International Civil Aviation Organization (ICAO) Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)

Application Form for Emissions Units Programs

CONTENTS

SECTION I: ABOUT THIS ASSESSMENT

Background

Following the agreement at the 39th Assembly of the International Civil Aviation Organization (ICAO), governments and the aviation industry are getting ready to implement the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA). Together with other mitigation measures, CORSIA will help achieve international aviation's aspirational goal of carbon neutral growth from year 2020.

Aeroplane Operators will meet their offsetting requirements under CORSIA by purchasing and cancelling CORSIA eligible emissions units, which will be determined by the ICAO Council upon recommendations by its Technical Advisory Body (TAB), according to paragraph 20 d) of ICAO Assembly Resolution A39-3.

As an initial step, in November 2017, the ICAO Council provisionally approved CORSIA Emissions Unit Eligibility Criteria (EUC). Application of the EUC will serve as the basis for the Council's decisions on CORSIA-eligible emissions units.

To make further progress on the application of the EUC, the ICAO Council requested its Committee on Aviation Environmental Protection (CAEP) to informally test emissions unit programs against the EUC. The results and recommendations of the informal testing were provided to the Council, including the recommendation for the EUC to be used by the TAB in this assessment process.

Subsequently, in March 2019, the ICAO Council unanimously approved the EUC for use by the TAB in undertaking its tasks. At the same time, the ICAO Council also approved the 19 members of the TAB and its Terms of Reference (TOR).

ICAO has invited emissions unit programs to apply for the assessment, which will involve collecting information from each program through this program application form.

Through this assessment, the TAB will develop recommendations on the list of eligible emissions unit programs (and potentially project types) for use under the CORSIA, which will then be considered by the ICAO Council to make its decision on CORSIA eligible emissions units.

This form is accompanied by Appendix A "*Supplementary Information for Assessment of Emissions Unit Programs*", containing the EUC and *Guidelines for Criteria Interpretation*. These EUC and Guidelines are provided to inform programs' completion of this application form, in which they are cross-referenced **by paragraph number**.

Program responses to this application form will serve as the primary basis for the assessment. Such assessment may involve e.g. clarification questions, an in-person interview, and a completeness check of the application, as further requested. Programs which are invited for an in-person interview will receive advance notice of the time and date of the interview.

The working language of the assessment process is English. If the program documents and information are not published in English, the program should fully describe in English (rather than summarize) this information in the fields provided in this form, and in response to any additional questions. Translation services are not available for this process. Those programs that need to translate documents prior to submission may contact the ICAO Secretariat regarding accommodation.

Disclaimer: The information contained in the application, and any supporting evidence or clarification provided by the applicant including information designated as "business confidential" by the applicant, will be provided to the members of the TAB to properly assess the Program and make recommendations to the ICAO Council. The application and such other evidence or clarification will be made publicly available on the ICAO CORSIA website for the public to provide comments, except for information which the applicant designates as "business confidential". The applicant shall bear all expenses related to the collection of information for the preparation of the application, preparation and submission of the application to the ICAO Secretariat and provision of any subsequent clarification sought by the Secretariat and/or the members of the TAB. Under no circumstances shall ICAO be responsible for the reimbursement of such or any other expenses borne by the applicant in this regard, or any loss or damages that the applicant may incur in relation to the assessment and outcome of this process.

SECTION II: INSTRUCTIONS

Submission and contacts

A Program is invited to complete and submit the form, and any accompanying evidence, through the ICAO CORSIA website no later than close of business on **12 July 2019**. Within seven business days of receiving this form, the Secretariat will notify the Program that its form was received.

If the Program has questions regarding the completion of this form, please contact ICAO Secretariat via email: officeenv@icao.int. Programs will be informed, in a timely manner, of clarifications provided by ICAO to any other program.

Form basis and cross-references

Questions in this form are derived from the criteria and guidelines introduced in Section I (above). To help inform the Program's completion of this form, each question includes the paragraph number for its corresponding criterion or guideline that can be found in Appendix A "*Supplementary Information for Assessment of Emissions Unit Programs*".

Form completeness

The Program is strongly encouraged to respond to all questions in this application form. If any question(s) in this form does not apply to the Program, please briefly explain the exception.

Where "evidence" is requested, programs are encouraged to substantiate their responses in any one of these ways (in order of preference):

- web-links to supporting documentation included along with the written summary response; with instructions for finding the relevant information within the linked source, if necessary;
- copying/pasting information directly into this form (no character limits) along with the written summary response;
- attaching supporting documentation to this form at the time of submission, with instructions for finding the relevant information within the attached document(s);

Please note that written summary responses are encouraged—supporting documentation should not be considered as an alternative.

To help manage file size, the Programs should limit supporting documentation to that which directly substantiates the Program's statements in this form.

Form scope

The Program may elect to submit for analysis all or only a portion of the activities supported by the Program.

In the template provided by Appendix B "Program Scope Information Request", the Program should clearly identify and submit along with this form information on the following:

a) activities that the Program submits for analysis by describing them in this form;

b) activities that the Program does not wish to submit for analysis, and so are not described in this form;

c) identification details (e.g., methodology date, version) for activities described in this form.

Information provided under "c" should allow for the unambiguous identification of all methodologies/protocols that the Program has approved for use as of the date of submission of this form.

Program revision

Where the Program has any immediate plans to revise the Program (e.g., its policies, procedures, measures) to enhance consistency with a given criterion or guideline, provide the following information in response to the relevant form question(s):

- Proposed revision(s);

- Process and proposed timeline to develop and implement the proposed revision(s);

- Process and timeline for external communication and implementation of the revision(s).

"Linked" certification schemes

This application form should be completed and submitted exclusively on behalf of the Program that was invited to participate in the assessment.

Some programs may supplement their standards by collaborating with other schemes that certify, e.g., the social or ecological "co-benefits" of mitigation. The Program can reflect a linked scheme's procedures in responses to this form, where this is seen as enhancing—i.e. going "above and beyond"—the Program's own procedures.

For example, the Program may describe how a linked scheme audits sustainable development outcomes; but is not expected to report the linked scheme's board members or staff persons.

Programs should clearly identify any information provided in this form that pertains to a linked certification scheme and/or only applies when a linked certification scheme is used.

Disclosure of program application forms

Applications and other information submitted by emissions unit programs will be publicly available on the ICAO CORSIA website, except for materials which the applicants designate as business confidential.

The public will be invited to submit comments on the programs applications including regarding their consistency with the emissions units criteria (EUC), through the ICAO CORSIA website, for consideration by the TAB following its initial assessment of program applications.

SECTION III: APPLICATION FORM

PART 1: General information

A. Program Information

Program name:	China GHG Voluntary Emission Reduction Program		
Official mailing address:	115#, Xizhimen Nanxiaojie, Xicheng District, Beijing, China		
Telephone :	+86-010-66556304	Official web address:	http://cdm.ccchina.org.c

B. Program *Administrator* Information

Full name and title:	LI, Ganjie, Minister		
Employer / Company (*if not Program*):	Ministry of Ecology and Environment		
E-mail address:		Telephone #:	

C. Program *Representative* Information (*if different from Program Administrator*)

Full name and title:	JIANG Zhaoli, Deputy Director General		
Employer / Company (*if not Program*):	Ministry of Ecology and Environment		
E-mail address:	liu.wenbo@mee.gov.cn	Telephone :	+86-010-66556304

D. Program Senior Staff / Leadership (*e.g., President / CEO, board members*)

List the names and titles of Program's senior staff / leadership, including board members:

ZHAO, Yingmin: Vice Minister, Ministry of Ecology and Environment

LI, Gao: Director General, Department of Climate Change, Ministry of Ecology and Environment

JIANG, Zhaoli: Deputy Director General, Department of Climate Change, Ministry of Ecology and Environment

PART 2: Program summary

Provide a summary description of your program

China GHG Voluntary Emission Reduction Program was established in 2012 by the then China's national climate authority, National Development and Reform Commission (NDRC) and is now administrated by the Ministry of Ecology and Environment, China's climate authority.

The rules and procedures as well as technical standards, including methodologies, of the program have followed, to the greatest extent possible, the good practice of the clean development mechanism (CDM) of the Kyoto Protocol. Main rules of the program have been established in *Interim Measures on the Management of GHG Voluntary Emission Reduction Program (Interim Measures)* published by China's NDRC, the then China's climate authority and program authority through its decree Fagaiqihou (2012) 1668.

Most of the methodologies approved under the program are approved CDM methodologies without any alternation and only a very limited number of methodologies have been developed for the purpose of this program. This has ensured that possible challenges concerning the methodologies have been well addressed in the technical standards of the program.

An electronic registry system has been established for this program in order to ensure the correct issuance, transfer, cancellation, retirement and monitoring of the credits generated under this program (CCER). The security of the system has been well tested in practice. As a system hosted by one of China's central government ministries, security of the system is also closely supervised by China's network information security authority and public security authority.

The program has been in operation since 2012 and relevant rules and procedures have been well tested. CCERs generated under this program have been utilized for offsetting purpose in China's regional carbon emissions trading systems. It has been clearly stated in the *National Carbon Emissions Trading Market Construction Plan (Power Generation Sector)* approved by the State Council of China that CCERs meeting relevant requirements could be used by the covered entities to honor their allowance surrender obligation under the national ETS. This has ensure to some extent the sustainable and stable operation of the program.

PART 3: Emissions Unit Program Design Elements

Note—where "evidence" is requested in *Part 3* and *Part 4*, the Program should provide web links to documentation. If that is not possible, then the program may provide responses in the text boxes provided and/or attached supporting documentation, as recommended in "SECTION II: INSTRUCTIONS—*Form Completeness*".

Note—"*Paragraph X.X*" in this form refers to corresponding paragraph(s) in Appendix A "*Supplementary Information for Assessment of Emissions Unit Programs*".

Note—Where the Program has any immediate plans to revise the Program (e.g., its policies, procedures, measures) to enhance consistency with a given criterion or guideline, provide the following information in response to the relevant form question(s):

- Proposed revision(s);
- Process and proposed timeline to develop and implement the proposed revision(s);
- Process and timeline for external communication and implementation of the revision(s).

3.1. Clear methodologies and protocols, and their development process

Summarize the Program's processes for developing and approving methodologies, including the timing and process for revision of existing methodologies:

On 13 June 2012, *Interim Measures on the Management of GHG Voluntary Emission Reduction Program* (*Interim Measures*) was published by China's National Development and Development Commission (NDRC), the then China's climate authority and program authority through its decree Fagaiqihou (2012) 1668. Articles 10-11 establish two processes for developing and approving methodologies under the program.

The first process is established in article 10. According to article 10, the program authority could: 1) entrust experts to assess methodologies that have already been approved by the Kyoto Protocol's clean development mechanisms executive board; and 2) approve those CDM methodologies that are considered suitable for the program, taking into account of the expert assessment outcome.

The second process is established in article 11. According to article 11, developers of new methodologies could submit to the program authority the proposed methodologies using the standard format provided, accompanied by a supporting project design document demonstrating the application of the proposed methodology. After receipt of the proposed new methodologies, the program authority will entrust experts to review the proposal which shall be completed within 60 working days. The outcome of the assessment will then be considered by the program authority, and those proposed methodologies considered reasonable and feasible which are also accompanied by completed project design document will be approved within 30 working days.

The revision of existing methodologies will follow the same rules and procedures as the second process, including the time provisions. Currently, there are 200 approved methodologies, 151 of

which have been assessed and approved according the process established in article 10 and 49 methodologies developed and approved according to the process established in article 11.

Provide *evidence*[1] *of the public availability* of a) the Program's current processes for developing methodologies and protocols and b) the methodologies / protocols themselves: (*Paragraph 2.1*)

Interim Measures which establish the rules and procedures for developing new methodologies and revising existing methodologies, including the timing and process, are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf. The methodologies and methodological tools approved under the program are publicly available at http://cdm.ccchina.org.cn/zylist.aspx?clmId=162.

3.2. Scope considerations

SECTION II: Application Form Scope includes questions related to this criterion. No additional information is requested here.

3.3. Offset credit issuance and retirement procedures

Are procedures in place… (*Paragraph 2.3*)

a) for unit issuance and retirement / cancellation? ☒ YES

b) related to the duration and renewal of crediting periods? ☒ YES

c) for unit discounting (*if any*)? ☐ YES

Provide evidence of the relevant policies and procedures related to a) through c) (*if any*, in the case of "c"), including their availability to the public:

Procedures related to unit (CCER under the program) issuance and retirement / cancellation are established in *Interim Measures* which are publicly available at http://qhs.mee.gov.cn/tscjs/201904/P020190419527272751372.pdf.

