

Inception Report of Low-carbon Products Certification Project in Chongqing and Guangdong

Section I: Project Framework

Part I: Key Information:

Project Title: Low-carbon Products Certification Project in Chongqing and Guangdong;

International Executing Agency: United Nations Development Programme;

National Implementing Agency: National Development and Reform Commission (NDRC);

Implementing Entity/Responsible Partners: Chongqing International & Investment Consulting Group Co., Ltd. and Guangzhou Branch of China Quality Certification Center

UNDAF Outcome(s): Policies and regulations are strengthened to create a low carbon economy

UNDP Strategic Plan Environment and Sustainable Development Primary Outcome: Catalyzing environmental finance

Expected CP Outcome(s): Low carbon sustainable strategies and technologies are adapted widely to meet China's commitments and compliance with Multilateral Environmental Agreements

Expected CPAP Output (s): Policy and capacity barriers for the sustained and widespread adoption of low carbon strategies and technologies removed.

Brief Description

The project will develop low carbon Product Certification Implementation Rules for Chongqing and Guangdong province, develop the Low Carbon Product Certification Standards (draft) and GHG Accounting Methodologies for motorcycle, wrought aluminum alloy extruded profiles, general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors, and conduct low carbon product certification pilots in Chongqing and Guangdong.

Part II: Overall Goal:

The primary work is to framing a preliminary carbon emission and reduction certification and accreditation scheme which is adaptable both internationally and locally. Moreover, demonstration activities should be launched in national scale to assist implementation of relevant low-carbon policies.

Part III: Expected Outcomes:

The expected outcomes from each of these components are as follows:

Outcome 1: Low carbon Product Certification Implementation Rules for Chongqing and Guangdong province;

Outcome 2: Low Carbon Product Certification Standards (draft) and GHG Accounting Methodologies for motorcycle, wrought aluminum alloy extruded profiles, general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors;

Outcome 3: Low carbon product certification pilots in Chongqing and Guangdong.

Section II: Project management and organization structure:

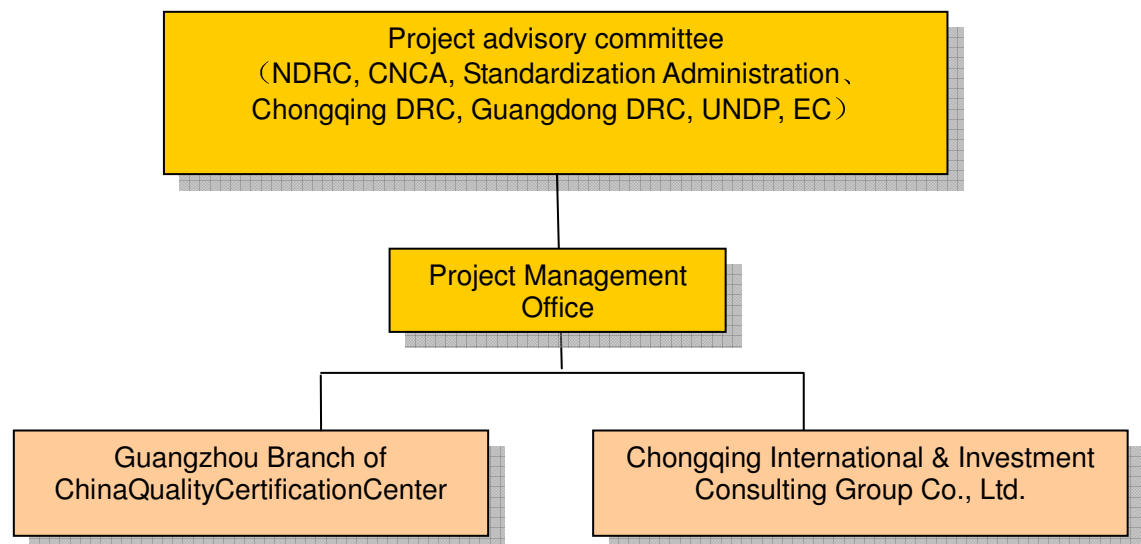


Figure 1: Management Arrangements for Implementing the Project

1) Project advisory committee:

Members: National Development and Reform Commission (NDRC), Certification and Accreditation Administration of China (CNCA), Standardization Administration, Chongqing Municipal Development and Reform Commission, Guangdong

Development and Reform Commission, UNDP, EC.

