

Organization	Headquarters	Type of Aid	Programs	Area of Activities
United Nations Conference on Trade and Development (UNCTAD)	Palais des Nations 1211 Geneva 10 Switzerland	1. Information Dissemination 2. Technical assistance 3. Technical cooperation	1. Annual Publications 2. Policy framework development 3. Capacity building 4. Conferences and workshops	International Regional National Institutional
Project Title				
1. South Africa: Participatory framework for regional development planning in the Northern Cape				
Pilot project in Namaqualand. Funded by the Government of Netherlands and the Government of the Northern Cape Province, 1996-1999 (continuation possible). The project aimed to develop and implement a participatory framework for development in the Namaqualand region, which is faced with large reductions in mining employment.				
2. Chile: Mining and local sustainable development in Chile's region II.				
Funded by Rio Tinto, continued funding sought. Initiated 1999. The project aims to develop and implement a participatory framework for development in Chile's region II, which has received a very large share of foreign mining investment in Chile over the past decade.				
3. Project on Capacity building for diversification and commodity-based development (under the UN development Account, includes work on both agricultural and mineral commodities).				
Project objectives are: (i) to promote the horizontal, vertical and geographical diversification of production and trade structures; (ii) to improve government's capacities to formulate focused, effective and sequenced policies in this respect; (iii) to increase the competence of enterprises in adapting their business strategies and supplies to the Post-Uruguay Round trading framework; and (iv) to strengthen positive linkages between the commodity sector and the rest of the economy.				
4. "Mineral Resources Forum" a consortium Web site				
< www.natural-resources.org/minerals >				
Initially funded by the Netherlands with continuing support from UNCTAD and other international and regional partners. A forum for information and communication on minerals, metals and related sustainable development issues.				

<p>5. Project M of UN Development Account(2000-02): Capacity building and policy networking for sustainable resource-based development</p>	MIN/DAT	S/A	US\$498,000	3
<p>Funded from UN regular budget and administered by UNCTAD. Focus on minerals and related resource sectors in Africa and Latin America with emphasis on use of modern information and communications technologies for capacity building and institution strengthening.</p>				
<p>6. Trust Fund for Least Developed Countries</p>	MIN/DEV/IND	S/A	US\$5 Million	4
<p>The Trust Fund is used to provide technical cooperation to LDC's in the following areas that are related to the mineral sector: (a) strengthening export supply capacities, (b) promoting the participation of the private sector in development through round-tables and country-level investment promotion, (c) assisting countries in the development of programs and proposals to strengthen supply capabilities and (d) provide support to complement national Programmes. Project coordinates with UNCTADS "The Least Developed Countries Report".</p>				
<p>7. Cross border Environmental Management in Transnational Corporations</p>	MIN/IND/ENV	S/A	US\$550K	4
<p>The project examines environmental aspects of foreign direct investment (FDI) in less developed countries by conducting detailed case studies on environmental practices in Danish and German TNCs with operations in China, India and Malaysia. The purpose of the case studies is to characterize environmental practices of TNCs operating in these Asian host countries, examine the major determinants of TNC environmental practices, and identify the effects on the host countries of TNC environmental practices.</p>				

<p>8. Philippines: Encouraging Environmentally Sound and Economically Viable Management of Lead as an Important Natural Resource and Contaminant</p> <p>Project focuses on (a) enhancing environmental and occupational performance of recycling of lead batteries, (b) improving the efficiency of collecting scrap batteries, (c) addressing severe environmental problems associated with reclaiming (cottage smelters, handling and storage, scrap disposal) and (d) the creation of multi-stakeholder panels, that review lead supply and demand, the effectiveness of trade restrictions and conducting meetings to identify the most effective policies for encouraging sustainable lead management.</p>	MIN/PROV/ENV	S/A	US\$300K	3
<p>9. The Role of the Mineral Sector in the Development Process of Developing Countries</p> <p>The objective of the project was to enhance the developmental role of the mineral sector in developing countries through a number of regional workshops, research papers and computerized database and analytical programs, dealing with macro-economic, trade and industry analysis and policies, specific to the mineral sector.</p>	MIN/ECON/DEV	S/A	US\$200K	3