Project participants may choose between two options for the length of a crediting period for a project activity under the program, i.e. either an crediting period of a maximum of seven years which may be renewed at most two times (i.e. maximum 21 years in total) or a fixed length of a

[1] For this and subsequent "evidence" requests, evidence should be provided in the text box (e.g., web links to documentation), and/or in attachments, as recommended in "SECTION II: INSTRUCTIONS—*Form Completeness*".

maximum of ten years without the possibility of renewable. The rules and procedures related to the duration and renewal of crediting periods are established in *the Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf.

3.4 Identification and Tracking

Does the Program utilize an electronic registry or registries? (*Paragraph 2.4.2*) ☒ YES

Provide web link(s) to the Program registry(ies) and indicate whether the registry is administered by the Program or outsourced to a third party (*Paragraph 2.4 (e)*):

An electronic registry administered by the program itself has been established utilized for several years, and could be accessed at http://registry.ccersc.org.cn/login.do. The registry launched for operation in Jan 2015. National Center for Climate Change Strategy and International Cooperation (NCSC) was authorized by Department of Climate Change for the maintenance and management of this registry.

Do / does the Program registry / registries…:

a) have the capability to designate the ICAO eligibility status of particular units? (*Paragraph 2.4.3*) ☒ YES

b) identify and facilitate tracking and transfer of unit ownership/holding from issuance to cancellation/retirement? (*Paragraphs 2.4 (d) and 2.4.4*) ☒ YES

c) identify unit status, including retirement / cancellation, and issuance status? (*Paragraph 2.4.4*) ☒ YES

d) assign unique serial numbers to issued units? (*Paragraphs 2.4 (b) and 2.4.5*) ☒ YES

e) identify in serialization, or designate on a public platform, each unique unit's country and sector of origin, and vintage year? (*Paragraph 2.4.5*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures related to a) through e), including their availability to the public:

Each unit will be assigned a unique serial number in the program registry upon issuance which enables the identification of relevant information of the emission reduction underpinning the unit, including project type, sector of origin, crediting period, registration date, provincial locations, vintage year, etc.

According to the *Notice on the Operation of Registry of the GHG Voluntary Emissions Reduction Program*, each holder of the units, including project owners and market participants, are required to open an account in the registry so that the units could be issued and then

transferred to the accounts of relevant owners. A cancellation account has also been established in the registry, and all units that will be cancelled/retired will be transferred to that account in which the units cannot be further transferred. It is provided in article 22 of the *Interim Measures* that emission reduction units that have been utilized to offset emissions shall be cancelled in the program registry after trading. According to the article 17 of *Administrative Measures for the Registry of China's Greenhouse gas Voluntary*, the market participants including enterprises, institutions and individuals should open an account in the registry in order to hold, transfer, submit and cancel the CCERs.

With the unique serial number assigned to each unit and the established accounts, it is very easy to clearly identify the status of each unit, including, inter alia, issuance, transfer, and cancellation, project type, year of mitigation, and year of issuance.

General introduction of the registry could be viewed at http://www.cssn.cn/jjx/xk/jjx_yyjjx/csqyhjjjx/201802/t20180206_3842575_1.shtml and detailed information regarding the registry could be acquired from the user's manual in the registry account page in accordance with the provisions established in *Notice on the Operation of Registry of the GHG Voluntary Emissions Reduction Program* which is publicly available at http://www.ndrc.gov.cn/gzdt/201501/t20150114_660171.html.

List any/all international data exchange standards to which the Program's registry(ies) conform: (*Paragraph 2.4 (f)*)

Data exchanges standard used in the program's registry development conforms to *Data Exchange Standards for Registry Systems under The Kyoto Protocol* which is used for the clean development mechanism registry and the International Transaction Log of the Kyoto Protocol.

Are policies in place to prevent the Program registry administrators from having financial, commercial or fiduciary conflicts of interest in the governance or provision of registry services? (*Paragraph 2.4.6*) ☒ YES

To address and isolate such conflicts, should they arise? (*Paragraph 2.4.6*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures, including their availability to the public:

The issuance of emission reduction credits follows very strict rules. First, the monitoring reports of all registered projects are published publicly at http://cdm.ccchina.org.cn/jcbg.aspx?clmId=165. Second, emission reductions of registered projects which are associated with the published monitoring reports shall be verified by one of the authorized verification organizations and a certification report will be issued. Third, an application for issuance of emission reductions will be submitted to the program administrator. Fourth, the application will be reviewed by experts which should be finalized within 30 working days. Fifth, the application will be reviewed by the program administrator and only those recommended by experts for approval may be approved. Sixth, the approval information will be published on dedicated website of the program which is publicly available.

These rules and procedures for credits issuance are established clearly in *the Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf. The information on credits issuance under the program is publicly available at http://cdm.ccchina.org.cn/yba.aspx?clmId=169. According to the article 23 of *Administrative Measures for the Registry of China's Greenhouse gas Voluntary*, the stakeholders, including but not limiting to national authority, registered validation entities and verification organizations, registered verifiers, account opening agencies and registered CCER trading platforms, etc., should not apply for opening account of institution or individual in the registry for CCER

trading. For the existing accounts from the stakeholders above in the registry, the registry administration office has the right to limit the function of the account or cancel it.

The Office of Complaints and Appeal at Ministry of Ecology and Environment will accept and process the accusations, complaints and reports against the misconduct, including conflicts of interests, of the Ministry's employees, including the registry administrators. The online platform can be found at:

http://www.mee.gov.cn/hdjl/dflzxfjbpt/.

Are provisions in place…

a) ensuring the screening of requests for registry accounts? (*Paragraph 2.4.7*) ☒ YES

b) restricting the Program registry (or registries) accounts to registered businesses and individuals? (*Paragraph 2.4.7*) ☒ YES

c) ensuring the periodic audit or evaluation of registry compliance with security provisions? (*Paragraph 2.4.8*) ☒ YES

Summarize registry security provisions, including related to a) through c); and provide evidence of the relevant policies and procedures, including their availability to the public:

To open an account in the registry, an application accompanied by relevant supporting documents shall be sent to the registry administration office, in accordance with the requirement established in *Notice on the Operation of Registry of the GHG Voluntary Emissions Reduction Program* which is publicly available at

http://www.ndrc.gov.cn/gzdt/201501/t20150114_660171.html. The application will then be reviewed by the registry administrator, including checking the authenticity, integrity and consistency of relevant information, for example information of the proposed account representative through the on-line verification service provided by the Ministry of Public Security of China.

Before operational, the registry has gone through the security check according to the requirements for information system as established by China's mandatory national standard *GB/T 22239—2008 Information security technology— Baseline for classified protection of information system.* In addition, according to section 7.2.4.10 of the standard, classified protection of information system shall be conducted at least once a year during the operation phase and in case of non-conformity identified, improvement shall be made.

3.5 Legal nature and transfer of units

Does the Program define and ensure the underlying attributes and property aspects of a unit? (*Paragraph 2.5*) ☐ YES

Summarize and provide evidence of the relevant policies and procedures, including their availability to the public:

3.6 Validation and verification procedures

Are standards and procedures in place for… (*Paragraph 2.6*)

a) validation and verification processes? ☒ YES

b) validator and verifier accreditation? ☒ YES

Provide evidence of the relevant policies and procedures related to a) and b), including their availability to the public:

Articles 9 of *the Interim Measures* provides that "Projects, which are to participate in the program, shall use methodologies approved by the program authority, and be validated by a validation entity who had been accredited by the program authority."

Article 12 of *the Interim Measures* provides that "Before application for registration, voluntary emission reduction projects shall be validated by a validation entity who had been accredited by the program authority. Project validation report shall be issued. The project validation report should mainly include the following contents:

(1) Project validation procedure and process;

(2) Accuracy of determination of project baseline and calculation of emission reduction;

(3) Additionality of the project;

(4) The rationality of the monitoring plan;

(5) Main conclusions of project validation."

Article 18 of *the Interim Measures* provides that "After the emission reductions have been generated by a registered voluntary emission reduction project, the emission reductions shall be verified by a verification organization who had been accredited by the program authority before application on issuance can be submitted. The emission reduction verification report should mainly include the following contents:

(1) Procedure and process for emission reduction verification;

(2) Implementation of monitoring plan;

(3) Main conclusions of emission reduction verification.

Entities which have performed validation of a project with estimated annual emission reductions of more than 60,000 tons cannot provide verification service to the same project."

Article 27 of *the Interim Measures* provides that "Organization which wished to be engaged in the validation of voluntary emission reduction trading projects and verification of emission reduction shall submit accreditation application to the program administrator through relevant provincial-level authorities where they are registered, accompanied by the following material:

(1) Business license;

(2) Documents certifying the identity of legal representatives;

(3) Performance certification materials in the field of project validation and emission reduction

verification;

(4) List of auditors and their audit scopes."

Article 28 of *the Interim Measures* provides that "Upon the receipt of the application materials from the applying validation and verification organization, the program administrator shall review the application. The review time shall not exceed six months. After the review, the applying validation and verification organization meeting the following requirements could be accredited.

(1) Its establishment and operation conforms to relevant laws and regulations of the nation;

(2) It has established standardized management systems;

(3) It has good performance in the field of verification and certification;

(4) It has a certain number of auditors with rich experience in relevant auditing scopes and no bad records;

(5) It has certain economic solvency."

Article 29 of *the Interim Measures* provides that "In the course of carrying out the relevant business, if the accredited validation and verification entity violates laws and regulations in a relatively minor way, the program administrator shall order the organization to make correction. If the violation is serious, the program administrator shall publish the organization's violation information and withdrawn the accreditation of that organization."

Standards and procedures for validation and verification processes and validator and verifier accreditation processes are established clearly in *the Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* with the following structure.

Chapter I. Specific requirements for validation and verification organization accreditation

- I. Specific qualification requirements for validation and verification organization accreditation
- II. Requirements for application materials for validation and verification organization accreditation
- III. Follow-up work requirements for validation and verification organization accreditation

Chapter II. Principles, Procedures and Requirements of validation and verification organization

- I. Basic principles of validation and verification work
- II. Validation procedure
- III. Validation requirements
- IV. Verification procedure
- V. Verification requirements

Annex 1. Sectoral scope of voluntary GHG emission reduction projects

Annex 2. Basic information table of the validation and verification organization

Annex 3. Summary table of the validation and verification performance

Annex 4. Basic information table of professional staff of the validation and verification organization

Annex 5. Validation report format of voluntary emission reduction project

Annex 6. Verification report format of emission reductions of voluntary emission reduction project

Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project is publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf.

3.7 Program governance

Does the Program publicly disclose who is responsible for the administration of the Program, and how decisions are made? (*Paragraph 2.7*) ☒ YES

Provide evidence that this information is available to the public:

The governance structure of the program is clearly established in *the Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf. According to the *Interim Measures*, China's climate authority under China's State Council is also responsible for the administration of this program. Procedures regarding decision making are established in relevant sections of *the Interim Measures*, covering, inter alia, approval of methodologies, registration of projects, issuance of credits and accreditation of validators and verifiers.

Can the Program demonstrate that it has… (*Paragraph 2.7.2*)

a) been continuously governed and operational for at least the last two years? ☒ YES

b) a plan for the long-term administration of multi-decadal program elements which includes possible responses to the dissolution of the Program in its current form? ☒ YES

Provide evidence of the relevant policies and procedures related to a) and b):

The program has been in operation since 2013 and relevant decisions made during the operational phase could be viewed at http://cdm.ccchina.org.cn/ccer.aspx, the dedicated website of the program.

The program is managed by the climate authority of China which will exist continuously. In case of dissolution of the program in its current form, relevant plans will be established by the China's climate authority to response to any possible issues that may arise accordingly.

Are policies in place to prevent the Program staff, board members, and management from having financial, commercial or fiduciary conflicts of interest in the governance or provision of program services? (*Paragraph 2.7.3*) ☒ YES

To address and isolate such conflicts, should they arise? (*Paragraph 2.7.3*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

The Office of Complaints and Appeal at the Ministry of Ecology and Environment will accept and process the accusations, complaints and reports against the misconduct, including conflicts of interests, of the government officials of the Ministry or any individuals involved in the

operation of the program. Relevant information can be found at:
http://www.mee.gov.cn/hdjl/dflzxfjbpt/.

