

**RESULTS MATRIX**

<b>Project objective</b>	To promote the development and transfer of environmentally sound technologies (EST) in Latin America and the Caribbean (LAC), in order to contribute to the ultimate goal of reducing greenhouse gas (GHG) emissions and reducing the vulnerability to climate change in specific sectors in LAC.					
<b>Outcome indicators</b>	<b>Base</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Target</b>	<b>Comments</b>
<u>Indicator 1.</u> Investments in EST mobilized by the Project [USD million] [target is cumulative number]	0	0	20	30	50	<i>Means of verification:</i> Project reports IDB project approvals and financial reports Certifications by project partners  <i>Comments:</i> Investment enabled by Project activities (e.g. feasibility assessments, elaboration of financing proposal, market assessments) are considered investments mobilized by the Project.
<u>Indicator 2.</u> Direct GHG emissions reductions [million tonnes CO <sub>2</sub> equivalent] [target is cumulative number]	0	0	0.7	1.0	1.7	<i>Means of verification:</i> Project reports  <i>Comments:</i> GHG emissions reductions calculated over the lifetime of the investment, following GEF guidelines for estimating GHG emissions reductions.

Component 1. Development of national policy and institutional capacities						
Outcome indicators	Base	Year 1	Year 2	Year 3	Target	Comments
Indicator 1. Number of countries in LAC that have adopted policies or regulations to enable the development and transfer of EST.	0	0	0	4	4	<i>Means of verification:</i> Project reports, project partners reports, business plans, etc.
Indicator 2. Number of countries that are applying methodologies to include EST considerations in climate change planning	TBD	TBD	TBD	TBD	TBD	<i>Means of verification:</i> Pre- and post-workshop surveys. Baseline and target levels to be determined on the basis of the first workshop surveys in year one.
Output indicators	Base	Year 1	Year 2	Year 3	Target	Comments
<b>1. Workshops on EST and national systems for technology and innovation.</b>						<i>Means of verification:</i> Lists of workshop attendees. Workshop feedback and evaluation forms. Training material and workshop reports provided by executing agency.
Indicator 1. Number of workshops held [target is cumulative number]	0	1	1	1	3	
Indicator 2. Number of government representatives participating in workshops [target is cumulative number]	0	30	30	40	100	
Indicator 3. Number of different countries participating in workshops	0	8	12	15	15	
<b>2. Guidebook on EST and national systems for technology and innovation</b>						<i>Means of verification:</i> Publication
Indicator 1. Number of guidebooks published	0	0	1	0	1	
<b>3. Regional dialogues on climate change planning and EST</b>						<i>Means of verification:</i> Lists of workshop attendees. Workshop feedback and evaluation forms. Training material and workshop reports provided by executing agency.
Indicator 1. Number of workshops held	0	1	1	1	3	
Indicator 2. Number of government representatives trained in climate change planning practices	0	15	15	30	60	
Indicator 3. Number of different countries participating in workshops	0	5	10	20	20	
<b>4. Guidelines on climate change planning and EST</b>						<i>Means of verification:</i> Publication
Indicator 1. Number of guidebooks published	0	0	1	0	1	

Component 2. Strengthen technology networks and centers						
Outcome indicators	Base	Year 1	Year 2	Year 3	Target	Comments
<u>Indicator 1.</u> Number of thematic networks in LAC that have incorporated the promotion of EST as part of their mission/work plans	2	2	4	5	5	<p><i>Means of verification:</i> Project reports, project partners reports, business plans, etc.</p> <p><i>Comments:</i> Two networks are included as part of the baseline: (i) FONTAGRO's network of member institutions includes the promotion of EST for agriculture as part of its work plan, (ii) WRI's network of sustainable transport centers promotes EST for transportation as part of its mission. The Project will strengthen and expand the work on EST of these two networks and create/partner with networks in other sectors.</p>
<u>Indicator 2.</u> Number of institutions in countries in LAC that are active participants in thematic networks which have incorporated the promotion of EST as part of their mission/work plans	18	18	25	40	40	<p><i>Means of verification:</i> Project reports, project partners reports, business plans, etc.</p> <p><i>Comments:</i> Fifteen research institutions in LAC are members of FONTAGRO's network and there are three sustainable transport centers in LAC (Brazil, Mexico and Peru). The Project will aim at linking additional institutions to these two networks and create/partner with networks in other sectors.</p>
Output indicators	Base	Year 1	Year 2	Year 3	Target	Comments
<b>1. Workshops/side events for the promotion of thematic networks</b>						<p><i>Means of verification:</i></p> <p>Lists of workshop attendees.</p> <p>Workshop feedback and evaluation forms.</p> <p>Training material and workshop reports provided by executing agency.</p>
<u>Indicator 1.</u> Number of workshops/side events [target is cumulative number]	0	4	4	4	12	
<u>Indicator 2.</u> Number of different countries participating in workshops/side events	0	10	15	20	20	
<b>2. Mapping of regional expertise on EST</b>						<p><i>Means of verification:</i> Project reports.</p> <p><i>Comment:</i> One database for each sector on regional resources and expertise on EST available in LAC. Databases are updated periodically over the Project lifetime.</p>
<u>Indicator 1.</u> Number of sectoral resources/expertise databases	0	4	4	4	4	
<b>3. Sectoral overviews of EST in LAC</b>						<p><i>Means of verification:</i> Technical documents and project reports.</p> <p><i>Comment:</i> Overviews will be prepared for: (i) renewable energy, (ii) energy efficiency, (iii) transportation, (iv) forest monitoring systems<sup>†</sup>, (v) agriculture (adaptation), and, (vi) animal husbandry (adaptation).</p> <p><sup>†</sup> Includes two distinct outputs: one focusing on technologies and one on policies and institutional programmes/initiatives.</p>
<u>Indicator 1.</u> Number of overviews of EST for specific sectors in LAC	0	6	0	0	6	

