

The Project Framework Matrix

Project Number:	Project Title: Non-Destructive Testing of Cultural Materials	Last Update: 26-Sep-00
Project Officer:	Technical Officer :	
Main Counterpart: Ms. V. Terboulian	Organisation: CNET	
Other National Counterparts: Mr. C. Argaves, National Museum; Mr. R. S. Lanter, National Customs Service		

	Project Design Elements	Verifiable Indicators	Means of Verification	Important Assumptions
Development/ Overall Objective	Preservation of national cultural materials and expanded use of NDT for forensic investigations and engineering analysis.	<ul style="list-style-type: none"> Reduction in illegal export of cultural artifacts New projects involving CNET and law enforcement and materials testing applications outside traditional markets. 	<ul style="list-style-type: none"> Reports from Customs officials CNET Annual Reports 	
Specific Objective	NDT techniques used to verify authenticity of cultural artifacts and aid in conservation and restoration efforts by the National Museum.	<ul style="list-style-type: none"> NDT employed in certification of reproductions sold for export or in local galleries. NDT used by National Museum curators and staff 	<ul style="list-style-type: none"> NDT mandated for certification by Working Group Increased number of NDT analyses performed on Museum specimens at CNET 	<ul style="list-style-type: none"> Working Group recommendations approved by Ministries Cooperative arrangements between Museum and CNET finalized
Project Outputs	NDT equipment, including industrial x-ray, gamma radiography, and electron microprobe facilities in operation at CNET laboratories with technical support staff fully trained in their use with cultural artifacts.	<ul style="list-style-type: none"> Equipment installed and operational Quality and number of analyses performed Analysts certified in equipment operation 	<ul style="list-style-type: none"> Equipment testing and calibration results Analytical reports Certifications obtained 	Laboratory facilities ready to accommodate new equipment, specimens, and staff.
Activities	<ul style="list-style-type: none"> Design of NDT facilities Installation and testing of equipment Pilot-scale analysis of artifacts Training and outreach to law enforcement and conservation communities Full-scale deployment of NDT for verification of cultural artifacts 	<ul style="list-style-type: none"> Plans completed on schedule Equipment received and installed Preliminary analyses completed Training materials distributed and seminars organized Regular program of NDT testing in operation and coordinated with exporters, galleries, and Customs 	<ul style="list-style-type: none"> Completed plans Procurement records and expert reports Analytical reports Training documents and seminar materials Receipt of artifacts at CNET, analytical reports issued to Customs 	<ul style="list-style-type: none"> Equipment delivered on time and in good condition Full cooperation of exporters, galleries, and Customs in testing and certification process.

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IAEA + CP Inputs	<ul style="list-style-type: none"> • IAEA: Expert services to finalize design of CNET facilities, provide advice on equipment selection, and supervise installation and testing of the NDT equipment; NDT equipment (as specified by experts); and training for staff in NDT testing for cultural artifacts. • CP: Laboratory facilities, staff, and financing for implementing testing program. 	Expert visits completed; equipment purchased, delivered, and installed; training missions completed	Procurement records, expert reports, training progress reports	<p>IAEA: Project approved without major modifications</p> <p>CP: Operating budgets stable or growing.</p>