

附件：

绿色债券存续期信息披露指南

引 言

为维护绿色债券市场秩序，规范绿色债券信息披露行为，保护市场参与者权益，依据《公司信用类债券信息披露管理办法》《中国人民银行公告〔2015〕第 39 号》《中国绿色债券原则》《非金融企业绿色债务融资工具业务指引》《上海证券交易所公司债券发行上市审核规则适用指引第 2 号—专项品种公司债券》《深圳证券交易所公司债券发行上市审核业务指引第 7 号—专项品种公司债券》等规定，绿色债券标准委员会组织市场成员制定《绿色债券存续期信息披露指南》（以下简称《指南》）。

本《指南》是供市场主体参考使用的绿色债券存续期信息披露方法，旨在进一步提高绿色债券募集资金使用透明度，确保募集资金 100%用于绿色项目，推动中国绿色债券市场高质量发展。

本《指南》所称绿色债券是指募集资金专门用于支持符合规定条件的绿色产业、绿色项目或绿色经济活动，依照法定程序发行并按约定还本付息的有价证券。

本《指南》项下绿色债券品种包括但不限于普通绿色债券（含蓝色债券、碳中和债）、碳收益绿色债券（环境权益相关的绿色债券）、绿色项目收益债券及绿色资产支持证券等。

本《指南》为绿色债券年度信息披露参考性文本，发行人应将相关披露文件按照债券主管部门及本《指南》的要求通过各自

指定渠道向市场披露。季度或半年度信息披露文件可参照执行。

本《指南》由绿色债券标准委员会各成员单位及其他相关机构共同合作完成，并经绿色债券标准委员会会议审议通过。

一、总体要求

发行人应当于每年4月30日¹前通过绿色债券主管部门认可的渠道或平台对定期报告批准报出日存续的及逾期未偿还的绿色债券信息进行披露，披露内容包括但不限于绿色债券基本情况、募集资金整体使用情况、绿色募投项目进展与环境效益情况、募集资金管理情况等，并对所披露内容进行分析与展示；披露形式可以在存续期年度报告中进行披露，也可单独披露，应当符合绿色债券主管部门的规定；披露过程中可能涉及国家安全、商业秘密等敏感信息可豁免披露。

二、披露要点

1、发行人披露报告期内绿色债券基本情况及募集资金整体使用情况，并说明各项用途是否与发行文件承诺或披露的最新用途一致。如募集资金用途发生变更，需进一步说明按照规定履行相关变更程序的情况，变更后募集资金仍应符合绿色债券要求。

2、发行人披露报告期内绿色债券对应绿色项目详情及环境效益情况，介绍项目的详细情况、环境效益测算方法、预期与/或实际的环境效益等信息，符合规定情形的发行人应当依法披露环境信息。

3、发行人披露报告期内绿色债券对应绿色项目及运营主体是否发生重大污染责任事故、因环境问题受到行政处罚的情况和其他环境违法事件等信息，及是否会对偿债产生重大影响。

¹熊猫债存续期披露时间节点按照债券主管部门相关要求信息进行披露。

4、发行人披露报告期内绿色债券募集资金管理情况，包括募集资金管理方式及具体安排，募集资金的存放及执行情况。

5、鼓励发行人在报告中披露报告期内绿色债券的评估认证机构，并向市场披露评估认证机构出具的存续期评估认证报告。

6、鼓励发行人在报告中披露绿色发展与转型升级相关的公司治理信息。

三、适用范围

本《指南》适用于发行人在中国境内发行的绿色债券，发行人及相关中介机构应根据本《指南》做好信息披露工作，境外机构在境内发行的绿色债券另有规定或约定的，从其规定或约定。

绿色债券存续期定期报告模板

一、基本情况

发行人报告期内绿色债券基本情况，涵盖内容包括但不限于：

- 发行人报告期内存续的及逾期未偿还的绿色债券；
- 绿色债券名称、简称、代码、发行日、起息日、到期日、债券余额、利率、付息兑付方式、交易场所、主承销商、存续期管理机构（如有）、受托管理人（如有）；发行人有逾期未偿还绿色债券的，应当说明未偿还余额、未按期偿还的原因及处置进展等情况。