If applicable, can the Program demonstrate up-to-date professional liability insurance policy of at least USD$5M? (*Paragraph 2.7.4*) ☐ YES

Provide evidence of such coverage:

Not applicable, as the program is established and managed by a government authority.

3.8 Transparency and public participation provisions

Does the Program publicly disclose… (*Paragraph 2.6*)

a) what information is captured and made available to different stakeholders? ☒ YES

b) its local stakeholder consultation requirements (if applicable)? ☒ YES

c) its public comments provisions and requirements, and how they are considered (if applicable)? ☒ YES

Provide evidence of the public availability of items a) through c):

"Transparency and public participation" is one of the fundamental principles underpinning the *Interim Measures*. In Article 3, it states the "Voluntary GHG emissions reduction trading shall follow the principles of transparency, unbiased, impartiality and integrity".

The *Interim Measures* provide that information to be made publicly available including, inter alia, information related to the approved methodologies, project design documents for stakeholder consultation, registered projects, monitoring reports, issued credits, and accredited validators and verifiers and trading platforms. The information above could be viewed at http://cdm.ccchina.org.cn/ccer.aspx, the trading information could be viewed at the websites of 9 registered CCER trading platforms.

According to Chapter II Section II of *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf, the project design document shall be published for stakeholder consultation purpose for a period of 14 days. The validators should consider carefully the received stakeholder comments and describe in the validation report whether and how if applicable these comments are dealt with. In case of need, they also need to meet relevant stakeholder for consultation purpose.

According to Chapter II Section IV of *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*, the monitoring reports shall also be published for stakeholder consultation purpose for a period of 14 days. The verifiers should consider carefully the received stakeholder comments and describe in the verification report how the received comments are dealt with. The on-site visit cannot be carried out before the completion of

monitoring report publication.

In the templates of *Project Design Document and Monitoring Report*, there are dedicated sections on public participation. Section E requires that: (1) describe the implementation process of local stakeholder consultation, and describe how the local stakeholder's opinions and comments are collected; (2) list all the opinions and comments collected from local stakeholders; and (3) what are the feedbacks and responses, and how the comments are considered and dealt with. The templates are publicly available at http://cdm.ccchina.org.cn/zyDetail.aspx?newsId=46235&TId=161.

Does the Program conduct public comment periods? ☒ YES

Provide evidence of the relevant policies and procedures:

According to Chapter II Section II of *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf, the project design document shall be published for stakeholder consultation purpose for a period of 14 days. The validators should consider carefully the received stakeholder comments and describe in the validation report whether and how if applicable these comments are dealt with. In case of need, they also need to meet relevant stakeholder for consultation purpose.

According to Chapter II Section IV of *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*, the monitoring reports shall also be published for stakeholder consultation purpose for a period of 14 days. The verifiers should consider carefully the received stakeholder comments and describe in the verification report how the received comments are dealt with. The on-site visit cannot be carried out before the completion of monitoring report publication.

3.9 Safeguards system

Are safeguards in place to address environmental and social risks? (*Paragraph 2.9*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures, including their availability to the public:

According to Article 15 of *Interim Measures*, before a project can be submitted for registration, two kinds of approval documents relating with environmental and social safeguards have to be submitted: (1)"Approval Document of Project Environment Impact Assessment", which is the official approval document only after the project's environmental and social risks and impacts are identified and solved; (2) "Approval Document of Project Feasibility Study Report", which is the official approval document only after the project's social impacts are identified and solved.

Article 17 of *Interim Measures* provides that, compliance with environment and society laws and regulations, including meeting social and environmental impact assessment requirements, are the preconditions for the approval of the projects by the program administrator.

Chapter II Section II of *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* provides that project participants shall submit during the validation phase to the validator the environmental impact assessment reports of the project and feasibility study report of the project which contains social impact.

3.10 Sustainable development criteria

Does the Program publicly disclose sustainable development criteria used (*if any*), and provisions for monitoring, reporting and verification in accordance with these criteria? (*Paragraph 2.10*) ☒ YES

Provide evidence of the public availability of any relevant policies and procedures:

In accordance with Article 15 of the *Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf, application for registration of a project activity under the program should be accompanied by environmental impact assessment report, energy conservation assessment report and feasibility report, and it is required that the project activity will make contribution to sustainable development. Article 17 of the *Interim Measures* requires that "having contributed to sustainable development" is one of the preconditions for the approval of the projects by the program administrator.

In the application form for project activity registration which is available at http://cdm.ccchina.org.cn/zyDetail.aspx?newsId=46123&TId=161, section 3 asks the project participants to elaborate in details how the proposed project activities will promote sustainable development.

In *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*,

Chapter II Section II requires that project participants shall submit during the validation phase to the validator the environmental impact assessment reports and feasibility study report of the project which contains social impact.

3.11 Avoidance of double counting, issuance and claiming

SECTION III, Part 4.7—Are only counted once towards a mitigation obligation includes questions related to this criterion. No additional information is requested here.

PART 4: Carbon Offset Credit Integrity Assessment Criteria

Note—Where the Program has any immediate plans to revise the Program (e.g., its policies, procedures, measures) to enhance consistency with a given criterion or guideline, provide the following information in response to the relevant form question(s):

- Proposed revision(s);
- Process and proposed timeline to develop and implement the proposed revision(s);
- Process and timeline for external communication and implementation of the revision(s).

4.1 Are additional

What is the threshold for over-issuance risk beyond which the Program provisions or measures require a response? (*Quantify if possible*)

In the *Interim Measures*, Article 3 requires that the emission reductions shall be based on specific projects characterized by authenticity, measurability and additionality.

The *Interim Measures* is publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf.

Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf contain details provisions on the avoidance of over-issuance. For example, in case of uncertainties regarding the mitigation achievement of the project activity, conservative assumptions or discounting approaches should be utilized.

Is additionality and baseline-setting assessed by an accredited and independent third-party verification entity, and reviewed by the Program? (*Paragraph 3.1*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures, including their availability to the public:

The *Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf contain clear provisions on the assessment by an accredited and independent third-party validation entity of the additionality and baseline-setting of a proposed activity under the program, review by experts and further review by the program administrator. The information on credits issuance is publicly available at http://cdm.ccchina.org.cn/yba.aspx?clmId=169.

Article 12 of *the Interim Measures* provides that "Before application for registration, voluntary emission reduction projects shall be validated by a validation entity who had been accredited by the program authority. Project validation report shall be issued. The project validation report should mainly include the following contents:

(1) Project validation procedure and process;

(2) Accuracy of determination of project baseline and calculation of emission reduction;

(3) Additionality of the project;

(4) The rationality of the monitoring plan;

(5) Main conclusions of project validation."

Article 16 of *the Interim Measures* provides that after receiving the application materials for voluntary emission reduction projects, the program administrator shall commission experts to conduct technical assessment and review and the expert review period shall not exceed 30 working days.

Article 17 of *the Interim Measures* provides that the program administrator, in consultation with relevant governmental authorities, shall review the registration application for voluntary emission reduction projects on the basis of the expert review outcome. Within 30 working days (excluding expert review period) from the date of receiving the registration application, the projects that meet the following requirements could be registered as voluntary emission reduction projects.

(1) Complying with relevant laws and regulations;

(2) Project's scope meets the requirements;

(3) The registration application materials meet the requirements;

(4) Methodology application, baselines determination, calculation of greenhouse gas emission reductions and monitoring methods are appropriate;

(5) Meets the additionality requirement;

(6) The validation report meets the requirements;

(7) Contributes to sustainable development.

The *Interim Measures* is publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf.

The information on credits issuance is publicly available at http://cdm.ccchina.org.cn/yba.aspx?clmId=169.

Does the Program utilize one or more of the methods cited in Paragraph 3.1.2, which can be applied at the project- and/or program-level? (*Paragraphs 3.1.2 - 3.1.3*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures, including listing and describing any/all analysis / test types that the Program permits for use:

Many of the methodologies used in the program are based on approved CDM methodologies, so methods allowed in CDM methodologies are generally allowed in the methodologies of this program. The tools for additionality analysis are also allowed in this program. Following methods can be applied at the project-level for the demonstration of additionality: (A) Barrier analysis; (B) Common practice / market penetration analysis; (C) Investment, cost, or other financial analysis; (D) Performance standards / benchmarks. The methodologies are publicly available at http://cdm.ccchina.org.cn/zylist.aspx?clmId=162 .

In *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*, Chapter II Section III 7 (Additionality) contains clear provisions on how the additionality of a project should be validated by validator, including validation of prior consideration of benefit from CCER, identification of baseline, investment analysis, barrier analysis, and common practice analysis. The *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* is publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf

If the Program designates certain activities as automatically additional (e.g., through a "positive list" of eligible project types), does the Program provide clear evidence on how the activity was determined to be additional? (*Paragraph 3.1*) ☐ YES

Summarize and provide evidence of the availability to the public of relevant policies and procedures, including the criteria used to determine additionality:

Not applicable, as none project activity under the program will be automatically additional.

Describe how the procedures described in this section provide a reasonable assurance that the mitigation would not have occurred in the absence of the offset program: (*Paragraph 3.1*)

Not applicable, as none project activity under the program will be automatically additional.

4.2 Are based on a realistic and credible baseline

Are procedures in place to issue emissions units against realistic, defensible, and conservative baseline estimations of emissions? (*Paragraph 3.2*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures, including that baselines and underlying assumptions are publicly disclosed:

In the *Interim Measures* which are publicly available at

http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf, it is provided that emission reductions to be achieved by project activities shall be real, measurable and additional. In terms of methodology development, it is prescribed that methodologies must have dedicated components for additionality assessment and baseline setting.

In terms of validation and verification, it is required in Chapter II Section III 8. (Calculation of emission reductions) of the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf that the mitigation benefits of the project activity should be estimated conservatively, and: 1) if the data and parameters are determined in advance and remain unchanged throughout the crediting period of the project activity, the validating body shall assess that all data sources and assumptions are appropriate, the calculation is correct, applicable to the project activity, and the emission reduction can be estimated conservatively: 2) if data and parameters are to be monitored during the implementation of project activities, the validating body should confirm that the pre-estimation of these data and parameters is reasonable.

Are procedures in place to ensure that methods of developing baselines, including modelling, benchmarking or the use of historical data, use assumptions, methodologies, and values do not over-estimate mitigation from an activity? (*Paragraph 3.2.2*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

In the *Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf, it is provided that emission reductions to be achieved by project activities shall be real, measurable and additional. In terms of methodology development, it is prescribed that methodologies must have dedicated components for additionality assessment and baseline setting. In terms of validation and verification, it required in the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf that the mitigation benefits of the project activity should be estimated conservative, and specifically, in case of uncertainties, conservative assumptions or discounting approaches should be utilized regarding baseline setting, monitoring and data selection.

It required in Chapter II Section III 8. (Calculation of emission reductions) of the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf that the mitigation benefits of the project activity should be estimated conservatively, and: 1) if the data and parameters are determined in advance and remain unchanged throughout the crediting period of the project activity, the validating body shall assess that all data sources and assumptions are appropriate, the calculation is correct, applicable to the project activity, and the emission reduction can be estimated conservatively: 2) if data and parameters are to be monitored during the implementation of project activities, the validating body should confirm that the pre-estimation of these data and parameters is reasonable.

Are procedures in place for activities to respond, as appropriate, to changing baseline conditions that were not expected at the time of registration? (*Paragraph 3.2.3*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

In the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf, there is one section 2.5.2 dedicated to the rules and procedures dealing with possible changes of the project activity

compared to the situation at registration, including deviations from monitoring plan or methodologies, correction of project information or parameters, change of the crediting period and change of project design. According to section 2.5.2, in case of any change, the validators shall in the verification report ascertain whether the change will affect the determination of emissions baseline or calculation of emission reductions and in case of possible impact, how the changes are dealt with in a conservative approach. In case of crediting period renewal, the project activity shall be assessed against all requirements of the program, the same as the original registration.

4.3 Are quantified, monitored, reported, and verified

Are procedures in place to ensure that…

a) emissions units are based on accurate measurements and valid quantification methods/protocols? (*Paragraph 3.3*) ☒ YES

b) validation occurs prior to or in tandem with verification? (*Paragraph 3.3.2*) ☒ YES

c) results of validation and verification are made publicly available? (*Paragraph 3.3.2*) ☒ YES

d) monitoring, measuring, and reporting of both activities and the resulting mitigation is conducted at specified intervals throughout the duration of the crediting period? (*Paragraph 3.3*) ☒ YES

e) mitigation is measured and verified by an accredited and independent third-party verification entity? (*Paragraph 3.3*) ☒ YES

f) *ex-post* verification of mitigation is required in advance of issuance of emissions units? (*Paragraph 3.3*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures related to a) through f):

Rules and procedures regarding the above issues are in place in relevant sections of the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf.

