





上海临港经济发展(集团)有限公司 Shanghai Lingang Economic Development (Group) Co., Ltd.

可持续发展融资框架 Sustainable Financing Framework

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1. Introduction 基本简介

1.1 About Lingang Group 关于临港集团

Established in 2003, Shanghai Lingang Economic Development (Group) Co., Ltd. ('Lingang Group', 'Lingang' or 'the Group') is a large state-owned enterprise group of Shanghai SASAC, which focuses on the development of industrial parks, support services and industrial investment. It is a major construction body of the Lin-gang Special Area of China (Shanghai) Pilot Free Trade Zone ('Lingang Special Area'). Lingang Group has a domestic credit rating of AAA and international credit ratings of A- assigned by Fitch, BBB+ assigned by S&P and Baa1 assigned by Moody's. By end of 2023, the company's total asset reached RMB 218.372 billion; in 2023, the company achieved total revenue of RMB 13.256 billion, profit before tax of RMB 2.715 billion and net income of RMB 1.868 billion.

上海临港经济发展(集团)有限公司(以下简称"临港集团"或"集团")成立于 2003 年,是上海市国资委下属以园区开发、企业服务和产业投资为主业的大型国有企业集团,是上海自贸区临港新片区(简称"临港新片区")的开发主体。国内主体信用评级为 AAA、国际信用评级为 A-(惠誉)、BBB+(标普)和 Baa1(穆迪)。2023 年末,临港集团资产规模达2,183.72 亿元; 2023 年全年实现营业总收入 132.56 亿元、利润总额 27.15 亿元、利润净额18.68 亿元。

Adhering to national strategies such as the development of Lingang Special Area, the construction of Shanghai Technology Innovation Center (STIC), the integration of Yangtze River Delta, and the industrial cooperation between the eastern and western regions of China, Lingang Group has forged an industrial park layout that specializes in Lingang Special Area, lays roots in Shanghai, integrates into the Yangtze River Delta, provides national-wide services and explores overseas market. The Group is committed to be a world-class industrial park developer and asset operating group under high-quality development, contributing to the implementation of national strategies and overall development of Shanghai.

临港集团立足服务临港新片区建设、上海科创中心建设、长三角一体化、东西部产业合作等国家战略,形成深耕临港、立足上海、融入长三角、服务全国、走向海外的园区布局,全力推进高质量发展,打造世界一流的园区开发和资产运营集团,为服务国家战略、上海工作全局作出贡献。

After nearly 40 years of development, Lingang Group owns four major brands, 'Lingang', 'Caohejing', 'Lingang Industry Clusters' and 'Innovation Galaxy'. After years of developing firstrate industrial parks and cultivating world-class industrial clusters, multiple enterprises incorporated in Lingang have grown into top-notch players in China and even around the globe. With initial focus on high-end equipment industry, Lingang Group is committed to serving biopharma, intelligent manufacturing, new materials, high-end equipment and other industries, and promoting development of strategic emerging industrial clusters under Shanghai's '3+6'1 and Lingang Special Area's '4+2+2'2 modern industry strategy. At present, the Group has developed 14 specialized industrial parks, serving more than 16,000 domestic and foreign high-tech enterprises, which includes more than 200 listed companies and subsidiaries, and more than 200 Fortune 500 companies and related entities. With the vision of 'cultivating excellent sci-tech innovation parks and becoming an outstanding developer', Lingang Group has made continuous efforts in developing the 'Six Innovations' system to empower innovations in tech, digitalization, green economy, services, finance, and overseas markets aspects, offering comprehensive, full-cycle innovative solutions to enterprises and creating favorable business environment for talents.