二、募集资金整体使用情况

募集资金使用情况，涵盖内容包括但不限于：

- 发行人按债项逐一披露截至报告期末的绿色债券募集资金使用情况，包括债券简称、募集资金总金额、已使用金额、未使用金额²、绿色项目数量、绿色项目名称等情况；

表 1 募集资金使用情况（截至 XX 年 X 月 X 日）

单位：亿元

债券简称	募集总金额	已使用金额	未使用金额	绿色项目数量	绿色项目名称	是否与承诺用途或最新披露用途一致	备注

注：绿色金融债存在募集资金回收再投放情况，若已使用金额超过发行金额，可在备注内进行补充说明。

- 募集资金用途变更情况，包括变更后用途是否全部用于绿色项目，变更履行的程序、变更事项公告披露等情况；

²未使用金额指拟投向绿色项目中未使用的募集资金金额。

表 2 募集资金用途变更情况

债券简称	变更后用途是否用于绿色项目	变更履行的程序	变更事项是否披露	变更公告披露时间

注：同一期债券募集资金用途发生多次变更的，应逐项列明每一次变更情形。

- 报告期内闲置资金³金额、闲置资金存放、管理及使用计划情况,闲置资金包括发行后未投放到项目和绿色金融债投放资金回收后未再投放到项目的资金情况;

- 发行人认为应披露的其他信息。

三、募投项目进展与环境效益情况

披露募投绿色项目情况，涵盖内容包括但不限于：

1、募投项目进展情况

- 募集资金所投向的绿色项目进展情况，应按不同债项对应募投项目进行逐一披露，披露内容包括但不限于各项目概述、所属目录类别，项目所处地区、投资、建设、现状及运营详情等，若不同债项用于相同或同类型绿色项目，可合并披露；

- 报告期内募集资金所投向的绿色项目发生重大污染责任事故、因环境问题受到行政处罚的情况和其他环境违法事件等信息，及是否会对偿债产生重大影响（如有）；

- 发行人聘请评估认证机构相关情况（如有）；

- 针对绿色金融债券，募集资金投放金额排名前 10%的项目，以及投放金额在 5000 万元及以上或占绿色金融债券存量规模 1%及以上的项目，按照以上要求进行披露；对于其他项目，发行人

³闲置资金指未使用金额。

可按目录类别进行归纳披露，披露内容包括但不限于各类别投放金额、区域分布、预期或实际环境效益等；

- 发行人认为应披露的其他信息。

2、募投项目整体环境效益

- 募集资金所投向的绿色项目环境效益，所遴选的绿色项目环境效益测算的标准、方法、依据和重要前提条件，测算方法等需按照行业公认标准执行；

- 募集资金所投向的绿色项目预期与/或实际环境效益情况，绿色项目环境效益可通过定量指标与定性指标相结合的方式进行披露，具体环境效益指标参见附表，若为定量指标，需披露定量指标值，无法披露的指标需进行说明；若为定性描述的，应从多维度描述间接环境效益；

- 针对可定量计算的环境效益指标，发行人需根据债券实际投向绿色募投项目规模、项目总投资额、项目建成后的年环境效益，对债券存续期所形成的年度环境效益进行测算，计算公式为：

$$\text{债券存续期实际形成的年环境效益} = \frac{\text{实际投向绿色募投项目规模}}{\text{项目总投资额}} \times \text{项目建成后的年环境效益}$$

- 若报告期内，绿色项目运营时间不足一年的，需要按运营时间占全年的比例折算成年环境效益进行披露；若绿色债券发行期限不满一年的，需要按发行天数占全年天数的比例折算年环境效益进行披露；