Article 3 requires that emission reductions to be achieved by project activities shall be measurable, and Article 9 requires that projects shall be based on approved methodologies.

It is provided that validation must occur prior to verification. In the *Interim Measures*, Article 21 requires that one of the conditions for issuance of emission reduction is that the project has been registered. Article 17 requires that one of the conditions for project registration is that the project validation report has met requirements.

In case of uncertainties, conservative assumptions or discounting approaches should be utilized

regarding baseline setting, monitoring and data selection.

Results of validation and verification are made publicly available on http://cdm.ccchina.org.cn/zyblist.aspx?clmId=164 and http://cdm.ccchina.org.cn/yba.aspx?clmId=169.

Detailed provisions are in place regarding the specified interval of monitoring, measuring, and reporting of both activities and the resulting mitigation throughout the duration of the crediting period. The sample monitoring report is available at http://cdm.ccchina.org.cn/zylist.aspx?clmId=161 and the published monitoring reports could be viewed at http://cdm.ccchina.org.cn/jcbg.aspx?clmId=165.

Article 18 requires a registered project can only apply for emission reduction issuance if the monitoring report have been verified by the verification body accredited.

Are provisions in place… (*Paragraph 3.3.3*)

a) to manage and/or prevent conflicts of interest between accredited third-party(ies) performing the validation and/or verification procedures, and the Program and the activities it supports? ☒ YES

b) requiring accredited third-party(ies) to disclose any conflict of interest? ☒ YES

c) to address and isolate such conflicts, should they arise? ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

In the *Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf, chapter 5 addresses issues related to validation and verification. More specifically, it required that: 1) the third-party(ies) performing the validation and/or verification should have sound internal management rules and procedures; 2) the individual validators/verifiers have not any misconduct in the past; 3) in case of misconduct, corrections are needed and the eligibility of validation and/or verification could be revoked.

In the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf, it is provided in Chapter I that: 1) the third-party(ies) performing the validation and/or verification shall sign a declaration of not conducting any business that may be viewed as a conflict of interests with their validation and/or verification activities; 2) before signing contract on validation/verification, the third-party shall first make sure there will be no conflict of interests; 3) the third-party is required to establish a fund or to buy insurance to address any possible risks of its validation/verification business; 4) the third-party is required to disclose, report and address any conflict of interest once encountered.

Are procedures in place requiring that renewal of any activity at the end of its crediting period includes a reevaluation and update of baseline? (*Paragraph 3.3.4*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

In the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available at

http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf, it is required that in case of crediting period renewal, the project activity shall be assessed against all requirements of the program, the same as the original registration.

Are procedures in place to transparently identify units that are issued *ex-ante* and thus ineligible for use in the CORSIA? (*Paragraph 3.3.5*) ☒ YES

Provide evidence of the relevant policies and procedures:

In this program, unit can only be issued upon the submission of verification report which is based on the actual operation of the project activity and ex-ante issuance of units is not allowed.

4.4 Have a clear and transparent chain of custody

SECTION III, Part 3.4—Identification and tracking includes questions related to this criterion. No additional information is requested here.

4.5 Represent permanent emissions reductions

List any emissions sectors (if possible, activity types) supported by the Program that present a potential risk of reversal of emissions reductions, avoidance, or carbon sequestration:

Emissions sectors or activity types supported by this program that may present a potential risk of reversal of emissions reductions, avoidance, or carbon sequestration, include project activities in the afforestation and reforestation, agriculture and CCUS sectors.

Currently, methods and instruments to avoid reversal of emission reduction are under consideration by the Program. For example, introducing an issuance discounting regulation for the emission reduction units generated from projects in afforestation, reforestation, agriculture and CCUS sector and establish an emission reduction units pool for future possible compensations, and, introducing period of validity for the emission reduction units generated from projects from afforestation, reforestation and agriculture sector.

Project activities types supported by this program that may present a potential risk of reversal of emissions reductions, avoidance, or carbon sequestration, i.e. activities in the afforestation and reforestation agriculture and CCUS sectors are excluded for consideration under CORSIA.

What is the minimum scale of reversal for which the Program provisions or measures require a response? (Quantify if possible)

Not applicable.

For sectors/activity types identified in the first question in this section, are procedures / provisions in place to require and support these activities to…

a) undertake a risk assessment that accounts for, *inter alia*, any potential causes, relative scale, and relative likelihood of reversals? (*Paragraph 3.5.2*) ☐ YES

b) monitor identified risks of reversals? (*Paragraph 3.5.3*) ☐ YES

c) mitigate identified risks of reversals? (*Paragraph 3.5.3*) ☐ YES

d) ensure full compensation for material reversals of mitigation issued as emissions units and used toward offsetting obligations under the CORSIA? (*Paragraph 3.5.4*) ☐ YES

Summarize and provide evidence of the relevant policies and procedures related to a) through d):

Project activities types supported by this program that may present a potential risk of reversal of emissions reductions, avoidance, or carbon sequestration, i.e. activities in the afforestation and reforestation and agriculture sectors are excluded for consideration under CORSIA.

Are provisions in place that… (*Paragraph 3.5.5*)

a) confer liability on the activity proponent to monitor, mitigate, and respond to reversals in a manner mandated in the Program procedures? ☐ YES

b) require activity proponents, upon being made aware of a material reversal event, to notify the Program within a specified number of days? ☐ YES

c) confer responsibility to the Program to, upon such notification, ensure and confirm that such reversals are fully compensated in a manner mandated in the Program procedures? ☐ YES

Summarize and provide evidence of the relevant policies and procedures related to a) through c):

Does the Program have the capability to ensure that any emissions units which compensate for the material reversal of mitigation issued as emissions units and used toward offsetting obligations under the CORSIA are fully eligible for use under the CORSIA? (Paragraph 3.5.6) ☐ YES

Summarize and provide evidence of the relevant policies and procedures:

Would the Program be willing and able, upon request, to demonstrate that its permanence provisions can fully compensate for the reversal of mitigation issued as emissions units and used under the CORSIA? (*Paragraph 3.5.7*) ☐ YES

4.6 Assess and mitigate against potential increase in emissions elsewhere

List any emissions sectors (if possible, activity types) supported by the Program that present a potential risk of material emissions leakage:

Biomass substitution for fossil fuels, transportation optimization, conversion of raw materials, equipment or technology transfer, new transmission and distribution systems, new natural gas or biomass power plants, etc.

Are measures in place to assess and mitigate incidences of material leakage of emissions that may result from the implementation of an offset project or program? (*Paragraph 3.6*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

Leakage is an essential part of emission reduction calculation in all methodologies. It is required by the program that: all leakage related issues shall be clearly identified in the project design documents; all leakage related parameters shall be included in the monitoring plan and be monitored; leakage emissions shall be correctly calculated according to methodology.

In the *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*, Chapter II, Section III 8 requires that the project emissions, baseline emissions, leakage and emission reduction shall be accurately calculated in the project design document. The calculation steps and applied formula shall meet the requirements of methodology.

Chapter II, Section V requires that the implementation of the registered voluntary emission reduction projects shall be monitored in accordance with the approved monitoring plan; and the verification and certification entities shall assess whether the monitoring activities have been carried out in accordance with the registered monitoring plan. Among others, the following items shall be checked in detail:

(1) Whether all parameters contained in the monitoring plan, including those related to project emissions, baseline emissions and leakage, have been properly monitored;

(2) Whether the monitoring equipment has been maintained and calibrated, and whether the maintenance and calibration meets the requirements as contained in the monitoring plan, of applied methodology, region, country and/or equipment manufacturer;

(3) Whether the monitoring results are recorded according to the frequency stipulated in the monitoring plan;

(4) Whether the quality assurance and control procedures are implemented in accordance with the monitoring plan.

Chapter II, Section V also requires that emission reduction calculation shall be verified and certificated. The project participants shall calculate the actual emission reduction according to the registered project design documents. In case of lack of data caused by monitoring, emission reductions shall be calculated in a conservative manner. If the actual emission reduction is higher than the estimation, the underlying reason shall be explained.

The verification and certification entity shall verify all parameters, data and emission reduction calculation in accordance with applied methodologies and registered project design documents. Among others, the following items shall be assessed in detail:

(1) Whether the parameters and data are available during the monitoring period, and in case of partial data availability caused by monitoring, the verification and certification entities shall raise a non-conformity in this regard, and require the project participants to conservatively calculate

the emission reduction;

(2) Whether the information in the monitoring report is cross-checked with other data sources;

(3) Whether the calculation of baseline emissions, project emissions and leakage is consistent with applied methodologies and registered monitoring plans;

(4) Whether the assumptions used in the calculation, the emission factors, default values and other values used are reasonable.

Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project are publicly available at http://cdm.ccchina.gov.cn/WebSite/CDM/UpFile/File2986.pdf

Approved methodologies are publicly available at http://cdm.ccchina.org.cn/zylist.aspx?ClmId=162.

Are provisions in place requiring activities that pose a risk of leakage when implemented at the project-level to be implemented at a national level, or on an interim basis on a subnational level, in order to mitigate the risk of leakage? (*Paragraph 3.6.2*) ☐ YES

Summarize and provide evidence of the relevant policies and procedures:

Are procedures in place requiring activities to monitor identified leakage? (*Paragraph 3.6.3*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

The program requires that all leakage-related parameters shall be included in the monitoring plan and monitored. In the methodologies related with leakage emissions, it is clearly stipulated that the parameters related to leakage emissions shall be monitored. For example, in methodology CM-007-V01 *GHG Emission Reduction of Industrial Wastewater Treatment Process*, in Section 9, it is required that the parameters related to leakage, "*the number of K-type solid substances (tons of dry substances) replaced by animal feed in the Y year due to the project activities*", shall be calculated. In Section 15 of this methodology, there are clear requirements on monitoring data source, measuring procedures, monitoring frequency and other information.

In *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project*, Chapter II, Section V requires that implementation of the registered emission reduction projects shall be monitored in accordance with the approved monitoring plan.

The verification and certification entities shall assess whether the monitoring activities had been carried out in accordance with the registered monitoring plan. Among others, the following items shall be assessed in detail:

(1) Whether all parameters contained in the monitoring plan, including those related to project emissions, baseline emissions and leakage, have been properly monitored;

(2) Whether the monitoring equipment has been maintained and calibrated, and whether the maintenance and calibration meets the requirements as contained in the monitoring plan, of applied methodology, region, country and/or equipment manufacturer;

(3) Whether the monitoring results are recorded according to the frequency stipulated in the monitoring plan;

(4) Whether the quality assurance and control procedures are implemented in accordance with the monitoring plan.

Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project are publicly available at http://cdm.ccchina.gov.cn/WebSite/CDM/UpFile/File2986.pdf.

Methodology CM-007-V01 is publicly available at:

Http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165604578677.pdf.

Are procedures in place requiring activities to deduct from their accounting emissions from any identified leakage that reduces the mitigation benefits of the activities? (*Paragraph 3.6.4*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

The program clearly stipulates the calculation of emission reductions shall consider leakage emissions where relevant. For example, in section 10 of methodology CM-007-V01 (*GHG Emission Reduction of Industrial Wastewater Treatment Process*), it is required that: "The calculation method of emission reduction for a given year in the crediting period is as follows:

ERy = BEy - PEy - LEy

Among them:

ERy = emission reductions in Year Y of the project activity (tCO2e/year)

BEy = Baseline Emissions in Year Y (tCO2e/year)

PEy = Project Emissions in Year Y (tCO2e/year)

LEy = Leakage emissions in Year Y (tCO2e/year)"

Methodology CM-007-V01 is publicly available at:

Http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165604578677.pdf

4.7 Are only counted once towards a mitigation obligation

Are measures in place to avoid the following, as defined in the corresponding Paragraphs, particularly with respect to registry-related protocols and/or oversight?

a) double-issuance? (*Paragraphs 3.7.1 and 3.7.5*) ☒ YES

b) double-use? (*Paragraphs 3.7.2 and 3.7.6*) ☒ YES

c) double-selling? (*Paragraph 3.7.7*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures related to a) through c):

All registered project activity information can be viewed at http://cdm.ccchina.org.cn/zyblist.aspx?clmId=164.