经过 40 年的园区开发实践,临港集团培育了"临港"、"漕河泾"、"临港产业联动集聚区"、"新业坊"四大品牌。临港集团努力打造世界级名园,培育世界级产业集群,诞生了众多全国乃至世界第一的重量级企业。临港集团从高端装备产业起步,围绕上海"3+6"1、临港新片区"4+2+2"2现代化产业布局,全力服务生物医药、智能制造、新材料、高端设备等产业,促进战略性新兴产业集群发展。目前,临港集团打造了 14 家特色产业园区,旗下园区汇聚中外高科技企业 16,000 余家,其中上市公司及分支机构 200 余家,世界 500 强及相关企业 200余家。以"卓越科创园区、卓越开发企业"为愿景,临港集团持续打造科技创新、数字创新、绿色创新、服务创新、金融创新、海外创新等"六创"赋能体系,为企业提供全要素、全周期、全方位的创新服务,为科创人才提供丰沃土壤。

Facing the future, Lingang Group adheres to the development concept of 'Specialization, High quality and Sustainability'. As early as 2003, the Group put forward the construction concept of 'ecological industrial park' and constantly enriched and improved it in practice. In recent years, focusing on the construction of green industrial parks, industrial transformation and upgrading, efficient use of energy and improvement of ecological environment, the Group has continuously deepened the adjustment of industrial, energy and service structure, accelerated the construction of ecological civilization, and achieved remarkable results in green development. Meanwhile, as a large state-owned enterprise with social functions, Lingang Group is deeply committed to social responsibility. The Group empowers the industrial ecosystem and builds world-class industrial clusters by actively adopting multi-dimensional measures such as industrial-urban development integration, industry-finance integration, industry-university research integration, industry-education integration, etc. Besides, the Group continuously feeds back to the society through east-west collaboration, rural revitalization, public welfare and charity activities. Till now, various achievements have been made in related fields, including the selection of Lingang case as a paradigm in the Blue Book on Social Responsibilities of State-owned Assets and State-owned Enterprises (2023), the inclusion of Lingang Group in the Social Responsibilities of State-owned Enterprises · Pioneer 100 Index (2023), and the inclusion of Shanghai Lingang (600848.SH) in the ESG-Pioneer 100 Index of Listed State-owned Enterprise (2023).

面向未来,临港集团秉持"特色化、高质量、可持续"发展理念。早在 2003 年,集团就提出"生态园区"建设理念,并不断在实践中加以丰富完善。近年来,集团围绕绿色园区建设、产业转型升级、能源高效利用、生态环境改善等重点,不断深化产业、能源、服务结构调整,加快生态文明建设,绿色发展取得明显成效。与此同时,作为上海市属功能保障类大型国有企业,临港集团高度重视社会责任工作,积极通过产城融合、产金融合、产学研融合、产教融合等多维度措施,完善赋能产业生态体系,全力打造世界一流产业集群;并通过东西协作、乡村振兴、公益慈善等积极反哺社会。临港集团已在相关领域取得一定成就,包括临港集案例入选《国资国企社会责任蓝皮书(2023)》区域发展篇优秀案例、临港集团入选"国有企业社会责任·先锋 100 指数(2023)"榜单、上海临港(600848.SH)入选"国有企业上市公司 ESG·先锋100 指数(2023)"榜单等。

¹ '3+6' refers to 3 frontier industries (namely integrated circuit, biopharma, and artificial intelligence) and 6 key industries (namely electronic information, automotive, high-end equipment, advanced material, life and health, and fashion consumer goods)

^{1 &}quot;3+6": "3"即集成电路、生物医药、人工智能三大先导产业; "6"即电子信息、汽车、高端装备、先进材料、生命健康、 时尚消费品六大重点产业

² '4+4+2' refers to 4 core industries (namely biopharma, integrated circuit, civil aviation, and artificial intelligence), 2 advantageous industries (namely NEV, and high-end equipment manufacturing), and 2 promising industries (namely green remanufacturing and hydrogen energy)

² "4+2+2": "4" 大核心产业即生物医药、集成电路、民用航空、人工智能; "2" 大优势产业即智能新能源汽车、高端装备制造; "2" 大未来产业即绿色再制造和氢能产业



1.2 Objective of Lingang Group's Sustainable Financing Framework 临港集团设立可持续发展融资框架的目标

Lingang Group has always attached great importance to 'Ecological Priority and Green Development'. In recent years, focusing on the construction of green industrial parks, industrial transformation and upgrading, efficient use of energy, improvement of the ecological environment, the Group has continuously improved the structure of industry, energy and services, accelerated to build ecological civilization, and achieved remarkable results in green development. The Group focuses on 'low carbon and green future', closely follows the two main lines of 'Green Park' and 'Green Industry', builds service management, operation and guarantee systems, promotes the formation of the Group's green development innovation model, and strives to become the benchmark of green and low-carbon development of state-owned enterprises in Shanghai.