- 对于定量环境效益，若存续期环境效益与注册发行时披露效益发生重大变化（变动幅度超 15%）需披露说明原因；

- 若为以绿色项目所产生的现金流作为收益支持的资产支持证券，需参照“三、募投项目进展与环境效益情况”披露基础

资产情况，无需披露募集资金整体使用情况、募集资金管理情况。

四、募集资金管理情况

报告期内募集资金管理情况，涵盖内容包括但不限于：

- 募集资金管理方式及具体安排；
- 募集资金的存放及执行情况；
- 发行人认为应披露的其他信息。

五、存续期评估认证情况（若有）

按不同债项对募投绿色项目进行逐一披露，涵盖内容包括但不限于：

- 评估认证机构基本情况；
- 评估认证内容及评估结论。

六、绿色发展与转型升级相关的公司治理信息（若有）

- 绿色发展与转型升级相关的公司治理信息；
- 发行人如被列入环境信息依法披露企业名单，应披露年度环境信息的索引链接。

本公司承诺绿色债券募集资金全部用于约定绿色项目，本报告内容不存在任何虚假记载、误导性陈述或者重大遗漏，并对其内容的真实性、准确性和完整性承担相应的法律责任。

附表:

环境效益信息披露指标

三级目录	子项目类型	节能降碳		大气污染物减排				节水	水污染物减排				其他	
		节能量 (替代 化石能 源量)	二氧 化碳 (当 量)	二 氧 化 硫	氮 氧 化 物	颗 粒 物	挥 发 性 有 机 物	节水量	化学需 氧量	氨 氮	总 磷	总 氮	其他核心指标	其他情况
1.1.1 高效节能装备制造	/													★定性描述 (装备/设备的能效指标、对应国家标准、是否属于先进值/一级能效等定性表述)
1.1.2 工业节能改造	/	★	★	√	√	√								
1.1.3 用电设施节能	/	★	★	√	√	√								
1.2.1 绿色建筑材料	/													★定性描述
1.3.1 先进环保装备制造	/													★定性描述
1.3.2 水污染治理	/								★	★	★	√		
1.3.3 大气污染治理	交通源			★	★	★								
	扬尘治理					★								
	油烟污染治理					★	★							

1.3.4 土壤污染治理及其他污染治理	土壤污染治理						√						★治理面积（平方米）	
	噪声污染治理													★定性描述
	恶臭污染治理						★						★治理面积（平方米）	
1.3.5 农业农村环境综合治理	污水处理类								★	★	★	√		
	固废处理类	√	√										★固废处理量 ★固废循环利用量	
1.4.1 非常规水资源利用	/							★					★水资源循环利用量	
1.5.1 资源循环利用装备制造	/													★定性描述
1.5.2 固体废弃物综合利用	/	√	√										★固废处理量 ★固废循环利用量	
1.5.3 生物质资源综合利用	/	★	★										★固废处理量 ★固废循环利用量	
1.6.1 新能源汽车和绿色船舶制造	/													★定性描述
2.1.1 生产过程大气污染防治	脱硫脱硝除尘			★	★	★								
	挥发性有机物						★							
2.1.2 生产过程水污染治理	/								★	★	★	√		√定性描述（可根据具体行业或项目，披露给定指标之外的特征水

														体污染物的削减量)
2.1.3 工业园区污染治理	侧重循环经济	√	√										★固废处理量 ★固废循环利用量	
	侧重清洁生产	★	★	√	√	√			√	√				
2.1.4 无毒无害原料替代与危险废物治理	无毒无害原料替代												★无毒无害原料生产与替代使用量	
	危险废物治理												★危废处理处置量	
2.2.1 农业农村环境综合治理	农药生产													★定性描述
	农药使用												★减少/替代化学农药施用量	
	农业污水相关处理								★	★	★	√		
	农膜禽污等固废处理	√	√										★固废处理量 ★固废循环利用量	
2.3.1 固体废弃物综合利用	/	√	√										★固废处理量 ★固废循环利用量	
2.3.2 工业园区资源综合利用	/	√	√										★固废处理量 ★固废循环利用量 ★水资源循环利用量	
2.4.1 工业节水	/							★						