In order to avoid double-issuance, in the application form for emission reduction issuance which is available at http://cdm.ccchina.org.cn/zyDetail.aspx?newsId=46123&TId=161, section 3 requires a clear declaration of the project participants that: 1) the emission reductions for which the issuance is requested are real and effective; 2) no request for issuance has been submitted under any other emission reduction systems; and 3) in case of false information or request for issuance of the emissions reduction in other systems, the application will bear legal consequences.

In addition, According to *Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project* which are publicly available http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf.

It is required that the third-party verification entity to validate and verify whether the proposed project and the emission reductions are double registered or issued in any other international or domestic scheme.

In the program registry, a cancellation account has also been established in the registry, and all units that will be cancelled/retired will be transferred to that account in which the units cannot be further transferred.

Each unit will be assigned a unique serial number in the program registry upon issuance which enables the identification of relevant information of the emission reduction underpinning the unit, including project type, sector of origin, crediting period, registration date, provincial locations, vintage year, etc.

Each holder of the units, including project owners and market participants, are required to open an account in the registry so that the units could be issued and then transferred to the accounts of relevant owners. A cancellation account has also been established in the registry, and all units that will be cancelled/retired will be transferred to that account in which the units cannot be further transferred. It is provided in article 22 of the *Interim Measures* that emission reduction units that have been utilized to offset emissions shall be cancelled in the program registry after trading.

With the unique serial number assigned to each unit and the established accounts, it is very easy to clearly identify the status of each unit, including, inter alia, issuance, transfer, and cancellation, project type, year of mitigation, and year of issuance.

With this system, double-use and double-selling will be avoided.

Are measures in place (or *would the Program be willing and able to put in place measures*) to avoid double-claiming as defined in *Paragraph 3.7.3*? ☒ YES

As resolved as in *Paragraphs 3.7.8 – 3.7.9*? ☒ YES

Summarize and provide evidence of any relevant policies and procedures:

If no measures are currently in place, describe what measures the Program would consider putting in place in relation to the guidelines in *Paragraphs 3.7.3* and *Paragraphs 3.7.8 – 3.7.9*:

Ministry of Ecology and Environment, China's climate authority which also administers the program, wishes to commit that necessary measures will be put in place to avoid double claiming, i.e. counting the emission reductions achieved under the program towards both NDC mitigation effort of China and that of an airline using the credits associated with the corresponding emissions reductions. Measures to avoid double claiming include possibly for

example corresponding adjustment the details of which are to be by the Conference of the Parties of the Paris Agreement.

Are measures in place (or *would the Program be willing and able to put in place measures*) to…

a) make publicly available any national government decisions related to accounting for the underlying mitigation associated with units used in ICAO, including the contents of host country attestations described in the criterion guidelines (*Paragraph 3.7.10*) ☒ YES

b) update information pertaining to host country attestation as often as necessary to avoid double-claiming? (*Paragraph 3.7.10*) ☒ YES

c) monitor for double-claiming by relevant government agency(ies) that otherwise attested to their intention to not double-claim the mitigation? (*Paragraph 3.7.11*) ☒ YES

d) report to ICAO's relevant bodies, as requested, performance information related to, *inter alia*, any material instances of and Program responses to country-level double-claiming; the nature of, and any changes to, the number, scale, and/or scope of host country attestations; any relevant changes to related Program measures? (*Paragraph 3.7.12*) ☒ YES

e) to compensate for, replace, or otherwise reconcile double-claimed mitigation associated with units used under the CORSIA which the host country's national accounting focal point or designee otherwise attested to its intention to not double-claim? (*Paragraph 3.7.13*) ☒ YES

Summarize and provide evidence of any relevant policies and procedures related to a) through e):

If no measures are currently in place, describe what measures the Program would consider putting in place in relation to the guidelines in *Paragraphs 3.7.10 – 3.7.13*:

The Program is willing and able to put in place measures to implement requirements contained in a) through e). However, detailed and specific measures to be put in place will depend on the relevant international requirements, including the accounting rules under the Paris Agreement, ICAO resolution and/or its relevant bodies.

4.8 Do no net harm

Are procedures in place to ensure that offset projects do not violate local, state/provincial, national or international regulations or obligations? (*Paragraph 3.8*) ☒ YES

Summarize and provide evidence of the relevant policies and procedures:

According to Article 15 of *Interim Measures*, before a project can be submitted for registration, two kinds of approval documents relating with environmental and social safeguards have to be submitted: (1)"Approval Document of Project Environment Impact Assessment", which is the official approval document only after the project's environmental and social risks and impacts are identified and solved; (2) "Approval Document of Project Feasibility Study Report", which is the official approval document only after the project's

social impacts are identified and solved.

Article 17 of *Interim Measures* provides that, compliance with environment and society laws and regulations, including meeting social and environmental impact assessment requirements, are the preconditions for the approval of the projects by the program administrator.

If local, state/provincial, national or international regulations or obligations are violated, the proposed project activities will be rejected by the program.

Provide evidence that the Program complies with social and environmental safeguards: (*Paragraph 3.8*)

According to Article 15 of *Interim Measures*, before a project can be submitted for registration, two kinds of approval documents relating with environmental and social safeguards have to be submitted: (1)"Approval Document of Project Environment Impact Assessment", which is the official approval document only after the project's environmental and social risks and impacts are identified and solved; (2) "Approval Document of Project Feasibility Study Report", which is the official approval document only after the project's social impacts are identified and solved.

Article 17 of *Interim Measures* provides that, compliance with environment and society laws and regulations, including meeting social and environmental impact assessment requirements, are the preconditions for the approval of the projects by the program administrator.

If local, state/provincial, national or international regulations or obligations are violated, the proposed project activities will be rejected by the program.

Provide evidence of the Program's public disclosure of the institutions, processes, and procedures that are used to implement, monitor, and enforce safeguards to identify, assess and manage environmental and social risks: (*Paragraph 3.8*)

In accordance with the *Interim Measures* which are publicly available at http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf, application for registration of a project activity under the program should be accompanied by environmental impact assessment report, energy conservation assessment report and feasibility report, and it is required that the project activity will make contribution to sustainable development.

In the application form for project activity registration which is available at http://cdm.ccchina.org.cn/zyDetail.aspx?newsId=46123&TId=161, section 3 asks the project participants to elaborate in details how the proposed project activities will promote sustainable development.

Relevant documents of proposed project activities, including project design document, monitoring report, validation and verification reports, are published at the dedicated website of the program, which could be viewed publicly. During the stakeholder consultation phases for both validation and verification which last for 14 days, comments are sought from relevant stakeholders and in the validation and/or verification reports, the third-party shall describe whether and how in case of applicable these comments have been taken into consideration.

PART 5: Program comments

Are there any additional comments the Program wishes to make to support the information provided in this form?

1. If more clarification is needed, please contact us by email registry@ccersc.org.cn .
2. Document list:
   1) Interim Measures on the Management of GHG Voluntary Emission Reduction Program
      http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2894.pdf
   2) Guidelines for the Validation and Verification of GHG Voluntary Emission Reduction Project
      http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2986.pdf
      http://cdm.ccchina.org.cn/WebSite/CDM/UpFile/File2984.pdf
   3) Notice on the Operation of Registry of the GHG Voluntary Emissions Reduction Program
      http://www.ccchina.org.cn/archiver/ccchinacn/UpFile/Files/Default/20150504174034137668.pdf
   4) Application Documents of CCER project
      http://cdm.ccchina.org.cn/zyDetail.aspx?newsId=46123&TId=161
   5) Administrative Measures for the Registry of China's Greenhouse gas Voluntary Emission Reduction Program, attached with the application email.

SECTION IV: SIGNATURE

I certify that I am the administrator or authorized representative ("Program Representative") of the emissions unit program ("Program") represented in a) this form, b) evidence accompanying this form, and c) any subsequent oral and/or written correspondence (a-c: "Program Submission") between the Program and ICAO; and that I am duly authorized to represent the Program in all matters related to ICAO's analysis of this application form; and that ICAO will be promptly informed of any changes to the contact person(s) or contact information listed in this form.

As the Program Representative, I certify that all information in this form is true, accurate, and complete to the best of my knowledge.

As the Program Representative, I acknowledge that:

the Program's participation in the assessment does not guarantee, equate to, or prejudge future decisions by Council regarding CORSIA-eligible emissions units; and

the ICAO is not responsible for and shall not be liable for any losses, damages, liabilities, or expenses that the Program may incur arising from or associated with its voluntary participation in the assessment; and

as a condition of participating in the assessment, the Program will not at any point publicly disseminate, communicate, or otherwise disclose the nature, content, or status of communications between the Program and ICAO, and of the assessment process generally, unless the Program has received prior notice from the ICAO Secretariat that such information has been and/or can be publicly disclosed.

Signed:

JIANG Zhaoli

Department of Climate Change
Ministry of Ecology and Environment
People's Republic of China

12th July, 2019

Full name of Program Representative (*Print*) Date signed (*Print*)

Program Representative (*Signature*)

(This signature page may be printed, signed, scanned and submitted as a separate file attachment)

SECTION IV: SIGNATURE

I certify that I am the administrator or authorized representative ("Program Representative") of the emissions unit program ("Program") represented in a) this form, b) evidence accompanying this form, and c) any subsequent oral and/or written correspondence (a-c: "Program Submission") between the Program and ICAO; and that I am duly authorized to represent the Program in all matters related to ICAO's analysis of this application form; and that ICAO will be promptly informed of any changes to the contact person(s) or contact information listed in this form.

As the Program Representative, I certify that all information in this form is true, accurate, and complete to the best of my knowledge.

As the Program Representative, I acknowledge that:

the Program's participation in the assessment does not guarantee, equate to, or prejudge future decisions by Council regarding CORSIA-eligible emissions units; and

the ICAO is not responsible for and shall not be liable for any losses, damages, liabilities, or expenses that the Program may incur arising from or associated with its voluntary participation in the assessment; and

as a condition of participating in the assessment, the Program will not at any point publicly disseminate, communicate, or otherwise disclose the nature, content, or status of communications between the Program and ICAO, and of the assessment process generally, unless the Program has received prior notice from the ICAO Secretariat that such information has been and/or can be publicly disclosed.

Signed:

Jiang Zhaoli

Department of Climate Change
Ministry of Ecology and Environment
People's Republic of China

26th July, 2019

Full name of Program Representative (*Print*) | Date signed (*Print*)

Program Representative (*Signature*)

(This signature page may be printed, signed, scanned and submitted as a separate file attachment)

Program Application Form, Appendix B

Program Scope Information Request

CONTENTS: This document collects information from emissions unit programs pertaining to the following:

Sheet A) Activities the program describes in this form, which will be assessed by ICAO's body of experts
Sheet B) Any activities that the program does not wish to submit for assessment
Sheet C) List of all methodologies / protocols that support activities described under Sheet A

SHEET A: DESCRIBED ACTIVITIES *(Here, list activities supported by the program that are described in this form for further assessment)*

Sector	Supported activity type(s)	Implementation level(s)	Geography(ies)
e.g. Waste, Energy	e.g., Landfill methane capture; Coal mine methane capture;	e.g., Project-level only; Programs of activities; Sector-scale	e.g., Global; Non-Annex I-only; Country X only
Energy industries (renewable/non-renewable sources)	electricity and heat generation from renewable sources such as wind, solar, hydro, renewable biomass, including construction of new plants, capacity increases, plant retrofitting, energy efficiency and fuel switching; electricity and heat generation from fossile fuels and or non-renewable biomass, including construction of new plants, capacity increases, plant retrofitting, energy efficiency and fuel switching	Project-level only	China only
Energy distribution	Energy efficiency measures in power transmission and distribution	Project-level only	China only
Energy demand	Demand-side energy efficiency measures in diverse sectors, such as pumping systems, lighting systems, household appliances and buildings	Project-level only	China only
Manufacturing industries	Cement production, in particular fuel switching and use of alternative raw materials	Project-level only	China only
Chemical industry, not including N2O-related activities	Production of chemicals, processed and manufactured materials, such as biodiesel, charcoal, upgraded biogas, ammonia, urea, CO2-based chemicals and hydrogen	Project-level only	China only
Construction	Activities related to construction of buildings, such as using less GHG intensive construction techniques and materials, but does not cover energy efficiency in buildings	Project-level only	China only
Transport	Introduction of modal shifts, fuel switches and less GHG intensive transport modes in the transport of freight and passengers	Project-level only	China only
Mining/mineral production	Management of mine methane; capture and use of waste CH4 gas	Project-level only	China only
Metal production	Management of PFC emissions in aluminium production; Management of CO2 emissions in iron production; Waste gas/pressure/heat recovery and use in iron and steel production.	Project-level only	China only
Fugitive emissions from fuels (solid, oil and gas)	Management of associated gas and waste gas in oil and gas facilities	Project-level only	China only
Solvents use	Projects involving the use of solvents	Project-level only	China only
Waste handling and disposal	Solid waste disposal in landfills; Alternative methods of solid waste management, such as gasification, incineration, recycling and production of refuse derived fuel; Wastewater treatment systems; Biogas management; Manure management systems; Biogas management	Project-level only	China only