临港集团一直以来高度重视"生态优先、绿色发展"。近年来,集团围绕绿色园区建设、产业转型升级、能源高效利用、生态环境改善等重点,不断深化产业、能源、服务结构调整,加快生态文明建设,绿色发展取得明显成效。聚焦"低碳临港,绿色未来"中心目标,紧扣"园区绿色化、产业绿色化"两条主线,构建服务管理、服务运营、服务保障三大体系,推动形成集团绿色发展创新模式,力争成为上海国有企业绿色低碳发展标杆。

Lingang is building a strong foundation for green and low-carbon transformation on four pillars, namely, formulating a high-level development strategy and system for green and low-carbon development; understanding 'carbon footprint' of the park by checking and verifying its carbon emissions; preparing green standard system to drive green development of the park; and creating a dual-carbon service platform to explore the new approach of digital intelligence and integration. Lingang Group adopts specific measures, including developing a number of green and low-carbon industrial parks, constructing a number of green and low-carbon buildings, excavating a batch of pilot application scenarios, promoting the green transformation of a number of industries, gathering a number of green and low-carbon industries, promoting the application of a number of advanced technologies, developing a series of green standards, building a number of service platforms for achieving carbon peaking and carbon neutrality goals, innovating a batch of green financial products, cultivating a number of high-end talents for achieving carbon peaking and carbon neutrality goals.

临港集团筑牢绿色低碳转型发展四项支撑,即制定绿色低碳顶层规划,持续筑牢绿色发展"四梁八柱"制度体系;开展园区碳盘查,摸清园区"碳家底";编制绿色标准体系,以标准引领绿色园区发展;打造双碳服务平台,探索数智化、融合化赋能双碳新路径。其具体措施包括:打造一批绿色低碳园区;建设一批绿色低碳建筑;挖掘一批试点应用场景;推动一批产业绿色转型;集聚一批绿色低碳产业;推广一批先进技术应用;研制一批绿色系列标准;构建一批双碳服务载体;创新一批绿色金融产品;培养一批"双碳"高端人才等。

Lingang Group actively takes country as our family, attaches equal importance to business development and giving back to the society. Along the way of business development, the Group fulfills corporate social responsibilities by carrying out rural revitalization, and has launched Shanghai Lingang Public Welfare Fund to actively give back to the community and share the fruits of development through paired-up assistance, supporting children's education and caring for aging population etc. Through the construction of the parks, the Group has enriched service supporting capabilities and accumulated professional experience in infrastructure, life services, talent supports, and comprehensive service facilities, attracting and retaining talents through the industrial-urban development integration. The Group also promotes the construction of a service system for scientific innovation and a full-cycle ecological 'base + fund' financial service system. The Group adopts specific measures, including deepening industrial cooperation between Shanghai and Yunnan; implementing rural



revitalization strategy; further developing volunteer program; actively improving the construction of affordable rental housing, healthcare and education facilities; providing financial assistance to promote scientific innovation and micro, small and medium enterprises; building a deep pool of talents, etc.