<p>10. Ethiopia: An Investment Guide to Ethiopia</p> <p>Project directed toward the collection of available data on the development potential of Ethiopia (including minerals) to foster foreign investment in Ethiopia in response to the governments privatization program of 1995/1996. Project resulted in the sale of two gold mines to private investors.</p>	MIN/DEV/INV	S/A	US\$250K	3
<p>11. Handbook on International Trade and development Statistics</p> <p>Handbook provides the only internationally available data source on the reserves, production and trade in metal ores, concentrates and finished metal products (As well as other commodities) an international, regional and national basis.</p>	STAT/MIN	S/DAT	Continuing	4
<p>12. Reconciling Environmental and Trade Policies</p> <p>The primary focus of the project is to introduce ISO 14001 standards for environmental management systems (EMS) in industries within developing countries. The program has a major focus on mining and processing industries.</p>	RES/MIN/ENV	S/A	US\$300	3

<p>13. New Tools in Commodity Markets for Commodity Dependent Countries</p> <p>Project assisted commodity dependent countries to stabilize revenues and optimize fiscal returns from commodity development and exploitation. Project focused on (a) defining commodity price risk management and collateralized finance, (b) elaborating the major commodity price risk management instruments (forwards, futures, options, swaps and commodity bonds and loans) and their use, (c) discusses the main documents used in international trade (letter of credit-based) payment procedures and identified the main areas of documentary risk and (d) a handbook on international commodity agreements, arrangements and study groups which was prepared to contribute to the transparency of commodity markets by presenting the main features of existing inter-governmental international commodity agreements and arrangements.</p>	RES/MIN/COM	S/A	Internal Funds	3
<p>14. "TRAINFORTRADE" program</p>	TRN/DEV/MIN	S/A	Continuing internal/external funding	3
<p>Project calls for the development of a comprehensive training module consisting of the following modules: (1) Trade, Environment and Development in an International Context, (2) Trade and Environment and the Multi-lateral Trading System, (3) Multilateral Environmental Agreements, (4) Environmental Requirements and Market Access, (5) Environmentally Preferable Products (EPP) and (6) International Standards for Environmental Management Systems. Each module will consist of (a) a background document, (b) a reference manual for trainers, (c) a Power-Point Presentation and (d) reference materials</p>	INV/DEV/MIN	S/A	Continuing External (German Funds)	4
<p>15. Promoting Sustainable development through Foreign Direct Investment (FDI)</p> <p>Project explores measures for promoting sustainable development through FDI with specific reference to the role of Transnational Companies (the extractive industries in particular) in supporting the efforts of developing countries in implementing and achieving the objectives of Multilateral Environmental Agreements (MEAs) in host countries (In 1992 FD! In developing countries was US\$35 million and in 1998 the flows totaled (US\$165 billion).</p>				

Organization	Headquarters	Type of Aid	Programs	Area of Activities	
United Nations Development Programme (UNDP)	One United Nations Plaza New York, NY 10017	1. Grants 2. Project finance 3. Contributions to multinational organizations	1. Project preparation 2. Advisory services 3. Private sector support 4. Mineral policy and legislation 5. Technical Assistance 6. Geological Research 7. Remote Sensing 8. Mineral Development	International Regional National Project	
Project Title					
1. Burkina Faso: Promotion des Investissements Miniers/Mineral Surveys and Exploration					
The purpose of the project is to create a data base on mineral resources and perfect national professionals in the various fields of the mining economy in order to promote private investments in the mineral sector. While the previous phase concentrated on precious metals, i.e., gold, the goal of the present phase is to develop the economic potential of Burkina Faso through the promotion of industrial minerals, notably construction materials. The objectives of the previous projects included undertaking mineral surveys and exploration in the Southwest; feasibility surveys for mineral development in the North-East and associated transport factors; mineral exploration in the North; a study of airborne geophysics anomalies and development of mineral prospects in the centre and southeast of Burkina Faso.					