SHEET B: EXCLUDED ACTIVITIES *(Here, list activities supported by the program that are not described in this form for further assessment)*

Sector	Supported activity type(s)	Implementation level(s)	Geography(ies)
e.g. Waste, Energy	e.g., Landfill methane capture; Coal mine methane capture;	e.g., Project-level only; Programs of activities; Sector-scale	e.g., Global; Non-Annex I-only; Country X only
Fugitive emissions from production and consumption of halocarbons and sulphur hexafluoride	Mitigation of HFC emissions used as refrigerant and blowing agent; Mitigation of SF6 emissions used as insulating gas in electrical equipment; Mitigation of fluorinated gases emissions used in semiconductor manufacturing; Production of refrigerant gas HCFC22	Project-level only	China only
Chemical industry covering N2O-related chemical activities	Management and abatement of N2O emissions from caprolactam, nitric and adipic acid plants	Project-level only	China only
Afforestation and reforestation	Afforestation and reforestation projects	Project-level only	China only
Agriculture	Management of agricultural operations to reduce emissions	Project-level only	China only

SHEET C: METHODOLOGIES / PROTOCOLS LIST *(Here, list all methodologies / protocols that support activities described in Sheet A)*

Methodology name	**Unique Methodology / Protocol Identifier**	**Applicable methodology version(s)**	**Date of entry into force of most recent version**	**Prior versions of the methodology that are credited by the Program** (if applicable)	**Greenhouse / other gases addressed in methodology**	**Web link to methodology**
e.g. "Methodology to XYZ…"	e.g., ABC-123-V.20-XXX	e.g., V2.0	01/01/2018			
Grid-connected electricity generation from renewable sources	CM-001-V02	V2.0	03/03/2016	V1.0	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160303093516686376.pdf
Consolidated baseline methodology for fuel switching from coal and/or petroleum fuels to natural gas in existing power plants for electricity generation	CM-004-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165107013658.pdf
Consolidated baseline and monitoring methodology for new grid connected fossil fuel fired power plants using a less GHG intensive technology	CM-006-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165529230655.pdf
Renewable energy projects replacing part of the electricity production of one single fossil fuel fired power plant	CM-011-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165838438478.pdf
Methodology for Grid Connected Electricity Generation Plants using Natural Gas	CM-012-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165900510740.pdf
New cogeneration project activities supplying electricity and heat to multiple customers replacing grid-connected / off-grid steam and electrisity generation using fuel with high carbon content	CM-015-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170026438655.pdf
Energy efficiency improvement projects - boiler rehabilitation or replacement in industrial and district heating sectors	CM-018-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170224656416.pdf
Introduction of a district heating system	CM-019-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170252900032.pdf
Fossil Fuel Displacement by Geothermal Resources for Space Heating	CM-022-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170438414067.pdf
Construction of a new natrual gas power plant supplyiong electricity to the grid or a single consumer	CM-023-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170503176483.pdf
Installation of a new natural gas fired gas turbine to an existing CHP plant	CM-025-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170557491590.pdf
Integrated Solar Combined Cycle (ISCC) projects	CM-026-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170622784037.pdf

Thermal energy production with or without electricity	CMS-001-V02	V2.0	03/03/2016	V1.0	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160303094209048961.pdf
Grid connected renewable electricity generation	CMS-002-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171148538669.pdf
Renewable electricity generation for captive use and mini-grid	CMS-003-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171208960837.pdf
Plant oil production and use for energy generation in stationary applications	CMS-004-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171233398235.pdf
Supply side energy efficiency improvements–generation	CMS-007-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171342523188.pdf
Conversion from single cycle to combined cycle power generation	CM-027-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140437569336.pdf
Methodology for rehabilitation and/or energy efficiency improvement in existing power plants	CM-034-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140843431858.pdf
Greenfield cogeneration facility supplying electricity and steam to a Greenfield Industrial Consumer and exporting excess electricity to a grid and/or project customer	CM-037-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141034855159.pdf
Methodology for new grid connected power plants using permeate gas previously flared and/or vented	CM-049-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141938643369.pdf
Energy efficiency improvements of a power plant through retrofitting turbines	CM-063-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142646586347.pdf
Methodology for implementation of fossil fuel trigeneration systems in existing industrial facilities	CM-064-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142703180309.pdf
Consolidated methodology for electricity and heat generation from biomass	CM-075-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143355466836.pdf
Grid-connected electricity generation using biomass from newly developed dedicated plantations	CM-076-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143411935797.pdf
Energy efficiency improvement of a boiler by introducing oil/water emulsion technology	CM-078-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143441826805.pdf

Efficiency improvement by boiler replacement or rehabilitation and optional fuel switch in fossil fuel-fired steam boiler systems	CM-079-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143457623882.pdf
Consolidated methodology for electricity generation from biomass residues in poweronly plants	CM-092-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143855908182.pdf
Co-firing of biomass residues for heat generation and/or electricity generation in grid connected power plants	CM-093-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143913642784.pdf
Distribution of biomass based stove and/or heater for household or institutional use	CM-095-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143943111911.pdf
Solar water heating systems	CMS-027-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132630946317.pdf
Solar cookers for households	CMS-028-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132644758994.pdf
Switching from high carbon intensive grid electricity to low carbon intensive fossil fuel	CMS-032-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132812260114.pdf
Substituting fossil fuel based lighting with LED/CFL lighting systems	CMS-033-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132827119679.pdf
Mechanical energy for the user with or without electrical energy	CMS-035-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132900120102.pdf
Electrification of rural communities using renewable energy	CMS-036-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132916964067.pdf
Fossil fuel switch in a cogeneration/trigeneration system	CMS-045-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133128903256.pdf
Electricity generation by the user	CMS-058-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133523437508.pdf
Shift from high carbon intensive fuel mix ratio to low carbon intensive fuel mix ratio	CMS-060-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133552875385.pdf
Switch from Non-Renewable Biomass for Thermal Applications by the User	CMS-062-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133629078973.pdf

Biogas/biomass thermal applications for households/small users	CMS-063-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133656891829.pdf
Switch from fossil fuel to biomass in existing manufacturing facilities	CMS-069-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133934940727.pdf
Swithing fossil fuel	CMS-072-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134024550737.pdf
Methodology for wood-based panel production replacing wood using waste crop straw	CM-100-V01	V1.0	25/02/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144547633423.pdf
GHG emission reductuion baseliane and monitoring methodology for pre-mixed concrete production process	CM-101-V01	V1.0	25/02/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144613888925.pdf
Greenfield energy storage power station in new or existing renewable power plant	CMS-080-V01	V1.0	25/02/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144806746380.pdf
Production and sales of biomass gas	CM-106-V01	V1.0	26/08/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160826132614070641.pdf
Supply side energy efficiency improvements–transmission and distribution	CMS-006-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171323136079.pdf
Electrification of communities through grid extension or construction of new mini-grids	CMS-020-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172234742629.pdf
Installation of high voltage direct current power transmission line	CM-036-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141013589262.pdf
Methodology for installation of energy efficient transformers in a power distribution grid	CM-083-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143600327810.pdf
Electrification of rural communities by grid extension	CMS-070-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133951737817.pdf
Newly built or retrofit electric power line using energy conservation wire and cable	CM-097-V01	V1.0	27/01/2015	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20150127153749263731.pdf
GHG emission reductuion methodology for UHV transmission system	CM-102-V01	V1.0	25/02/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144636171200.pdf

GHG emission reductuion methodology for distribution network using reactive power compensation device	CMS-079-V01	V1.0	25/02/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144741201919.pdf
Energy efficiency and fuel switching measures for agricultural facilities and activities	CMS-009-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171424220573.pdf
Energy efficiency measures in thermal applications of non-renewable biomass	CMS-010-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171442701630.pdf
Demand-side activities for efficient lighting technologies	CMS-011-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171459975618.pdf
Demand-side activities for efficient outdoor and street lighting technologies	CMS-012-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130313151808546182.pdf
Demand-side energy efficiency activities for installation of energy efficient lighting and/or controls in buildings	CMS-013-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171930829110.pdf
Dissemination of energy efficient household appliances	CMS-014-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172009384315.pdf
Low greenhouse gas emitting water purification systems	CMS-018-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172154164308.pdf
Air separation using cryogenic energy recovered from the vaporization of LNG	CM-035-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140957651558.pdf
Steam system efficiency improvements by replacing steam traps and returning condensate	CM-039-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141218747114.pdf
Baseline methodology for water pumping efficiency improvements	CM-040-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141231825406.pdf
AM0046：Distribution of efficient light bulbs to households	CM-043-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141313060309.pdf
Energy efficiency technologies and fuel switching in new buildings	CM-052-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142035034716.pdf
Baseline methodology for steam optimization systems	CM-056-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142339474577.pdf

Energy efficiency and fuel switching measures for buildings	CMS-029-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132658040414.pdf
Installation of co-generation or tri-generation systems supplying energy to commercial building	CMS-031-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132756541163.pdf
Energy efficiency and renewable energy measures in new residential buildings	CMS-041-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133028933738.pdf
Conversion from single cycle to combined cycle power generation	CMS-044-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133111121778.pdf
Demand-side energy efficiency activities for specific technologies	CMS-064-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133713782670.pdf
Increasing the blend in cement production	CM-002-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311164237269502.pdf
Consolidated baseline methodology for GHG emission reductions from waste energy recovery projects	CM-005-V02	V2.0	03/03/2016	V1.0	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160303093901685245.pdf
Consolidated baseline and monitoring methodology for project activities using alternative raw materials that do not contain carbonates for clinker production in cement kilns	CM-008-V02	V2.0	03/03/2016	V1.0	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160303161414362532.pdf
Methodology for gas based energy generation in an industrial facility	CM-016-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170123378912.pdf
Manufacturing of energy efficient domestic refrigerators	CM-021-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170408403350.pdf
Fossil fuel switch in existing manufacturing industries	CMS-015-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172034644760.pdf
Fuel switch, process improvement and energy efficiency in brick manufacture	CMS-019-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172213276402.pdf
Waste energy recovery (gas/heat/pressure) projects	CMS-025-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172501325013.pdf
Baseline methodology for grid connected electricity generation plants using natural gas	CM-038-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141049042840.pdf

Recovery and utilization of waste gas in refinery or gas plant	CM-045-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141342107556.pdf
Waste gas based combined cycle power plant in a Greenfield iron and steel plant	CM-067-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142756540367.pdf
Emissions reduction through partial substitution of fossil fuels with alternative fuels or less carbon intensive fuels in cement or quicklime manufacture	CM-070-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142849056664.pdf
Analysis of the least-cost fuel option for seasonally-operating biomass cogeneration plants	CM-071-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142901416198.pdf
Fuel switch from fossil fuels to biomass residues in heat generation equipment	CM-073-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143321982033.pdf
Consolidated baseline and monitoring methodology for fuel switching from coal or petroleum fuel to natural gas	CM-087-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143733454002.pdf
Energy efficiency measures through centralization of utility provisions of an industrial facility	CMS-037-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132931073623.pdf
Efficient utilization of waste energy in industrial facilities	CMS-038-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132944089414.pdf
Avoidance of methane release from charcoal production	CMS-050-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133302607580.pdf
Recovery and utilization of waste gas in refinery facilities	CMS-052-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133355295755.pdf
Decrease of coke consumption in blast furnace by installing dust/sludge recycling system in steel works	CMS-065-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133730189130.pdf
Emission reductions in hydraulic lime production	CMS-067-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133809689636.pdf
Methodology for preparation low carbon pre-mixed concrete using regeneration micropowder from construction waste to reduce the proportion of cement	CM-104-V01	V1.0	02/06/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160602134345400718.pdf
Biogenic methane injection to a natural gas distribution grid	CM-017-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170151909543.pdf