临港集团积极弘扬"家国文化",坚持发展与奉献并重,在企业发展的同时履行企业社会责任, 开展乡村振兴工作;设立"上海临港公益基金会",通过结对帮扶、助学助成、爱老助困等方 式,积极反哺社会,与各方共享发展成果。在推进园区建设的同时,领港集团积累了成熟的服 务配套能力,在基础设施、生活服务、人才配套、综合服务配套方面具有专业优势和经验,通 过产城结合的发展举措吸引人才集聚。集团更是持续推进建设科创服务体系、全链条生态化的 "基地+基金"模式的金融服务体系。其具体措施包括:深化沪滇对口协作;贯彻落实乡村振 兴;深入开展志愿服务;积极完善保障性租赁住房、医疗配套和教育配套建设;金融助力科创 领域和中小微企业发展;倾情打造高技能人才培养基地等。

The Sustainable Financing Framework (the 'Framework') of the Group will mainly focus on the above aspects, providing an opportunity for the Group to emphasize its strategy in ecological and environmental protection, and social responsibility. The issuance of Green, Social, and Sustainability bonds, and Green, Social, and Sustainability loans under the Framework will enable our investors and lenders to join us to honor our sustainable ecological protection and social responsibility commitments. The Company's sustainable financing transactions will also help ensure the fulfilling of the progress of the People's Republic of China's goal of social development and environmental protection under the 14th Five-Year Plan and the Long-Range Objectives through 2035.

集团的《可持续发展融资框架》将主要围绕上述几个方面,并以此为契机彰显集团在生态环境保护和社会责任方面的战略。临港集团根据《可持续发展融资框架》进行的绿色、社会责任和可持续发展债券发行,以及绿色、社会责任和可持续发展贷款融资,将使投资者和借款行能够一同参与并践行集团对可持续生态环境保护以及社会责任的承诺,也将助力国家"十四五规划和 2035年远景目标纲要"在社会发展及及环境保护等方面的宏伟目标的实现。

1.3 The Lingang Group's Green and Social Commitment 临港集团的绿色和社会责任承诺

Lingang Group, as the main force in the development and construction of Lingang Special Area and the new engine in the transformation and development of key areas in the city, occupies an important position in key areas such as industrial development and urban renewal in the city. As an important place to promote the implementation of carbon peaking and carbon neutrality goals, the Group's industrial park should hold on its political position, have the courage to face and overcome difficulties, vigorously promote the development of low-carbon economy and the application of low-carbon technology, unswervingly follow the high-quality development path of 'ecological priority and green development', and play a demonstrating and leading role in promoting the national strategy of carbon peaking and carbon neutrality goals. As a large Shanghai state-owned enterprise with social functions, the Group shall actively fulfill its social responsibilities, continuously empower industry, enterprise and innovation, and fulfil the mission of becoming 'the promoter of technological innovation and industrial development, and the constructor of urban renewal and regional transformation'. 临港集团作为临港新片区开发建设的主力军和全市重点区域转型发展的生力军,在全市产业发

临港亲团作为临港新月区开发建设的王刀车和全市里点区域转型发展的生刀车,任全市产业发展、城市更新等关键领域占据重要地位。集团园区作为推动双碳战略落地的重要承载地,应当提高政治站位、迎难而上、攻坚克难,大力推动低碳经济发展、低碳技术运用,坚定不移走"生态优先、绿色发展"的高质量发展道路,在推进国家双碳战略中发挥示范引领作用。集团



作为上海市属功能保障类大型国有企业,应当积极履行社会责任,持续推动产业、企业和创新赋能,践行"科技创新和产业发展的推动者、城市更新和区域转型的建设者"的光荣使命。

Strictly abiding by the Company Law of the People's Republic of China, Lingang Group has established a robust governance structure and strict risk management and control process, and continuously promotes management transparency and accountability to improve company governance standards and protect the interests of shareholders and other stakeholders. 临港集团严格遵守《中华人民共和国公司法》,建立了健全的治理结构和严格的风险管控流程,持续推进管理透明度和责任追溯,提高公司治理水平,以保障股东和其他利益相关者的利益。

