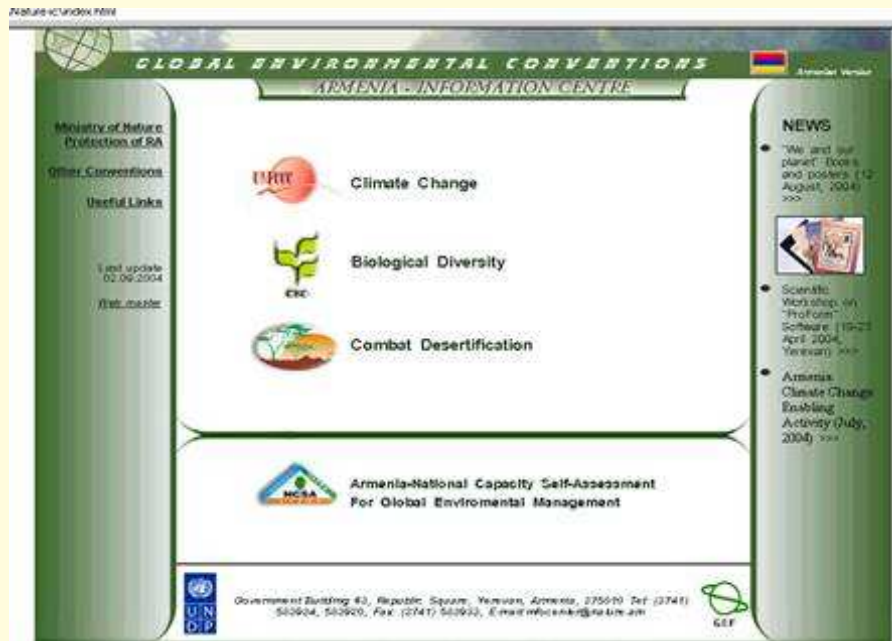
* Updated; 30.09.2006

Planned Large-scale Investment Projects in the Energy Sector

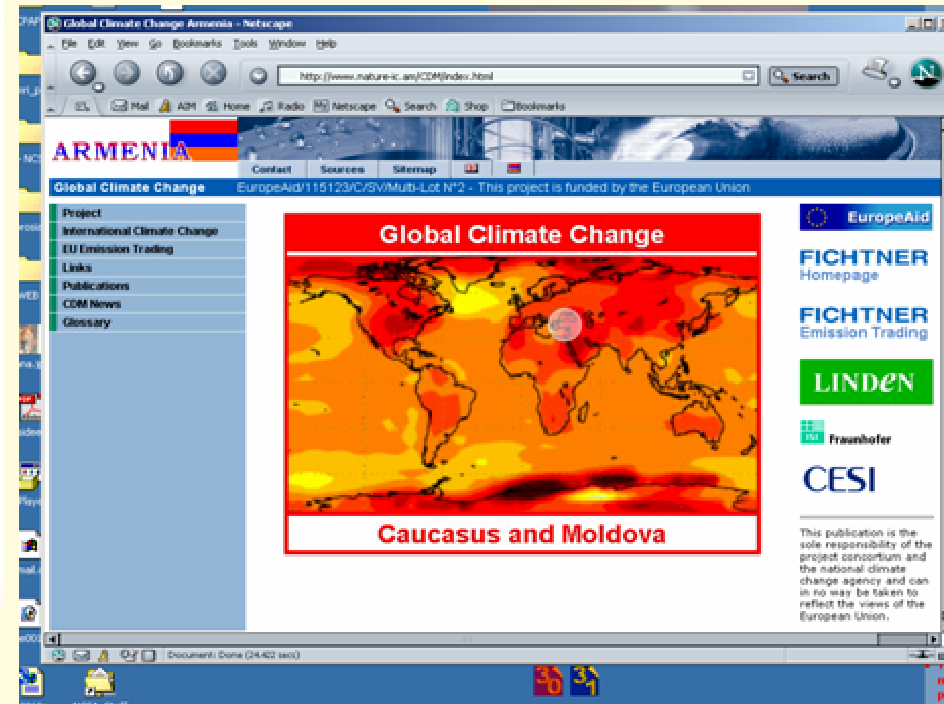
	Project	Capacity MW	Generation mln. kWh/per year	Cost, mln. USD
1	Loriberd HPP construction	60	200	100
2	Meghri HPP construction	130	820	180
3	Rehabilitation of centralized heating system in two districts of Yerevan based on small-scale cogeneration units*	33 (h) 31 (e)	260 (h) 250 (e)	45

*) UNDP/GEF «Armenia – Improving the Energy Efficiency of Municipal Heating and Hot Water Supply» Project

Web sites of Climate Change Information Center and TACIS Project



www.nature-ic.am



www.cdm.nature-ic.am



THANK YOU!

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