2. Fiji, Asia and the Pacific: Resource Policy Advisors					
Capacity building project is aimed at providing advisory services in the area of Mineral Resources Policy to the Ministry of Finance and Economic Planning and the Department of Mineral Resources.					
3. Laos, Asia and Pacific: Mineral Sector Development,					
The overall objective of this project is to accelerate the development of the country's mineral potential, in environmentally sound manner and with Government's role focusing on the promotion, regulation and monitoring of private sector investment.					
4. Mali : Promotion de l'Artisanat Minier et protection de l'Environnement,					
Promotion of Small-Scale Mining and its integration into economic and social environment for a better sustainability environmental impact assessment of mining activities.					
			Field	Amount	Ranking
			MIN/DEV	US\$3,090,071 US\$10,700,00	4
			S/A/H/A		
			MIN/DEV/POL	S/A	3
			MIN/DEV/ENV	S/A	3
			MIN/DEV	S/A	2
				US\$443,104	
				US\$159,985	

<p>5. Mozambique: Assistance to the Privatization Process in Mining</p>	<p>The objective of this project is to assist the Government to work out measures that are aimed at developing a wide range of unexploited mineral resources and optimizing the producing ore resources. among these measures are guidelines addressing safe and efficient mining methods, a legislative framework, environmental concerns and social development.</p>	<p>MIN/POL</p>	<p>S/A</p>	<p>US\$23,360</p>	<p>3</p>
<p>6. Pakistan Mineral Exploration and Evaluation Azad Kashmir</p>	<p>The long-term objective of the project is to enable the Government to assess, promote and control the development of Azad Jammu and Kashmir natural resources through assisting the establishment of an effective infrastructure for planning and implementation of mineral programs.</p>	<p>MIN/DEV</p>	<p>S/A</p>	<p>US\$1,738,507</p>	<p>3</p>
<p>7. Togo: Developpement de l'Information Miniere de Base; Continuation of Mineral Database Project ; and Strengthening of the Natural Bureau of Mineral Research and Geochemical Survey</p>	<p>The main objective is to provide further assistance to the <i>Direction Generale des Mines et de la Geologie</i> in the development of three mineral occurrences whose feasibility was confirmed under a previous project. The project was continued in a subsequent project. With the cooperation of the General Directorate of Geology and Mines, it will essentially pursue the same objectives, which are to develop the gold and mining occurrences discovered during the previous phases. The European Union is cost-sharing it. The project will also resume training of the GDGM's young professionals, specifically in the fields of approach and development of mineral occurrences. It will promote occurrences with economic potential to international and national investors. In the long run, the development of new mining centers will be considered as a motor of improvement of the rural areas, of the economic growth, and as a direct contribution to poverty. Another earlier project focused on a phosphate exploration program by providing expertise, technology and training.</p>	<p>MIN/DEV/SC</p>	<p>S/A</p>	<p>US\$1,476,000 US\$ 288,900 US\$1,300,000</p>	<p>3</p>
<p>8. Uganda: Strengthening the Department of Geological Survey</p>	<p>The development objective of the project was to achieve greater rational use of mineral resources, to increase the productive capacity of the manufacturing sector, to provide employment in the mining and downstream sectors and to provide either foreign exchange savings through import substitution or foreign exchange earnings from locally produced, mineral-based substances.</p>	<p>MIN/DEV</p>	<p>S/A</p>	<p>US\$1,034,579</p>	<p>2</p>