Lingang Group's Environmental Commitments 临港集团的环保承诺

- Accelerate the optimization of building energy consumption structure, improve building energy efficiency, and create a whole life cycle green building development system 加快优化建筑用能结构,提升建筑能效水平,打造基于全生命周期的绿色建筑体系
- Continue to optimize the energy structure and form a clean, low-carbon, safe and efficient energy system 持续优化能源结构,形成清洁低碳安全高效的能源体系架构
- Establish and improve the system of carbon emission accounting, monitoring, verification, reporting and disclosure, and promote the reduction of carbon dioxide emissions by above-scale industrial units
 建立健全碳排放统计、监测、核查、报告、披露等体系,推动规模以上工业单位增加值二氧化碳排放下降
- Cultivate and form a high-quality and low-carbon industrial system in its industrial parks
 加速培育一批新型特色产业,形成以高附加值、低碳排放为特征的高端制造业占主导的高
 质量低碳工业体系
- Create a number of green manufacturing enterprise models and carry out pilot projects for the construction of zero carbon factories, zero carbon industrial parks and zero carbon supply chains

创建一批绿色制造示范企业, 开展零碳工厂、零碳园区、零碳供应链建设试点

Lingang Group's Social Responsibility Commitments 临港集团的社会责任承诺

- Fortify the development structure of 'taking industrial park development as core, and supplementing with industrial investment and supporting services', promote financial assistance to specialized industries, and cultivate specialized industrial investment funds 强化"以园区开发建设为主业,以园区产业投资、配套服务为两翼"的发展架构,持续推动特色产业金融供给,培育专项产业投资基金
- Peinforce industrial-urban development integration and industry-education integration, provide subsidized rental housing, and establish the international talent service center and talent alliance in Lingang Blue Bay

强化产城融合和产教融合,提供保障性租赁住房,助力组建国际人才服务港、临港蓝湾人才服务联盟



- Focus on the big picture of national development and actively integrating into China's Eastern-Western collaboration strategy
 围绕服务全国发展大局,主动融入东西部协作战略
- Actively participate in paired-up assistance, promote poverty alleviation and rural revitalization, leverage own resources to explore special projects for rural revitalization 积极参与定点帮扶工作,推动拓展巩固脱贫攻坚成果同乡村振兴有效衔接,充分发挥资源优势、探索乡村振兴特色项目
- Provide social welfare and assistance in regards to children's education, caring for aging population, caring for the vulnerable and needy families, tackling poverty in 'Three Regions and Three Prefectures' and natural disasters via Shanghai Lingang Public Welfare Fund, Shanghai Lingan Education Development Fund and other platforms 通过上海临港公益基金会和上海临港教育发展基金会等平台,围绕"助学助成、爱老助困、特殊群体、三区三州和自然灾害"五大领域开展公益慈善活动
- Strengthen the power of innovation via supporting the sci-tech R&D investment and the development of scientific innovation platforms, focusing on deploying specialized business incubators, and granting financial support to promote the development of small and medium-sized enterprises and high-tech enterprises 强化创新驱动,支持科技研发投入,积极推动科创平台建设,围绕特色园区布局特色孵化器,开展小贷服务,助力中小企业和高新技术企业发展

2. Sustainable Financing Framework

可持续发展融资框架

The Framework sets out how Lingang Group intends to issue Sustainable Financing Instruments ('SFIs') to fund Eligible Green Projects and/or Eligible Social Projects as defined in this Framework which will create environmental and/or social benefits and contribute to sustainable developments.

The Framework aligns with market guidelines below, or as may subsequently be amended:

- ICMA Green Bond Principles 2021 ("GBP")
- ICMA Social Bond Principles 2023 ("SBP")
- ICMA Sustainability Bond Guidelines 2021 ("SBG", and together with the GBP, SBP, the "ICMA Principles")
- LMA, APLMA, and LSTA Green Loan Principles 2023 ("GLP")
- LMA, APLMA, and LSTA Social Loan Principles 2023 ("SLP", and together with the GLP, and the ICMA Principles, the "Principles")

SFIs cover green bonds, social bonds, sustainability bonds, green loans, social loans, sustainability loans or other debt-like financing. Examples of SFIs include the following.