3.1.1 电力设施节能	电网设备制造												★定性描述
	电网建设运营	★	★	√	√	√							√定性描述(可披露线损率等电网技术指标)
3.2.1 新能源与清洁能源装备制造	/												★定性描述
3.2.2 可再生能源设施建设与运营	/	★	★	√	√	√							
3.2.3 清洁能源高效运行	/	★	★	√	√	√							
4.1.1 农业资源保护	农业林业畜牧业种质保护											★生物物种保护量(种)	
	农业保护地保护及整治											★治理/保护面积(平方米)	
	有害生物灾害防治											★入侵/有害物种削减量(种)	
4.1.2 农业农村环境综合治理	/											★减少/替代化学农药施用量	
4.1.3 绿色农产品供给	/												★定性描述(可披露产量、种养殖面积等)
4.2.1 自然生态系统保护和修复	/											★治理/保护面积(平方米) ★固碳量	★定性描述(生物多样性相关指标等)
4.2.2 生态产品供给	/											★固碳量	
5.1.1 城镇电力设施和用能设施节能	/	★	★	√	√	√							
5.2.1 建筑节能与绿色	/	★	★	√	√	√		√					√定性描述(可补充非

建筑													传统水资源使用量、可再循环建筑材料用量，等情况)
5.3.1 城镇环境基础设施	污水处理类								★	★	★	√	
	固废处理类												★固废处理量 ★固废循环利用量
5.4.1 水资源节约	/							★					
5.4.2 海绵城市	/							√					★水资源循环利用量 ★年径流污染去除率(%) ★年径流总量控制率(%)
5.5.1 城乡公共客运和货运	/	★	★	√	√	√							
5.5.2 铁路交通	/	★	★	√	√	√							
5.5.3 水路和航空运输	/	★	★	√	√	√							
5.5.4 清洁能源汽车配套设施	/	√	√	√	√	√							★定性描述
5.6.1 城市生态保护与建设	/												★绿化面积(平方米) ★固碳量
6.1.1 绿色咨询技术服务	/												★定性描述
6.2.1 绿色运营管理服	/												★定性描述

务														
6.2.2 环境权益交易服务	/													★定性描述
6.3.1 项目评估审计核查服务	/													★定性描述
6.4.1 监测检测服务	/													★定性描述
6.5.1 技术产品认证和推广服务	/													★定性描述

注：

①**目录划分**：本指南在《绿色债券支持项目目录（2021年版）》47项三级目录的基础上，对部分仍包含多种项目类型的三级目录，根据涉及环境要素的差异或处理污染物类型的差别进行再分类，目前共设置62项分类。

②**指标设置**：本指南设置了25项指标，并将环境效益指标设置**必选**披露指标（标识“★”）与**可选**披露指标（“√”）。其中，**必选**披露指标为必须披露的环境效益指标，若无法披露的需进行说明，**可选**披露指标为发行人可以选择披露的环境效益指标。

③**指标分类**：本指南对单独列示的11项环境效益指标进行了**分类归总**，如表格所示分为四大类，即：**节能降碳**（包括：节能量（替代化石能源量）、二氧化碳（当量））、**大气污染物减排**（包括：二氧化硫、氮氧化物、颗粒物、挥发性有机物）、**节水**（包括：节水量）、**水污染物减排**（包括：化学需氧量、氨氮、总磷、总氮）。

④**指标单位**：除了已标识的指标之外，本表格内各项披露指标的计量单位均为“吨”。

Guidelines on Ongoing Information Disclosure During the Life of Green Bonds

Introduction

In order to regulate the disclosure of green bond information and protect the rights and interests of market participants, **The Green Bond Standards Committee cooperated with market members and developed the "Guidelines on Ongoing Information Disclosure During the Life of Green Bonds"** (hereinafter referred to as the "Guidelines") referred to the "Management Measures for Information Disclosure of Corporate Credit Bonds", "Announcement of the People's Bank of China [2015] No. 39", "Principles of China Green Bonds", "Guidelines for the Business of Green Debt Financing Instruments for Non financial Enterprises", "Guidelines for the Application of the Review Rules for the Issuance and Listing of Corporate Bonds on the Shanghai Stock Exchange No.2-Special Varieties of Corporate Bonds", "Guidelines for the Application of the Review Business for the Issuance and Listing of Corporate Bonds on the Shenzhen Stock Exchange No.7-Special Varieties of Corporate Bonds" and other regulations.