<p>9. Poverty Eradication and Sustainable Livelihood: Focusing on Artisanal Mining Communities</p> <p>In Africa, it is estimated that more than 20 million people depend on artisanal mining for their subsistence. However, as a result of economic stresses compounded with the degradation of the resource base, in many countries, this traditional productive activity has become poverty-driven and, thus unsustainable. The objectives of this project are to produce a set of policy options and best practices, for use by government, IGO's and Civil Society at the micro, meso and macro levels, that contribute towards poverty eradication through (a) promoting opportunities of developing alternative and complementarily sustainable livelihoods for those engaged in artisanal mining; and (b) upgrading the artisanal mining sector to an economically viable activity. The target countries for this project are Ethiopia, Ghana, Guinea and Mali. The project will benefit from the pooling of complementary expertise vested in DESA and UNDP headquarters and country offices particularly SEPED and APU.</p>	MIN/DEV	S/A	US\$280,000	3
<p>10. Angola: Strengthening of National Institute of Geology and Promotion of Mineral Development</p> <p>This project, although designed to be an exploration project, was limited to desk studies to update Angola's economic mineral potential. The project assisted the Ministry of Industry in promoting the development of mineral resources through foreign investment and the establishment of a mineral policy framework. Capacity building also took place.</p>	MIN/DEV	S/A	US\$400,000	2
<p>11. Argentina: Bajo La Arumbraera (Phases 1 (Exploration) & 2 (Feasibility))</p> <p>U.N. exploration and pre-feasibility study for more precise technical-economic information to raise credibility of previous studies of Bajo La Arumbraera copper discovery. Objective of government: large-scale production of refined copper to meet the demand of basic industry and to lower current expenditures on importation of this mineral.</p>	MIN/DEV	S/A	US\$2,600,000	3
<p>12. Benin: Mineral Research in Dahomey and the strengthening of the Geological Survey and mineral prospecting</p> <p>The strengthening of the Geological Survey and mineral prospecting regarding six Chromium-Nickel indices in Buem area, gold-bearing quartzes in Perma Basin and phosphates in Makrou and Bassin Cotier.</p>	MIN/EXPL	H/A	US\$1,498,336	3

13. Bolivia: Minerals Investment Promotion	MIN/GEOL	S/A/H/A	US\$2,100,000	4
Objective of this project was to identify areas with good prospects and liaise with potential investors to try to attract investment to the mineral sector. Also, a study of the Cerro River silver deposits was later added as well as upgrading the GEBOB and COMIBOL lab facilities. Twenty-one areas were also evaluated in three geological environments and initial work was undertaken to evaluate non-metallic mineral resources.				
14. Burma: Geological Survey and Exploration	MIN/GEOL/EXPL	H/A	US\$2,000,000	3
The project identified and evaluated six possible targets and drilled three copper prospects. Geologic mapping and structures analysis was undertaken. The Letpadaing Taung copper deposit was outlined by diamond drilling. Also, identification of massive pyrite veins were studied for potential high-grade deposits extensive enough for small-scale underground mining.				
15. Burundi: Mineral Survey (Phases I-IV)	MIN/DEV/EXPL	S/A/H/A	US\$11,000,000	3
The objectives were to undertake mineral exploration and to evaluate mineral prospects (e.g., Musongati nickel deposit) and to assist the government in negotiations with transnationals interested in further exploration.				
17. Chad: Strengthening of the DRGM (Phases I & II)	MIN/DEV/EXPL	S/A/H/A/	US\$8,000,000	3
The objective of this project was to undertake reconnaissance of the country and to drill the Mayo-Kebbi regions. The project was also designed to rehabilitate the mining sector that was destroyed by war.				
18. Chile: Detailed Mineral Investigation of Selected Areas in Atacama and Coquimbo Provinces	MIN/EXPL/GPHY	H/A	US\$1,000,000	4
The project was designed to undertake detailed exploration to prove out mineral resources of the Atacama and Coquimbo provinces.				
19. Colombia: Mineral Exploration Plan and Base Metal Study in the Central and Western Mountain Ranges	MIN/GEOL/GPHY	H/A	US\$3,000,000	4
This project's objectives were to conduct geochemical and airborne geophysical reconnaissance exploration and to encourage foreign investment.				
20. Ecuador: Survey of Metallic and Non-Metallic Minerals (Phases I and II).	MIN/GEOL/EXPL	H/A	US\$1,400,00	3
Projects designed to survey the mineralization of the large southwestern region of Ecuador. Phase II focused on surveying two mineralized areas, especially the San Bartolome silver deposit.				