2) Project management office:

The project management office is set up at the Climate Change Department of NDRC and one project coordinator is appointed.

3) Participating Organizations

Implementation organizations: Chongqing International & Investment Consulting Group Co., Ltd. and Guangzhou Branch of China Quality Certification Center.

Cooperative organizations: China Quality Certification Center, China National Institute of Standardization, Chengdu Branch of China Quality Certification Center, Chongqing Institute of Standardization, Energy Research Institute of NDRC, Guangzhou Institute of Energy Conversion of Chinese Academy of Sciences, Guangzhou Research Institute of Non-Ferrous Metals.

Section III: Project implementation

Part I: Programme Outcome Indicator

The project will contribute to achieving the following outcome as followed:

Table1 Programme Outcome Indicator of Low-carbon Products Certification Project in Chongqing and Guangdong

	Indicator	Baseline	Targets End of Project	Source of verification
Project Objective	<i>Exploring of Low Carbon Products Certification in China</i>	<i>No strategy for Low Carbon Products Certification in China</i>	<i>Final findings will be adopted</i>	<i>Process established; report produced</i>
OUTCOME 1: <i>Chongqing and Guangdong Province Low Carbon Product Certification Implementation Rules</i>	<ul style="list-style-type: none"> <i>Rules of Low Carbon Product Certification Implementation established</i> 	<ul style="list-style-type: none"> <i>None rules of Low Carbon Product Certification Implementation documented</i> 	<ul style="list-style-type: none"> <i>Rules of Low Carbon Product Certification Implementation detailed</i> 	<i>Rules of Low Carbon Product Certification Implementation</i>
OUTCOME 2 <i>Low Carbon Product Certification Standards (draft) and GHG Accounting Methodologies for Motorcycle and Wrought Aluminum Alloy Extruded Profiles</i>	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Standards and GHG Accounting Methodologies established</i> 	<ul style="list-style-type: none"> <i>No Low Carbon Product Certification Standards and GHG Accounting Methodologies established</i> 	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Standards and GHG Accounting Methodologies for Motorcycle and Wrought Aluminum Alloy Extruded Profiles prepared</i> 	<ul style="list-style-type: none"> <i>Chongqing: Low Carbon Product Certification Standards (draft) and GHG Accounting Methodologies for Motorcycles</i> <i>Guangdong: Low Carbon Product Certification Standards (draft) and GHG Accounting Methodologies for Wrought Aluminum Alloy Extruded Profiles</i>
Outcome 3: <i>Low Carbon Product Certification Standards and GHG Accounting Methodologies for general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors</i>	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Standards established</i> 	<ul style="list-style-type: none"> <i>No Low Carbon Product Certification Standards and GHG Accounting Methodologies established</i> 	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Standards and GHG Accounting Methodologies for general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors Prepared</i> 	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Standards and GHG Accounting Methodologies for general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors</i>
Outcome 4: <i>Chongqing and Guangdong Province Low Carbon Product Certification Pilots</i>	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Pilot Report developed</i> 	<ul style="list-style-type: none"> <i>No Low Carbon Product Certification Pilot in place</i> 	<ul style="list-style-type: none"> <i>Low Carbon Product Certification Pilot conducted in Chongqing and Guangdong. One to two products for each province will be selected from</i> 	<i>Low Carbon Product Certification Pilot Report</i>

<i>Demonstration Report (Motorcycle, Wrought Aluminum Alloy Extruded Profiles, and Cement)</i>			<i>the above eight products as the pilot product. The pilot period will last one year.</i>	
Outcome 5: <i>Project Implementation Report</i>	<ul style="list-style-type: none"> • <i>The Project Implementation Report (Chinese and English version)</i> 	<ul style="list-style-type: none"> • <i>None or partial rules of procedure documented</i> 	<ul style="list-style-type: none"> • <i>Report documented</i> 	<ul style="list-style-type: none"> • <i>Project documentation</i>

Part II: Inception Workshop

On November 15th 2012, the Inception Workshop of the project “China: Low-carbon products certification project in Chongqing and Guangdong”, was held in Tangla hotel in Beijing.