<b>4. Business plans for thematic networks</b>						<i>Means of verification:</i> Technical documents.
<u>Indicator 1.</u> Number of business plans for thematic networks.	0	0	0	4	4	<i>Comment:</i> Business plans should propose adequate financial and institutional arrangement for ensuring the continuation of the activities of the thematic network after Project closure.
<b>Component 3. Pilot technology transfer mechanisms</b>						
<b>Outcome indicators</b>	<b>Base</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Target</b>	<b>Comments</b>
<u>Indicator 1.</u> Number of feasible mechanisms for EST transfer showcased by the Project [target is cumulative number]	0	5	5	5	15	<i>Means of verification:</i> Project reports and technical documents
<u>Indicator 2.</u> Number of countries that have adopted policies and EST transfer mechanisms showcased by the Project [target is cumulative number]	0	0	2	3	5	<i>Means of verification:</i> Project reports, policy documents, project partners reports, business plans, etc.
<b>Output indicators</b>	<b>Base</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Target</b>	<b>Comments</b>
<b>1. Case studies on EST development and transfer</b>						<i>Means of verification:</i> project reports and technical documents.
<u>Indicator 1.</u> Number of case studies prepared and disseminated [target is cumulative number]	0	10	4	2	16	<i>Comment:</i> Case studies to be prepared during the first year: (i) energy sector (2); (ii) transport (2 <sup>†</sup> ); (iii) forestry (2); and (iv) agriculture (min. 5, on the basis of a regional contest). <sup>†</sup> i.e. assessments of EST applicable to integrated transport systems.
<b>2. Technology roadmaps for the adoption of EST</b>						<i>Means of verification:</i> Project reports and technical documents
<u>Indicator 1.</u> Number of technology roadmaps completed and disseminated [target is cumulative number]	0	5	2	0	7	<i>Comment:</i> Technology roadmaps to be prepared during the first year: (i) energy-efficient building envelopes, (ii) solar heating and cooling in commercial and residential buildings, (iii) fuel economy standards for road vehicles, (iv) forest monitoring systems (two cases studies in different countries).
<b>3. Assessments of EST transfer mechanisms</b>						<i>Means of verification:</i> Technical documents and project reports.
<u>Indicator 1.</u> Number of assessments of mechanisms for the adoption of EST prepared and disseminated [target is cumulative number]	0	1	2	2	5	<i>Comment:</i> A regional assessment of standards for energy efficiency in buildings will be completed during the first year.

Component 4. Leverage private and public investments						
Outcome indicators	Base	Year 1	Year 2	Year 3	Target	Comments
Please refer to outcome indicators at the project level.						
Output indicators	Base	Year 1	Year 2	Year 3	Target	Comments
<b>1. Support to country-driven investment initiatives on EST</b>						<i>Means of verification:</i> Technical documents and project reports.
<u>Indicator 1.</u> Number of procedures for the selection and delivery of technical assistance approved.	0	4	0	0	4	
<u>Indicator 2.</u> Technical assessments of EST completed [target is cumulative number]	0	0	5	10	15	
<u>Indicator 3.</u> Cost-benefit, market studies or financial models and assessments of EST completed [target is cumulative number]	0	0	5	10	15	
<u>Indicator 4.</u> Number of project proposals on EST development and transfer completed [target is cumulative number]	0	0	3	5	8	
<u>Indicator 5.</u> Number of collaborative projects on EST for adaptation in agriculture completed	0	0	0	6	6	