The Guidelines is a reference method for market entities to disclose the ongoing information of green bonds, aiming to improve the transparency

of the use of green bond proceeds, ensure that 100% of the proceeds is used for green projects, and promote the high-quality development of China's green bond market.

The green bonds in the Guidelines refer to securities that are specifically raised to support green industries, green projects, or green economic activities that meet the prescribed conditions, and are issued in accordance with legal procedures, with agreed repayment of principal and interest.

The types of green bonds in the Guidelines include but are not limited to ordinary green bonds (including blue bonds and carbon neutral bonds), carbon revenue green bonds (green bonds related to environmental benefits), green project revenue bonds, and green asset backed securities.

The Guidelines is a reference text for annual information disclosure of green bonds. Issuers should disclose relevant documents to the market through their designated channels in accordance with the requirements of the bond regulatory authorities and the Guidelines. Quarterly or semi-annual information disclosure documents can be referred to and executed.

The guidelines was jointly completed by members of the Green Bond Standards Committee and other relevant institutions, and was reviewed

and approved by the Green Bond Standards Committee meeting.

1. General Requirements

Issuers shall disclose information of the normal and overdue green bonds that are approved and outstanding on the date of approval through channels or platforms recognized by the green bond regulatory authorities before April 30th of each year¹. The disclosure content includes but is not limited to the basic information of the green bonds, the overall use of the proceeds, the progress and environmental benefits of the relevant green projects, the management of the proceeds, etc., and the analysis and display of the disclosed content. The aforementioned content can be disclosed in the annual report during the outstanding period, or disclosed separately, and should comply with the regulations of the green bond competent department; Sensitive information such as national security and trade secrets may be exempted from disclosure during the disclosure process.

2. Principal lines of disclosure

2.1 The issuer shall disclose the basic information of the green bond and the overall use of proceeds during the reporting period, and explain whether the various uses are consistent with the latest uses promised or disclosed in the issuance documents. If the purpose of the proceeds

¹ The disclosure time node for the disclosure of the ongoing information of the Panda Bond shall be in accordance with the relevant requirements of the competent department of bonds.

changes, it is necessary to further explain the implementation of relevant change procedures in accordance with regulations. After the change, the arrangements of proceeds should still meet the requirements of green bonds.

2.2 The issuer shall disclose the details and environmental benefits of the green projects corresponding to the green bonds during the outstanding period of green bonds, specifically, introducing the detailed information of the projects, environmental benefit calculation methods, expected and/or actual environmental benefits, etc. If the issuer meets the prescribed conditions, it shall disclose environmental information in accordance with the law.

2.3 The issuer shall disclose information on whether there have been major pollution liability accidents, administrative penalties for environmental issues, and other environmental violations related to the corresponding green projects and operating entities of the green bonds during the reporting period, and whether it will have a significant impact on debt repayment.

2.4 The issuer shall disclose the management of the proceeds for green bonds during the reporting period, including the management methods and specific arrangements for the proceeds, as well as the storage and execution of the proceeds.

2.5 It is encouraged that issuers disclose the evaluation and certification agencies for green bonds during the reporting period in their reports, and the ongoing evaluation and certification reports issued by the evaluation and certification agencies to the market.

2.6 Issuers are encouraged to disclose corporate governance information related to green development and transformation and upgrading in their reports.

3. Scope of application

This Guide is applicable to green bonds issued by issuers within China. Issuers and relevant intermediary agencies should disclose information in accordance with this Guidelines. If there are other regulations or agreements on green bonds issued by overseas institutions within China, such regulations or agreements shall prevail.

Regular Disclosure Report Template for the Ongoing Green Bonds

1. Basic information

The basic information during the life of the Green Bonds, including but not limited to:

- Continuous and overdue green bonds of the issuer during the reporting period;
- Name, abbreviation, code, issuance date, value date, maturity date, bond balance, interest rate, interest payment method, trading venue, lead underwriter, post-issuance management institution (if any), and trustee (if any) of green bonds. If the issuer fails to repay the green bonds on time, it shall explain the outstanding balance, the reasons for the failure to repay on time, and the progress of disposal, etc..