Reduction in consumption of electricity by recovering soda from paper manufacturing process	CMS-024-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172423978877.pdf
Feed switch in integrated Ammonia-urea manufacturing industry	CM-044-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141327966750.pdf
Recovery of CO2 from tail gas in industrial facilities to substitute the use of fossil fuels for production of CO2	CM-046-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141818079838.pdf
Substitution of CO2 from fossil or mineral origin by CO2 from renewable sources in the production of inorganic compounds	CM-058-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142523882163.pdf
Utilization of ammonia-plant off gas for steam generation	CM-068-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142817103130.pdf
Biogenic methane use as feedstock and fuel for town gas production	CM-085-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143658406678.pdf
Flare or vent reduction at coke plants through the conversion of their waste gas into dimethyl ether for use as a fuel	CM-089-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143806313797.pdf
Emission reductions through recovery of spent sulphuric acid	CMS-042-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133043043294.pdf
Avoidance of fossil fuel combustion for carbon dioxide production to be used as raw material for industrial processes	CMS-049-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133245997993.pdf
Electricity and/or heat generation using fuel cell	CMS-059-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133537547064.pdf
Hydrogen production using methane extracted from biogas	CMS-078-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134202270738.pdf
GHG emission reduction methodology for new technology of regenerative calcium carbide	CM-108-V01	V1.0	18/11/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20161118160137755517.pdf
Mass Rapid Transit Projects	CM-028-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140518179230.pdf
Bus rapid transit projects	CM-032-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140815478375.pdf

Modal shift in transportation of cargo from road transportation to water or rail transportation	CM-051-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142009471889.pdf
High speed passenger rail systems	CM-069-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142833525216.pdf
Introduction of Bio-CNG in transportation applications	CMS-030-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132716993782.pdf
Introduction of LNG buses to existing and new bus routes	CMS-034-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132842823005.pdf
Transportation Energy Efficiency Activities using Retrofit Technologies	CMS-039-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123132958964605.pdf
Transport energy efficiency activities using post - fit Idling Stop device	CMS-046-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133148919137.pdf
Transportation energy efficiency activities installing digital tachograph systems to commercial freight transport fleets	CMS-047-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133208060007.pdf
Emission reductions by electric and hybrid vehicles	CMS-048-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133224544593.pdf
Introduction of low-emission vehicles/technologies to commercial vehicle fleets	CMS-053-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133411014706.pdf
Plant oil production and use for transport applications	CMS-054-V01	V1.0	23/01/2014	N/A	CO_2、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133425124262.pdf
Cable Cars for Mass Rapid Transit System	CMS-055-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133439030690.pdf
GHG emission reduction methodology for electric vehicles charging stations and charging posts	CM-098-V01	V1.0	27/01/2015	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20150127153817016318.pdf
Bike sharing projects	CM-105-V01	V1.0	22/07/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160722084914951955.pdf
Emission reductions through improved efficiency of vehicle fleets	CMS-086-V01	V1.0	26/08/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160826132551539352.pdf

Methodology for improved electrical energy efficiency of an existing submerged electric arc furnace used for the production of silicon and ferro alloys	CM-074-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143338060364.pdf
GHG emission reductions through waste heat utilisation for pre-heating of raw materials in sponge iron manufacturing process	CM-082-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143544561983.pdf
GHG emission reductions methodology for metallized pellet production by metallurgical solid waste trreatment using Rotary Hearth Furnace	CMS-085-V01	V1.0	26/08/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160826132458331309.pdf
GHG emission reductions methodology for gas base shaft furnace direct reduction iron technology	CM-109-V01	V1.0	18/11/2016	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20161118160058586276.pdf
Capture and utilisation or destruction of methane of underground hard rock precious metal or base metal ore.	CM-020-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170345053015.pdf
Recovery and utilization of gas from oil wells that would otherwise be flared or vented	CM-029-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140602211044.pdf
Leak reduction from a natural gas pipeline compressor or gate station	CM-041-V01	V1.0	23/01/2014	N/A	CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141244184939.pdf
Leak reduction from a natural gas distribution grid by replacing old cast iron pipes or steel pipes without cathodic protection with polyethylene pipes	CM-042-V01	V1.0	23/01/2014	N/A	CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123141259685138.pdf
Recovery of gas from oil wells that would otherwise be vented or flared and its delivery to specific end-users	CM-065-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142717571118.pdf
Methane capture and destruction in non-hydrocarbon mining activities	CMS-056-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133452952743.pdf
GHG emission reductions for treatment of wastewater	CM-007-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165604578677.pdf
Methane recovery through controlled anaerobic digestion	CMS-016-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172056268997.pdf
Methane recovery in animal manure management systems	CMS-021-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172306762461.pdf
Landfill methane recovery	CMS-022-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172335526106.pdf

Avoidance of methane production from biomass decay through controlled pyrolysis	CMS-023-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172356734319.pdf
Alternative waste treatment processes	CM-072-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143306450584.pdf
Landfill gas project activities	CM-077-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143426810988.pdf
Mitigation of greenhouse gases emissions with treatment of wastewater in aerobic wastewater treatment plants	CM-088-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143751204229.pdf
Avoidance of landfill gas emissions by in-situ aeration of landfills	CM-091-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143834954789.pdf
Avoidance of landfill gas emissions by passive aeration of landfills	CM-094-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143927736714.pdf
Recovery and recycling of materials from solid wastes	CMS-061-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133611797502.pdf
Avoidance of methane emissions through excavating and composting of partially decayed municipal solid waste (MSW)	CMS-068-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133826517976.pdf
Methane oxidation layer (MOL) for solid waste disposal sites	CMS-071-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134008441156.pdf
Recovery and recycling of materials from E-waste	CMS-073-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134039535304.pdf
Methane avoidance through separation of solids from wastewater or manure treatment systems	CMS-074-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134054754249.pdf
Avoidance of methane emissions through composting	CMS-075-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134114348250.pdf
Methane recovery in wastewater treatment	CMS-076-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134131114089.pdf
Avoidance of methane production in wastewater treatment through replacement of anaerobic systems by aerobic systems	CMS-077-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123134148208058.pdf

Methodology for composting of livestock manure management	CMS-082-V01	V1.0	02/06/2016	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160602134307247536.pdf
GHG emission methodology for municipal solid waste treatment by radiation pyrolysis technology	CMS-084-V01	V1.0	26/08/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160826132349890394.pdf
Ecological restoration for small-scale non-mine area	CM-099-V01	V1.0	27/01/2015	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20150127153839101582.pdf
Methane emission reduction by adjusted water management practice in rice cultivation	CMS-017-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172121656449.pdf
Methane recovery in agricultural activities at household/small farm level	CMS-026-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311172524887361.pdf
Offsetting of synthetic nitrogen fertilizers by inoculant application in legumes-grass rotations on acidic soils on existing cropland	CMS-066-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133750314388.pdf
Emission reduction methodology for ruminant animals p[rojects	CMS-081-V01	V1.0	02/06/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160602134216547636.pdf
Emission reduction and sink increment methodology for conservation tillage	CMS-083-V01	V1.0	20/06/2016	N/A	CO_2、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160620131652384917.pdf
GHG emission reduction methodology for production and utilization of bio-natural gas using methane generated by manure management systems	CM-107-V01	V1.0	26/08/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160826134533203939.pdf
Natural gas-based package cogeneration	CM-030-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123140709586906.pdf
Biodiesel production and use for energy generation in stationary applications	CMS-005-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171255078475.pdf
GHG emission reductions through multi-site manure collection and treatment in a central plant	CM-086-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143716172530.pdf
Consolidated baseline methodology for GHG emission reductions from manure management systems	CM-090-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143819438965.pdf
Energy efficiency and fuel switching measures for industrial facilities	CMS-008-V01	V1.0	11/03/2013	N/A	CO_2	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311171402500331.pdf

Methodology for improved energy efficiency by modifying ferroalloy production facility	CM-084-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123145134996023.pdf
Avoided emissions from biomass wastes through use as feed stock in pulp and paper, cardboard, fibreboard or bio-oil production	CM-080-V01	V1.0	23/01/2014	N/A	CO_2、CH_4、N_2O	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123143514483473.pdf
Recovery and utilization of coke oven gas from coke plants for LNG production	CM-103-V01	V1.0	25/02/2016	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160225144709944131.pdf
Flare (or vent) reduction and utilization of gas from oil wells as a feedstock	CM-014-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311165959454111.pdf
Production of diesel using a mixed feedstock of gasoil and vegetable oil	CM-024-V01	V1.0	11/03/2013	N/A	CO_2、CH_4	http://www.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20130311170530893069.pdf
Production of biodiesel for use as fuel	CM-055-V01	V1.0	23/01/2014	N/A	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123142313036738.pdf
Biodiesel production and use for transport applications	CMS-043-V01	V1.0	23/01/2014	N/A	CO_2	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20140123133057043473.pdf
Consolidated methodology for coal bed methane, coal mine methane and ventilation air methane capture and use for power (electrical or motive) and heat and/or destruction through flaring or flameless oxidation	CM-003-V02	V2.0	03/03/2016	V1.0	CO_2、CH_4	http://cdm.ccchina.org.cn/archiver/cdmcn/UpFile/Files/Default/20160303093749455113.pdf

附

Annex

国家温室气体自愿减排交易注册登记管理办法

Administrative Measures for the Registry of China's Greenhouse gas Voluntary Emission Reduction Program

第一章 总 则

Chapter I General Principles

第一条 为了规范中国温室气体自愿减排交易活动，维护中国核证自愿减排量（以下简称“CCER”）权属和流转登记秩序，防范 CCER 注册登记风险，保障自愿减排交易市场安全、高效运行，制定本办法。

Article 1 The *Measures* are hereby formulated in order to regulate China's voluntary greenhouse gas emission reduction exchange, safeguard the order of registration of ownership and circulation of China’s Certified Emission Reduction (hereinafter referred to as

"CCER"), prevent CCER registration risks, and ensure the safety and efficient operation of CCER market.

第二条　经温室气体自愿减排交易国家主管部门备案的 CCER 及其衍生品种的登记，企业、机构团体和个人账户的管理，适用本办法。

Article 2　The *Measures* are applicable to the management of accounts of enterprises, institutional groups and individuals that have filed their registration of CCERs and derivative products therefrom at the competent national authority for CCER exchange.

第三条　CCER 注册登记须实行公平、安全、高效原则。

Article 3　The registration of CCER shall be based on the principles of fairness, safety and efficiency.

第四条　国家温室气体自愿减排交易注册登记管理机构（以下简称“自愿减排注册登记管理机构”）是为 CCER 权属和流转提供集中登记服务，不以营利为目的的机构。

温室气体自愿减排交易注册登记必须遵守相关法律法规、温室气体自愿减排交易国家主管部门出台的规定。

Article 4 The national authority for the management of registration of CCER exchange (hereinafter referred to as “CCER Registration Authority”) is a non-profit institution that provides centralized registration services for CCER ownership and circulation.

CCER registration must comply with the relevant laws and regulations as well as the stipulations issued by the competent national authority for CCER exchange.

第五条 国务院应对气候变化主管部门作为温室气体自愿减排交易国家主管部门，对自愿减排注册登记管理机构及 CCER 注册登记进行监督管理。

Article 5 The State Council’s climate change department, as the competent national authority for CCER exchange, shall supervise and manage the CCER Registration Authority and CCER registration.

第六条 自愿减排注册登记管理机构受国务院应对气候变化主管部门委托，负责运营维护国家温室气体自愿减排交易注册登记系统（以下简称“自愿减排注册登记系统”），保障自愿减排交易市场秩序，为指导开户代理机构和经备案的 CCER 交易机构开展相关工作提供必要支持。

Article 6　Entrusted by the State Council's climate change department, CCER Registration Authority shall be responsible for the operation and maintenance of the national Registry for CCER exchange (hereinafter referred to as "CCER Registry"), maintain the order of the CCER market, and provide necessary support for guiding the account opening agencies and the filed CCER exchange agencies in related work.

第七条　自愿减排注册登记管理机构应建立完善的自愿减排注册登记系统运维管理制度，以保证系统的正常运行。

Article 7　CCER Registration Authority shall establish a complete management policy system for the smooth operation and maintenance of CCER Registry.

第二章　自愿减排注册登记管理机构

Chapter II　CCER Registration Authority

第八条　自愿减排注册登记管理机构的设立和解散，必须经国务院应对气候变化主管部门批准。

Article 8 The establishment and dissolution of CCER Registration Authority must be approved by the State Council's climate change department.