<p>21. India: Gold Exploration in Kolar Gold Fields of Karnataka State</p> <p>The project's objectives were to extend the life of Bharat Gold Mines Ltd. (BGML)(a state-owned company) by delimiting new ore reserves, upgrading mining equipment, improve scheelite recovery, assisting in heap leaching of gold and improving training.</p>	<p>22. Iran: Geological Survey Institute (Phases I-III)</p> <p>Project focus was on copper exploration, study of the Sar Cheahmeh deposit, phosphate ore exploration and appropriate phosphate beneficiation and fertilizer manufacturing.</p>	<p>23. Tanzania: Mineral Exploration, Evaluation and Development Planning</p> <p>The project included gold exploration in northern Urt, Geita and Nyamulilin Hill. The project also included drafting prospectuses for investment promotion, limited training, seminars and fellowships, and carried out geophysical and geologic surveys as Zanzui, Nzega West and Geita.</p>	<p>24. Philippines: Strengthening the Geological Survey Division of the Bureau of Mines and Geosciences, Ministry of Natural Resources and Strengthening the Government Capability in Gold Exploration</p> <p>These project were designed as institution-building projects and gold mineral exploration.</p>	<p>25. Nepal: Ganeah Himal Zinc-Lead Project Feasibility Study</p> <p>This project was to conduct a feasibility study prior to commercial development. Training was also included in this project for national personnel.</p>	<p>MIN/EXPL/EVAL</p> <p>MIN/EXPL/PROC</p> <p>MIN/EXPL/GPHY</p> <p>MIN/DEV/EXPL</p> <p>MIN/EVAL/TRN</p>	<p>H/A</p> <p>H/A</p> <p>H/A</p> <p>S/A/H/A</p> <p>S/A</p>	<p>US\$ 700,000</p> <p>US\$5,100,000</p> <p>US\$3,000,000</p> <p>US\$2,700,000</p> <p>US\$1,600,000</p>	<p>3</p> <p>3</p> <p>3</p> <p>3</p> <p>3</p>
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Organization	Headquarters	Type of Aid	Programs	Area of Activities	
United Nations Environment Programme (UNEP)	United Nations Avenue, Gigiri P.O. Box 30552 Nairobi, Kenya	1. Administration and implementing organization	1. Encourage cleaner and safer production in mining and mineral processing	International Regional National Project	
Project Title					
1. Training for the Implementation of Environmental Management in Accordance with Emerging Best Practices in Industry					
The project is designed to: (1) develop training modules and organization of short courses on environmental management systems and auditing, life-cycle assessment, environmental labeling, environmental performance evaluation and environmental risk assessment, (2) organize field visits to coincide with the short courses; (3) organize internships with industry in Malaysia for developing country scenarios and Denmark for developed country scenarios; and (4) develop Malaysian case studies on environmental management.					
2. Establishment of the Basel Convention Regional Centre for Training and Technology Transfer in Slovakia					
The project is designed to (1) develop a strategy to secure future funding for continued operation of the center; (2) build a library and information system to be used for training purposes, and to be consulted by government employees, teachers, university lecturers, private sector and business representatives, non-governmental organizations and individuals; (3) develop an information exchange network at both national and subregional levels; (4) develop curricula and identify sources of expertise for training activities; (5) publish newsletters, fact-sheets and information sheets; and (6) prepare demonstration projects within the subregion and exchange and fellowship programs with other institutions in the subregion.					
3. Environmental Management Seminars for South-East Asian Countries					
The project is designed to (1) convene a meeting between ROAP, EMB and IRR to discuss seminar logistics as well as to review the proposed list of topics; (2) identify presenters for the proposed topics and verify their availability during the seminar dates; (3) convene an environmental management seminar for selected participants; (4) prepare 30 copies of the seminar report for adoption on the last day of the seminar; and (5) prepare 50 copies of a publication entitled <i>Environmental Management Issues and Solutions: The South-East Asian Experience</i> , for distribution to participants and participating institutions.					