Representatives from United Nations Development Programme(UNDP) as the International executing agency, Representatives from EU as the sponsor, officers from National Development and Reform Commission (NDRC) as National Implementing Agency, and Certification and Accreditation Administration of China. and Chongqing International Investment Consulting Group Co., Ltd. and Guangzhou Branch of China Quality Certification Center, as the Implementing Entity/Responsible Partners, and experts from Tsinghua University, National Climate Change Center, Energy Research Institute(ERI) etc., joined the Inception workshop.



Ms Sun Cuihua, deputy director of department of climate change, NDRC, announced the commencement of the inception workshop, she acknowledged the hard work of the UNDP and the donation of EU, she deemed that the implementation of the project would greatly promote the low-carbon products certification work in China, and frame a preliminary carbon emission and reduction certification and accreditation scheme in China

Mr Patrick Haverman, Deputy County Director, UNDP China, also gave warm remarks in the inception work shop. He said that China is presently the second ranked country in the world in terms of energy consumption. The project aims to frame a preliminary carbon emission and reduction certification and accreditation scheme which is adaptable both internationally and locally. By doing these, this project will greatly contribute to climate change mitigation, not only in China, but also in the world.

Representatives of Implementing Entity/Responsible Partners, from Chongqing International Investment Consulting Group Co., Ltd. and Guangzhou Branch of China Quality Certification Center, then respectively introduced their implementation plan of the project in details in Chongqing and Guangdong, from the technical roadmap and method, outcome, to the schedule, project staff and budget. To implement the project, experts groups have been set up respectively. The experts group, together with the project staff, besides desk review, will go to enterprises to do research. After that, draft report will be prepared and workshop held for further discussion and revision. When the standards and rules are ready, pilot work will be started. During



the piloting period, the standards and rules will be further trimmed and updated. The work will be implemented for two years. (see attachment for details)

All the experts agree that the work plan is feasible, the target and the output are clear and specific, the roadmap and methods were practical and effective, the progress and budget were reasonable. In addition, they also emphasized that, to avoid overlapping, the importance of coordination between the the two executing agencies Chongqing and Guangdong. Experts also suggested the experts team to be enriched with experts from industry associations. Besides, the importance of selecting appropriate enterprises is also emphasized.

Ms Sun Cuihua finally summarized in the inception workshop, she appreciated and endorsed the thorough preparation work and implementation plan of Chongqing International Investment Consulting Group Co., Ltd. and Guangzhou Branch of China Quality Certification Center as the implementing entity/responsible partners. She hoped local government to put high value on the project and coordinate relevant work, and requested the implementing entity to further improve their implementation plan according to experts' suggestions, and guarantee the progress and the outputs of the project.



Annex I: Work plan (2012-2014) for the low-carbon products certification project in Guangdong and Chongqing