2. Overall use of the proceeds

Overall usage of the proceeds, including but not limited to:

- The issuer shall disclose the usage of green bond raised funds as of the end of the reporting period, including the bond abbreviation, total amount of the proceeds, used amount, unused amount², number of green projects, name of green projects, etc., one by one according to the debt;

- **Form 1: Usage of the proceeds** (As of MM/DD/YYYY) **Unit:** 100 million ¥

² Unused amount refers to the amount of unused raised funds intended for investment in green projects.

Bond abbreviation	Total amount of the proceeds	Used amount	unused amount	number of green projects	name of green projects	consistency with the promised use or the latest disclosed use	remarks

Note: There is a situation where the raised funds are recovered and re-invested in green financial bonds. If the amount used exceeds the issuance amount, additional explanations can be provided in the remarks.

- The change in the use of the proceeds, including whether all the purposes after the change are used for green projects, the procedures for changing, and the disclosure of changes in announcements;

• **Form 2: Changes in the use of the proceeds**

Bond abbreviation	Whether the proceeds used for green projects after the change in purpose	Procedure of the change	Whether the change is disclosed	Disclosure date of the announcement

Note: If there are multiple changes in the purpose of proceeds for the same bond, each change should be itemized.

- The amount of idle proceeds³, their storage, management, and usage plan during the reporting period, including proceeds that have not been invested in the project after issuance and that have not been invested in the project after the recovery of green financial bond investment;
- Other information that the issuer believes should be disclosed.

3. Progress of relevant projects and environmental benefits

Disclose the information of relevant green projects, including but not limited to:

3.1 Progress of the relevant projects

- The progress of the green projects invested by the proceeds should be disclosed one by one according to the corresponding projects of different debts. The disclosure content includes but is not limited to the overview of each project, its category in the catalogue, the location of the project, investment, construction, current status, and operational details. If different debts are used for the same or the same type of green projects, they can be disclosed together;
- Information on major pollution liability accidents, administrative penalties for environmental issues, and other environmental violations of the green projects invested in by the proceeds during the reporting period, and whether they will have a significant impact on debt repayment (if any);

³ Unused amount.

- Information on the issuer's hiring of evaluation and certification agencies (if any);

- For green financial bonds, projects with the top 10% investment amount of proceeds, as well as projects with investment amounts of 50 million yuan or more or accounting for 1% or more of the existing scale of green finance bonds, shall be disclosed in accordance with the above requirements; For other projects, the issuer may classify and disclose them by category in the catalogue, including but not limited to the amount invested in each category, regional distribution, expected or actual environmental benefits, etc;

- Other information that the issuer believes should be disclosed.

3.2 Overall environmental benefits of green projects

- The environmental benefits of the green projects invested in by the proceeds, as well as the standards, methods, basis, and important prerequisites for calculating the environmental benefits of the selected green projects, must be carried out in accordance with industry recognized standards;

- The expected and/or actual environmental benefits of the green project invested by the proceeds can be disclosed through a combination of quantitative and qualitative indicators. The specific environmental benefits indicators can be referred to the attached table. If they are quantitative indicators, the issuer should disclose the quantitative indicator values, and explain the indicators that cannot be disclosed; If it

is a qualitative description, the issuer should describe those indirect environmental benefits from multiple dimensions;

- For quantifiable environmental benefit indicators, the issuer needs to calculate the annual environmental benefits on the bond's outstanding period based on the actual scale of the green project invested in, the total investment amount of the project, and the annual environmental benefits after the project is completed. The calculation formula is:

$$\begin{aligned} & \text{Actual annual environmental benefits on the bond's outstanding period} \\ &= \frac{\text{actual amount invested to the green project}}{\text{Total investment of the green project}} \\ & \times \text{annual environmental benefits after the project is completed} \end{aligned}$$