			Field	Amount	Ranking
			MIN/ENV	US\$554,000	4
			S/A		
			MIN/IND/ENV	US\$1,038,360	3
			S/A		
			MIN/ENV	US\$70,000	3
			S/A		

<p>4. Support to the Vienna convention and Montreal Protocol and Support to the Basel Convention</p> <p>The project is designed to (1) support a workshop in Senegal to discuss the outcome of the report on the feasibility of the establishment of a subregional center for training and technology transfer for French-speaking African countries; (2) collect and distribute information on best practices in cleaner production and sustainable production; (3) collect data on appropriate technologies to manage hazardous waste; (4) provide support to the two secretaries through the funding of the data entry operator.</p>	MIN/ENV	S/A	US\$50,000	4
<p>5. Strengthening of Capabilities and Capabilities of Developing Countries and Countries with Economies in Transition for Chemicals Management</p> <p>The project is designed to (1) prepare a pilot study on the national information system on chemicals in Kenya; (2) prepare a training module on existing methodologies for hazards and risk assessment; (3) translate the International Program on Chemical Safety (IPCS) multilevel course material on the safe use of pesticides and on the diagnosis and treatment of pesticide poisoning into French and Russian; and (4) prepare training manuals on programs for the safe use of chemicals to be used at workshops for government authorities and decision-makers and at the country level for the development of relevant national programs.</p>	MIN/PROC/ENV	S/A	US\$564,700	3
<p>6. Promoting Knowledge of Geological Aspects of Environmental Protection in Latin America and the Caribbean</p> <p>The project is designed to (1) conduct training courses for thirty experts from LAC countries in geological aspects of environmental protection and (2) evaluate training courses and assess further training needs through questionnaires.</p>	MIN/PROC/ENV	S/A	US\$149,000	3
<p>7. Support to Pune Mircen for Research and Training in Metal-Microbe Interactions and their Applications in Sound Environmental Management and Sustainable Development</p> <p>The project is designed to (1) organize the international workshop on metal-microbe interactions and their applications; (2) enhance, upgrade and expand the culture collection and continuing investigators into bio-leaching activities; and (3) maintain free liaison and interchange of information, personnel and cultures with other members of the MIRCEN's network and other cooperating institutions of the global system for cooperation in various aspects of applied microbiology.</p>	MIN/ENV/SD	S/A	US\$135,000	2
<p>8. Evaluation of the Distribution of Mercury in Ecosystems and biota, and Assessing Possible Risks to Human Health</p> <p>The project is designed to (1) conduct fact-finding missions to Africa and South-East Asia to gather information on the use of mercury in small-scale gold mining; (2) to organize two international workshops together with WHO and the Japan National Institute for the Minamata disease; (3) synthesize the papers presented at named workshops and results of discussions and fact-finding missions into a publication on environmental problems related to mercury; and (4) distribute the publication to scientists and decision makers.</p>	MIN/ENV/DEV/HS	S/A	US\$202,000	3

<p>9. Reducing Water Pollution from Mining-Related Activities in Latin America</p>	<p>MIN/ENV/DEV</p>	<p>S/A</p>	<p>US\$187,950</p>	<p>2</p>
<p>The project is designed to (1) assess water and soil pollution problems in the Rio Napo catchment area, focusing on those caused by the extractive industries; (2) compile a study report, and (3) conduct a three-day workshop in Ecuador on water pollution caused by oil exploration and extraction in the Rio Napo catchment.</p>				
<p>10. Control of Water Pollution Caused by Mining Activities in South-East Asia</p>	<p>MIN/ENV</p>	<p>S/A</p>	<p>US\$50,000</p>	<p>3</p>
<p>The project is designed to (1) hold a preparatory workshop at the Ranau River basin to assess data needs for determining the environmental health effects of the Mamut copper/gold mine versus agricultural activities; (2) carry out a one-year monitoring campaign in line with recommendations made at the preparatory workshop, focusing on water quality parameters in river water, particular matter; sediment and biota; (3) process gathered data and compile results for a report to be submitted to the final workshop; and (4) convene a final workshop at which all parties concerned are invited to discuss the findings of the monitoring campaign and the assessment in order to propose necessary follow-up activities in Malaysia and other South-East Asian countries.</p>				
<p>11. Environmental Management at Mining Sites in Developing Countries</p>	<p>MIN/ENV/TRN</p>	<p>S/A</p>	<p>US\$129,660</p>	<p>3</p>