Project ID and Project Name: 00080101, Low-carbon products certification project in Guangdong and Chongqing											
EXPECTED OUTPUTS/OUTCOMES INDICATORS	PLANNED ACTIVITIES	TIMEFRAME									RESPONSIBLE PARTY
Output/outcome indicators and annual indicator targets/benchmarks (if applicable)	List all activities to be undertaken (including evaluations and publications etc)	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	
Component 1: Low-carbon products certification project in Chongqing											
Output/Outcome 1.1: Low Carbon Product Certification Implementation Rules developed for Chongqing											
Low Carbon Product Certification Implementation Rules developed for Chongqing	Activity 1.1.1 Review of the administrative policy, industry characteristics and management requirements of Chongqing relevant to the Low Carbon Product Certification Implementation Rules	X									
	Activity 1.1.2 Review of the administrative policy, industry characteristics and management requirements of Chongqing relevant to the Low Carbon Product Certification Implementation Rules	X									
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Activity 1.1.3 Draft the low carbon product certification implementation rules.	X	X	X						
Activity 1.1.4 Organize consultation workshops with relevant government officials, associations and industry representatives that actively promote energy saving and low carbon production, to discuss the feasibility of the implementation rules.		X	X	X					
Activity 1.1.5 Revise and finalize the implementation rules based on inputs and recommendations from the key stakeholders.				X	X				
Activity 1.1.6 Popularize the Low Carbon Product Certification Implementation Rules and discuss with national and international experts.					X	X			

Outcome 1.1 subtotal

Activity 1.2.3 Draft low carbon product standards and GHG accounting methodologies developed/adapted for the selected industries	X	X	X						
Activity 1.2.4 Consultation workshops organized with experts, relevant government officials, and associations and industry representatives to discuss the feasibility of the standards and methodologies.	X	X	X						
Activity 1.2.5 Revise and finalize low carbon product standards and GHG accounting methodologies based on inputs and recommendations from the key stakeholders.				X	X	X			
Activity 1.2.6 System/tools designed for monitoring performance (e.g., measurement					X	X			

<p>Activity 1.3.3 Identify technology/ management options and assessed to improve energy efficiency (as relevant) and reduce GHG emissions while improving productivity; Identify policy instruments that would encourage lower emissions; Identify potential mitigation barriers identified and addressed, including identification of domestic factors that might facilitate and scale up mitigation actions; Propose constructive opinions for the promotion of low carbon product certification and GHG accounting, including arguments as to why lower GHG emissions are “better for business”.</p>	X	X	X	X	X				
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	Activity 1.3.4 Review and revise product certification rules, procedures, certification standards, and GHG accounting methodologies, as appropriate. Hold workshops.				X	X	X	X		
	Activity 1.3.5 Promote low carbon products to raise public awareness.					X	X	X	X	X
Outcome 1.3 subtotal										
Outcome 1.4: Project Implementation Report										
Project Implementation Report	Activity 1.4.1 Review and conclusion of the whole project processes							X	X	X
	Activity 1.4.2 Draft low carbon product certification project implementation report developed							X		
	Activity 1.4.3 Organize consultation workshops with experts, relevant government officials, and associations and industry representatives to discuss the feasibility								X	X
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main research focus.									
Activity 2.1.3 Draft the low carbon product certification implementation rules..	X	X	X						
Activity 2.1.4 Organize consultation workshops with relevant government officials, associations and industry representatives that actively promote energy saving and low carbon production, to discuss the feasibility of the implementation rules.		X	X	X					
Activity 2.1.5 Revise and finalize the implementation rules based on inputs and recommendations from the key stakeholders.				X	X				
Activity 2.1.6 Popularize the Low Carbon Product Certification Implementation Rules and discuss with					X	X			

national and international experts.									
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Outcome 2.1 subtotal

Output/Outcome 2.2: Low Carbon Product Standards (draft) and GHG Accounting Methodologies for Wrought Aluminum Alloy Extruded Profiles

Low Carbon Product Standards (draft) and GHG Accounting Methodologies for Wrought Aluminum Alloy Extruded Profiles	Activity 2.2.1 Literature review of international and national low carbon product certification standards and GHG accounting methodologies conducted for relevant products/processes, with focus on the common practice at national level, including definition of boundaries, technical specifications, and emission factors, among others	X									
	Activity 2.2.2 Field research conducted in selected companies to better understand the production processes in the selected industries so as to identify the relevant parameters for their low carbon standards and	X									