- If the duration of the green project operates less than one year during the reporting period, the environmental benefits of the green project that the issuer disclosed need to be converted into annualized environmental benefits based on the proportion of operating time to the entire year; If the issuance period of the green bond is less than one year, the annual environmental benefits need to be disclosed based on the proportion of issuance days to the total number of days in the year;

- For quantitative environmental benefits, if there is a significant change in the environmental benefits during the existence period compared to the disclosed benefits at the time of registration and issuance (with a change rate exceeding 15%), the reasons for the change must be disclosed;

- If the asset backed securities are supported by the cash flow generated by green projects, it is necessary to disclose information of the

basic asset according to "III. Progress and Environmental Benefits of Fundraising Projects", without disclosing the overall use of raised funds or the management of raised funds.

4. Management of proceeds

The management requirements of proceeds during the reporting period, including but not limited to:

- Management methods and specific arrangements for proceeds;
- The storage and execution of proceeds;
- Other information that the issuer believes should be disclosed.

5. Ongoing evaluation and certification status (if any)

Disclose the green projects invested one by one according to different debts, including but not limited to:

- Information of the evaluation and certification agency;
- Certification content and evaluation conclusion.

6. Corporate governance information related to green development and transformation and upgrading (if any)

- Corporate governance information related to green development and transformation and upgrading;
- If the issuer is included in the list of enterprises that disclose environmental information in accordance with the law, it shall disclose

the index link of annual environmental information.

Our company promises that all funds raised from green bonds will be used for the agreed green projects. There are no false records, misleading statements, or major omissions in the content of this report, and we assume corresponding legal responsibility for the authenticity, accuracy, and completeness of its content.

Appendix:

Environmental Benefit Information Disclosure Indicators

Third Level Catalogue	Type of Sub Project	Energy Saving and Carbon Reduction		Emission Reduction of Atmospheric Pollutants				Water Saving	Water Pollutant Reduction				Other	
		Energy savings (replacing fossil fuels)	CO2 (equivalent)	SO ₂	NOx	P M	VO Cs	Water Saving Amount	Chemical Oxygen Demand	Amm onia Nitro gen	Total Phosp horus	Total Nitrogen	Other Core Indicators	Other Situations
1.1.1 Manufacture of energy-saving equipment	/													★Qualitative description(Qualitative expressions such as energy efficiency indicators of equipment, corresponding national standards, whether it belongs to advanced value/first level

														energy efficiency, etc.)
1.1.2 Industrial energy-saving transformation	/	★	★	√	√	√								
1.1.3 Energy saving of electrical facilities	/	★	★	√	√	√								
1.2.1 Green building materials	/													★Qualitative description
1.3.1 Manufacturing of advanced environmental protection equipment	/													★Qualitative description
1.3.2 Water pollution control	/								★	★	★	√		
1.3.3 Air pollution control	traffic source			★	★	★								
	Dust control					★								
	Oil fume pollution control					★	★							
1.3.4 Soil and other pollution control	Soil pollution control						√						★Governance area (m²)	
	Noise pollution control													★Qualitative description
	Odor pollution control						★						★Governance area	

												(m²)	
1.3.5 Comprehensive Management of Agriculture and Rural Environment	Sewage treatment							★	★	★	√		
	Solid waste treatment	√	√									★Solid waste treatment capacity ★Solid waste recycling capacity	
1.4.1 Unconventional water resource utilization	/						★					★Water resource recycling capacity	
1.5.1 Manufacturing of resource recycling equipment	/												★Qualitative description
1.5.2 Solid wastes integrated utilization	/	√	√									★Solid waste treatment capacity ★Solid waste recycling capacity	