<p>The project is designed to (1) improve environmental management at mining sites in developing countries; (2) strengthen the environmental management capabilities of the officials in charge of operation and regulating mining operations; and (3) facilitate the exchange of information between staff of the mining company and government regulators, and to provide technical information on environmental management at mining site.</p>				
<p>12. Educational Literacy in Minerals Education</p>	<p>MIN/ENV/TRN</p>	<p>S/A</p>	<p>US\$400</p>	<p>3</p>
<p>The program brings together senior academics and senior industry and government managers to discuss how environmental issues can be better incorporated into current and future teaching curricula without detracting from the extensive technical education that is required. The project looks at specific environmental 'units', and also at how sustainable development considerations can be incorporated into mainstream courses at institutions</p>				
<p>13. APELL - Awareness and Preparedness for Emergencies at Local Level</p>	<p>MIN/ENV/TRN</p>	<p>S/A</p>	<p>Ongoing</p>	<p>3</p>
<p>Over the last 25 years there have been some 33 accidents resulting in environmental releases including the 1998 tailings dam failure at the Los Frailes mine in Spain and the tailings dam overflow and breach in Baia Mare, Romania. APELL is a detailed procedural guide for a process to develop and implement emergency prevention and response plans for such occurrences, which have two major elements. It involves not only industries and authorities but also the public who may be affected by accidents in the process. It also provides a coordinated, timely and effective disaster response plan. APELL has already been adopted and successfully implemented in other industrial sectors worldwide.</p>				

14. INTERNATIONAL ROUND TABLE ON MINING AND THE ENVIRONMENT	MIN/ENV/SC	S/A	US\$350K	3
<p>International conference to discuss current issues, problems and advances in (a) environmental legislation and regulations, (b) environmental management in the private sector, (c) social and economic costs and benefits of large-scale mining operations on local communities, (d) mining in tropical ecosystems and (e) mitigation of the social impacts of oil operations.</p>				
<p>15. UNEP/OCHA Investigation of the Cyanide Spill at Baia Mare</p>	MIN/ENV/HS	S/A/H/A	US\$750K	4
<p>The uncontrolled spill of some 100,000 m³ of liquid and suspended waste occurred on 30 January 2000 at the Aurul S.A. gold and silver producing plant in Baia Mare (Romania). This spill released an estimated amount of 50-100 tonnes of cyanide, as well as heavy metals, particularly copper, into the Lapus/Somes/Tisza/Danube river catchment system. The UNEP/OCHA project undertook a complete assessment of the accident, its environmental and social impacts and prepared recommendations for remediation and prevention of future spills.</p>				
<p>16. Contingency Structures for Tailings Containment</p>	MIN/ENV	S/A	US\$600	2
<p>Preparation of a detailed overview of the problems associated with, and mitigation activities, tailings storage and containment. The study addresses the structure, applicability, strengths and weaknesses of various tailings containment activities worldwide as well as providing a theoretical overview of new methods of tailings containment. The resulting study will be of use as a manual for field operations as well as for training and education purposes.</p>				
<p>17. Water Management Case Studies: Practices and Technology for the Efficient Use and Effective Treatment of Water by Metal Mining and Milling Operations</p>	MIN/ENV	S/A	US\$1.2 Million	2
<p>Efficient water use and treatment are critical to the success of virtually any mining operation and are especially important in terms of the mitigation of the environmental impact of waters used in the mining sector. The present study will investigate existing best practices in water treatment within several mines worldwide and from this study develop effective guidelines for use by the industry.</p>				
<p>18. Industrial Pollution Management</p>	MIN/IND/ENV	S/A/H/A	ongoing	3
<p>The industrial pollution management program has the following objectives (a) to improve environmental performance in the mining industry world-wide by influencing international, national government policies and company practice on environmental management, regulations and practice (b) Monitoring, interpreting and communicating trends in mining and the environment; and (c) seeking, with partners, and where possible, providing, cost-effective solutions to major environmental problems in mining. Under this program a large number of co-sponsored activities are carried out.</p>				