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develop GHG accounting profiles.									
Activity 2.2.3 Draft low carbon product standards and GHG accounting methodologies developed/adapted for the selected industries	X	X	X						
Activity 2.2.4 Consultation workshops organized with experts, relevant government officials, and associations and industry representatives to discuss the feasibility of the standards and methodologies.	X	X	X						
Activity 2.2.5 Revise and finalize low carbon product standards and GHG accounting methodologies based on inputs and recommendations from the key stakeholders.				X	X	X			

Activity 2.2.6 System/tools designed for monitoring performance (e.g., measurement protocols, data collection templates, etc)					X	X			
Activity 2.2.7 Promote lessons learnt with national and international stakeholders.						X	X		

Outcome 2.2 subtotal

Output/Outcome 2.3: Low Carbon Product Certification Pilots and Demonstration conducted in Guangdong province

Low Carbon Product Certification Pilots and Demonstration conducted in Guangdong province	Activity 2.3.1 Define the pilot enterprises, based on the current industry distribution of Guangdong, considering the integrity of the production process data, the representation and participation enthusiasm of the relevant companies.	X								
	Activity 2.3.2 Co-operate with pilot enterprises to conduct the low carbon product certification pilot and	X	X	X	X	X	X	X		

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demonstration.									
Activity 2.3.3 Identify technology/ management options and assessed to improve energy efficiency (as relevant) and reduce GHG emissions while improving productivity; Identify policy instruments that would encourage lower emissions; Identify potential mitigation barriers identified and addressed, including identification of domestic factors that might facilitate and scale up mitigation actions; Propose constructive opinions for the promotion of low carbon product certification and GHG accounting, including arguments as to why lower GHG emissions are “better for	X	X	X	X	X				

business”.									
Activity 2.3.4 Review and revise product certification rules, procedures, certification standards, and GHG accounting methodologies, as appropriate. Hold workshops.				X	X	X	X		
Activity 2.3.5 Promote low carbon products to raise public awareness.					X	X	X	X	X

Outcome 2.3 subtotal

Output/Outcome 2.4: Project Implementation Report

Project Implementation Report	Activity 2.4.1 Review and conclusion of the whole project processes							X	X	X
	Activity 2.4.2 Draft low carbon product certification project implementation report developed							X		
	Activity 2.4.3 Organize consultation workshops with experts, relevant government officials, and associations and industry								X	X

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M&E Subtotal				
Total				

Note: Fund from China Government are not included.

	OUTCOME 1:	OUTCOME 2	OUTCOME3	OUTCOME4
Chongqing	<ul style="list-style-type: none"> • <i>Low Carbon Product Certification Implementation Rules developed for Chongqing</i> 	<ul style="list-style-type: none"> • <i>Low Carbon Product Standards (draft) and GHG Accounting Methodologies for Motorcycle</i> 	<ul style="list-style-type: none"> • <i>Low Carbon Product(Motorcycle) Certification Pilots and Demonstration conducted in Chongqing</i> • <i>Besides, another one or two products will be selected from the general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium asynchronous motors as the pilot product.</i> 	<ul style="list-style-type: none"> • <i>Project Implementation Report</i>
Guangdong	<ul style="list-style-type: none"> • <i>Low Carbon Product Certification Implementation Rules developed for Guangdong</i> 	<ul style="list-style-type: none"> • <i>Low Carbon Product Standards (draft) and GHG Accounting Methodologies for Wrought Aluminum Alloy Extruded Profiles</i> 	<ul style="list-style-type: none"> • <i>Low Carbon Product(Wrought Aluminum Alloy Extruded Profiles) Certification Pilots and Demonstration conducted in Guangdong province</i> • <i>Besides, another one or two products will be selected from the general Portland cement, flat-panel TVs, air-conditioners, flat glass, household refrigerators and small and medium</i> 	<ul style="list-style-type: none"> • <i>Project Implementation Report</i>

			<i>asynchronous motors as the pilot product.</i>	
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Annex II: Programme Outcome Comparison of Low-carbon Products Certification Project in Chongqing and Guangdong