第九条 自愿减排注册登记管理机构履行下列职能：

（一）自愿减排注册登记系统相关用户账户的设立和管理；

（二）CCER 的备案和流转登记；

（三）依法提供与 CCER 注册登记业务有关的信息查询、咨询和培训等服务；

（四）对自愿减排注册登记系统进行运维管理；

（五）国务院应对气候变化主管部门批准的其他业务。

Article 9 CCER Registration Authority shall perform the following functions:

(1) establishment and management of user accounts in the CCER Registry;

(2) CCER filing and circulation registration;

(3) services such as information inquiry, consultation and training related to the CCER registration business in accordance with the law;

(4) management of operation and maintenance for CCER Registry;

(5) other businesses approved by the State Council's climate change department.

第十条　自愿减排注册登记管理机构不得从事下列活动：

（一）以机构或个人名义在自愿减排注册登记系统开户及参与自愿减排交易；

（二）法律、行政法规和国务院应对气候变化主管部门禁止的其他行为。

Article 10　CCER Registration Authority shall not engage in the following activities:

(1) opening an account or participating in CCER exchange in the CCER Registry in the name of an institution or individual;

(2) other acts prohibited by laws, administrative regulations or by the State Council's climate change department .

第十一条　自愿减排注册登记管理机构的下列事项，应当报国务院应对气候变化主管部门批准：

（一）系统管理和业务规则的制定和修改；

（二）自愿减排注册登记系统与经备案的温室气体自愿

减排交易机构的交易系统对接和接口开通等业务；

（三）依法应当报国务院应对气候变化主管部门的其他事项。

Article 11 The following matters of CCER Registration Authority shall be reported to the State Council’s climate change department for approval:

(1) formulation and revision of policies for system management and business rules;

(2) businesses such as system integration and opening of interface between the CCER Registry and the exchange system of the filed CCER exchange agencies;

(3) other matters that shall be reported to the State Council’s climate change department.

第十二条 自愿减排注册登记管理机构的下列事项和文件，应当向国务院应对气候变化主管部门报告：

（一）运维管理细则；

（二）制定或修改业务管理制度、业务复原计划、紧急应对程序；

（三）发现重大业务风险和技术风险，发现重大违法违规行为，或涉及重大诉讼；

（四）系统运维情况的季度、半年度和年度工作报告；

（五）国务院应对气候变化主管部门要求报告的其他事项和文件。

Article 12 The following matters and documents of CCER Registration Authority shall be reported to the State Council’s climate change department:

(1) detailed management rules for operation and maintenance;

(2) formulation or revision of business management policies, business recovery plans, and emergency response procedures;

(3) occurrence of major business risks and technical risks, occurrence of major violations of laws and regulations, or involvement in major lawsuits;

(4) quarterly, semi-annual and annual work reports on the system’s operation and maintenance;

(5) other matters and documents required by the State Council’s climate change department.

第十三条 自愿减排注册登记管理机构应当妥善保存系统用户账户、CCER 登记以及注册登记业务相关的文件资料，保存期限不得少于 10 年。

Article 13 CCER Registration Authority shall properly keep the system's user accounts, CCER registration and related documents and files with a retention period no less than 10 years.

第十四条 自愿减排注册登记管理机构对 CCER 注册登记业务有关的数据和资料进行专属管理，未经国务院应对气候变化主管部门许可，任何机构和个人不得以任何形式披露和使用上述数据和资料。

Article 14 CCER Registration Authority shall exclusively manage the data and materials related to the CCER registration business. No organization or individual is allowed to disclose or use the above data and materials in any form without the permission of the State Council's climate change department.

第十五条 自愿减排注册登记管理机构、指定开户代理机构和经备案的交易机构及其工作人员依法对与 CCER 注册登记业务有关的数据和资料负有保密义务。

Article 15 CCER Registration Authority, the designated account opening agencies and the filed exchange agencies and their staff shall be obliged to

keep confidential the data and materials related to the CCER registration business.

第十六条　自愿减排注册登记管理机构应当拒绝CCER注册登记业务有关的数据和资料的查询请求，但有下列情形之一的，应当依法办理：

（一）自愿减排注册登记系统相关用户查询其本账户的有关CCER项目资料；

（二）国务院应对气候变化主管部门履行职责要求自愿减排注册登记管理机构提供CCER相关数据和资料；

（三）人民法院、人民检察院、公安机关和国务院应对气候变化主管部门依照法定的条件和程序进行查询和取证。

Article 16　CCER Registration Authority shall reject inquiry requests for data and materials related to the CCER registration business, except for any of the following cases, which shall be handled according to law:

(1) users of the CCER Registry inquire relevant CCER project information of their own accounts;

(2) CCER Registration Authority is required to provide relevant CCER data and materials as requested by the State Council’s climate change department;

(3) people's courts, people's procuratorates, public security organs, and the State Council's climate change department request for inquiries and taking evidences in accordance with statutory conditions and procedures.

第三章 账户管理

Chapter III Account Management

第十七条 自愿减排交易的相关参与方，即企业、机构团体和个人，须在自愿减排注册登记系统中开设账户，方可进行 CCER 的持有、转移、清缴和注销。

Article 17 Participants of CCER exchange, i.e. enterprises, institutional groups and individuals, shall open an account in the CCER Registry in order to hold, transfer, submit and cancel the CCERs.

第十八条 中国公民、在中国大陆地区注册的企业法人和事业单位法人、机构团体开立账户应当向任意一家开户指定代理机构提出申请。省级管理员账户的开立、交易所交付账户的开立应当由所在单位向自愿减排注册登记管理机构提出申请。

Article 18 Chinese citizens, legal persons of enterprises and public institutions registered in the Chinese mainland, and institutional groups shall submit an application to any of the designated account opening agencies for opening an account. The opening of the provincial-level admin account and the opening of the exchange delivery account shall be submitted by the applicant unit to CCER Registration Authority.

第十九条 账户开立申请者应当保证其提交的开户资料真实、完整、一致。

Article 19 Applicants for account opening shall ensure that the information submitted for account opening is authentic, complete and consistent.

第二十条 开户指定代理机构应对开户申请材料的完整性、一致性、真实性进行审核。若审核通过，指定代理机构在系统中录入信息并发起开户申请，自愿减排注册登记管理机构对开户发起申请进行确认。

Article 20 Designated account opening agencies shall review the completeness, consistency and authenticity of the application materials for account

opening. If such materials are approved after the review, such designated agencies shall enter the information in the system and initiate an account opening application, which will then be confirmed by CCER Registration Authority.

第二十一条　自愿减排注册登记管理机构应当制定并依据业务规则，对开户指定代理机构开立账户的活动进行监督。开户指定代理机构违反业务规则的，自愿减排注册登记管理机构可以根据业务规则对其提出限期整改意见，并提请国务院应对气候变化主管部门按照相关规定采取暂停或撤销其相关业务许可。

Article 21　CCER Registration Authority shall formulate business rules to supervise the activities of account opening conducted by designated account opening agencies. If such agencies violate the business rules, CCER Registration Authority may, according to the business rules, issue recommendations for rectifications and set a time limit for such rectifications, and submit to the State Council's climate change department for the suspending or revoking of the licenses for related businesses of such agencies in accordance with related regulations.

第二十二条　申请人在账户开立和使用过程中存在违规行为的，自愿减排注册登记管理机构应当依法对违规 CCER 账户采取限制使用、注销等处置措施。

Article 22　For irregularities of any applicant during the opening and use of the account, CCER Registration Authority shall take measures to restrict the use of or even cancel the CCER account of such applicant in accordance with the law.

第二十三条　自愿减排交易的利益相关方及从业人员不得申请开立自愿减排注册登记系统的机构或个人账户参与 CCER 交易 ,利益相关方包括但不限于国家自愿减排交易主管部门、经备案的 CCER 审定和核证机构、经备案的碳排放核查机构、指定开户代理机构和经备案的自愿减排交易机构等。

对于已在自愿减排注册登记系统中开设账户的，自愿减排注册登记管理机构有权依法对该类账户采取限制使用、注销等处置措施。

Article 23　Stakeholders and practitioners of CCER exchange shall not apply for the opening of institutional or individual accounts in CCER Registry to participate

in CCER exchange, including but not limited to the competent national authority for CCER exchange, the registered CCER validation and verification agencies, the registered carbon emissions verification agencies, the designated account opening agencies and the registered CCER exchange agencies.

CCER Registration Authority shall, in accordance with the law, have the right to restrict the use of or even cancel the accounts of the abovementioned stakeholders and their employees that have already opened accounts in the CCER Registry.

第四章 CCER 备案

Chapter IV CCER Filing

第二十四条 自愿减排注册登记管理机构应当依据业务规则将获得国务院应对气候变化主管部门备案的 CCER 签入指定账户，自愿减排注册登记管理机构通常应在不晚于收到 CCER 备案通知书后 10 个工作日内完成系统中指定账户的 CCER 签入工作。

Article 24 CCER Registration Authority shall, in accordance with business rules, sign in the CCERs filed at

the State Council’s climate change department to the designated account. Generally, the CCERs shall be signed in to the designated account within no later than 10 working days after CCER Registration Authority receives the CCER filing notice.

第二十五条　自愿减排注册登记管理机构应当制订备案 CCER 签入系统账户的业务规则和内部工作流程 ,确保签入账户的 CCER 信息真实准确。

Article 25　CCER Registration Authority shall formulate the business rules and internal work procedures for the filing of sign-in of CCERs in the system accounts, and ensure that the CCER information of the sign-in accounts is authentic and accurate.

第二十六条　作为项目和减排量备案主管机构，国务院应对气候变化主管部门应当向自愿减排注册登记管理机构提供符合系统 CCER 签入所需的数据。

Article 26　As the competent authority for the filing of CCER projects and CCERs, the State Council’s climate change department shall provide the CCER Registration

Authority with the data required for sign-in of CCERs to the system.

第二十七条　自愿减排注册登记管理机构及其工作人员须严格遵守国家、行业和主管部门制订的相关保密条款和保密协议的规定，未经授权不得向任何机构和个人泄露 CCER 数据。

Article 27　CCER Registration Authority and its staff shall strictly abide by the relevant confidentiality provisions and confidentiality agreements formulated by the state, the industry and the competent authorities, and shall not disclose CCER data to any institution or individual without authorization.

第五章　安全维护

Chapter V　Safety Maintenance

第二十七条　自愿减排注册登记系统运维团队应由业务运营和技术维护团队共同组成。

Article 27 The operation and maintenance team for CCER Registry shall consist of the business operation team and the technical maintenance team.

第二十八条 业务运营团队负责系统整体业务运营工作，具体工作包括账户开立和管理、CCER 签入、对账管理等系统日常业务管理。

Article 28 The business operation team is responsible for the overall business operation of the system. The specific work includes daily business management of the system, such as account opening and management, CCERs sign-in, and reconciliation management.

第二十九条 技术维护团队负责系统的日常维护工作、系统功能改进工作、故障处理工作等。

Article 29 The technical maintenance team is responsible for the routine maintenance of the system, the improvement of system functions, and troubleshooting.

第三十条 自愿减排注册登记系统运维团队须严格遵循国务院应对气候变化主管部门规定、业务规则及流程完成各项工作。

Article 30 The operation and maintenance team of CCER Registry shall strictly follow the regulations, business rules and procedures of the State Council's climate change department.

第六章 监督管理

Chapter VI Supervision and Management

第三十一条 自愿减排注册登记管理机构应及时向社会公布如下信息：开户指定代理机构名单及联系方式，自愿减排注册登记系统账户开立、变更、关闭流程，系统用户使用手册，CCER 自愿注销证书，系统维护和升级，CCER 抵消履约数据等。

Article 31 CCER Registration Authority shall promptly disclose the following information to the public: the list of designated account opening agencies and their contact information; procedures for the opening, alternation and closing of accounts in CCER Registry; the user manual of the system; certificate for voluntary cancellation of CCERs; system maintenance and upgrades; CCER offset performance data, etc.

第三十二条　自愿减排注册登记管理机构应协助自愿减排交易国家主管部门的自愿减排交易市场的监督管理工作，及时上报和披露可能影响市场重大变动的相关信息。

Article 32　CCER Registration Authority shall assist the competent national authority for CCER exchange in the supervision and management work of CCER market, and timely report and disclose relevant information that may affect major market changes.

第七章　附 则

Chapter VII　Supplementary

第三十三条　本办法自印发之日起施行。

Article 33　The *Measures* shall come into force as of the date of issuance.

国家温室气体自愿减排交易注册登记管理机构

National Authority for the Management of

Registration of CCER Exchange

2015 年 1 月 3 日

January 3, 2015