1.5.3 Comprehensive utilization of biomass resources	/	★	★										★Solid waste treatment capacity ★Solid waste recycling capacity	
1.6.1 Manufacturing of new energy vehicles and green ship	/													★Qualitative description
2.1.1 Air pollution control during production process	Desulfurization, denitrification, and dust removal			★	★	★								
	Volatile Organic Compounds						★							
2.1.2 Water pollution control during production process	/								★	★	★	√		√Qualitative description(The reduction amount of characteristic water pollutants beyond the given indicators can be disclosed based on

														specific industries or projects)
2.1.3 Pollution control in industrial parks	Focusing on circular economy	√	√										★Solid waste treatment capacity ★Solid waste recycling capacity	
	Focusing on clean production	★	★	√	√	√			√	√				
2.1.4 Non-toxic and harmless raw material substitution and hazardous waste management	Non-toxic and harmless raw material substitution												★Producti on and alternative usage of non-toxic and harmless raw materials	
	Hazardous waste management												★Hazardous waste treatment and	

													disposal volume	
2.2.1 Comprehensive Management of Agriculture and Rural Environment	Pesticide production													★Qualitative description
	Pesticide application												★Reduce/ replace the application of chemical pesticides	
	Agricultural sewage related treatment								★	★	★	√		
	Solid waste treatment such as agricultural film and poultry pollution	√	√										★Solid waste treatment capacity ★Solid waste recycling capacity	
2.3.1 Solid wastes integrated utilization	/	√	√										★Solid waste treatment capacity ★Solid	

													waste recycling capacity	
2.3.2 Comprehensive utilization of industrial park resources	/	√	√										★Solid waste treatment capacity ★Solid waste recycling capacity ★Water resource recycling capacity	
2.4.1 Industrial water saving	/							★						
3.1.1 Energy conservation of power facilities	Manufacturing of power grid equipment													★Qualitative description
	Power grid construction and operation	★	★	√	√	√								√Qualitative description(Network technical indicators such as line loss rate can be disclosed)

3.2.1 Manufacturing of new energy and clean energy equipment	/												★Qualitative description
3.2.2 Construction and operation of renewable energy facilities	/	★	★	√	√	√							
3.2.3 Efficient operation of clean energy	/	★	★	√	√	√							
4.1.1 Protection of Agricultural resources	Germplasm protection in agriculture, forestry, animal husbandry												★Conservation amount of biological species (species)
	Protection and remediation of agricultural protected areas												★Governance/Protection area (m²)
	Prevention and control of harmful biological disasters												★Reduction of invasive/harmful species (species)
4.1.2 Comprehensive management of	/												★Reduce/replace the

agriculture and rural environment													application of chemical pesticides	
4.1.3 Supply of green agricultural products	/													★Qualitative description(Output , breeding area, etc. can be disclosed)
4.2.1 Protection and restoration of natural ecosystems	/												★Governance/Protection area (m²)★Carbon sequestration	★Qualitative description(Biodiversity related indicators, etc.)
4.2.2 Ecological product supply	/												★Carbon sequestration	
5.1.1 Energy conservation of urban power facilities and energy consumption facilities	/	★	★	√	√	√								
5.2.1 Building energy efficiency and green	/	★	★	√	√	√		√						√Qualitative description(Supple

buildings													mentary information on non-traditional water resource usage, recyclable building materials usage, etc.)
5.3.1 Urban environmental infrastructure	Sewage treatment								★	★	★	√	
	Solid waste treatment												★Solid waste treatment capacity ★Solid waste recycling capacity
5.4.1 Water conservation	/							★					
5.4.2 Sponge city	/							√					★Water resource recycling capacity ★Annual runoff pollution removal

													rate (%) ★ Annual total runoff control rate (%)	
5.5.1 Urban and rural public passenger and freight transportation	/	★	★	√	√	√								
5.5.2 Railway transportation	/	★	★	√	√	√								
5.5.3 Water and air transportation	/	★	★	√	√	√								
5.5.4 Supporting facilities for clean energy vehicles	/	√	√	√	√	√								★Qualitative description
5.6.1 Urban ecological protection and construction	/												★Greenin g area (m²) ★Carbon sequestrati on	
6.1.1 Green consulting technology services	/													★Qualitative description
6.2.1 Green operations management services	/													★Qualitative description
6.2.2 Environmental rights trading services	/													★Qualitative description
6.3.1 Project evaluation,	/													★Qualitative

[illegible]