- Green bonds, in accordance with GBP
- Social bonds, in accordance with SBP
- Sustainability bonds, in accordance with SBG
- Green loans, in accordance with GLP
- Social loans, in accordance with SLP
- Sustainability loans, in accordance with GLP and SLP



可持续发展融资框架阐述了临港集团如何利用发行可持续发展融资工具("可持续发展融资工具"),为能够提供环境和/或社会效益,支持可持续发展的合格绿色项目和/或合格社会责任项目提供融资。

本框架符合以下或后续修订版本的市场指导原则:

- 国际资本市场协会("ICMA")《绿色债券原则》(2021年版)("GBP")
- ICMA《社会责任债券原则》(2023年版)("SBP")
- ICMA《可持续发展债券指引》(2021 年版)("SBG",连同"GBP""SBP"为 "ICMA 原则")
- 贷款市场协会("LMA")、亚太贷款市场协会("APLMA")和银团及贷款交易协会("LSTA")的《绿色贷款原则》(2023年版)("GLP")
- LMA、APLMA和LSTA的《社会责任贷款原则》(2023年版)("SLP",连同"GLP", "ICMA原则"为"原则")

可持续发展融资工具包括绿色债券、社会责任债券、可持续发展债券、绿色贷款、社会责任贷款、可持续发展贷款或其他类似债务的工具。可持续发展融资工具的示例包括以下:

- 符合 GBP 的绿色债券
- 符合 SBP 的社会责任债券
- 符合 SBG 的可持续发展债券
- 符合 GLP 的绿色贷款
- 符合 SLP 的社会责任贷款
- 符合 GLP、SLP 的可持续发展贷款

In aligning with the above Principles, Lingang Group's Framework is presented through the four core components:

根据上述原则, 临港集团可持续发展融资框架通过四大核心支柱提出:

- Use of Proceeds 募集资金用途
- Process for Project Evaluation and Selection 项目评估和遴选流程
- Management of Proceeds 募集资金管理
- Reporting 报告



2.1 Use of Proceeds 募集资金用途

The net proceeds raised under this Framework or an amount equal to these net proceeds will be exclusively used to finance and/or refinance in whole or in part, one or more new or existing Eligible Projects, including Eligible Green Projects and Eligible Social Projects, with eligibility criteria set out below. Refinancing of Eligible Projects will have a look-back period of no longer than 36 months from the time of issuance. Lingang commits to fully allocating the net proceeds of each SFI on a best effort basis within 24 months of issuance.

根据本框架筹集的净资金和/或等额资金将会专门用于全部或部分一项或多项新建或现有的符合以下合格标准的合格项目(包括合格绿色项目和合格社会责任项目)的融资和/或再融资。合格项目的再融资自发行之日起回溯期不超过 36 个月。临港集团承诺将尽最大努力在每个可持续发展融资工具发行后 24 个月内全额分配募集资金。

Eligible Green Projects 合格绿色项目

Eligible Green Project Category 符合条件的绿色项目 类别	Eligibility Criteria 遴选条件	Environmental Objective 环境目标	UN SDG Alignment 可持续发展目标的类别
Green Buildings 绿色建筑	Design, development, construction, refurbishment, redevelopment, maintenance, operations of buildings that meet national or international third-party environmental certifications, such as but not limited to, 设计、开发、建造、翻新、重建、维护和运营符合国家或国际第三方环境认证的绿色建筑,认证标准包括但不限于 • Chinese Green Building Evaluation Label: '3-Star' (Within one year after completion acceptance of construction); 中国绿色建筑评价标准: "三星级" (竣工验收后一年以内) • Leadership in Energy and Environmental Design (LEED) - minimum certification of Gold 能源与环境设计先锋评估 "金级" 或以上 • BEAM Plus - minimum certification of Gold 绿建环评标准 "金级" 或以上 • BREEAM - minimum certification of Excellent 英国建筑研究院绿色建筑评估体系标准 "优秀" 认证或以上	 Climate change mitigation 气候变化减缓 Natural resource conservation 自然资源保护 	• Target 9.4 (目标 9.4) • Target 9.1 (目标 9.1) 11 SUSTAINABLE CITES • Target 11.c (目标 11.c)





Eligible Green			
Project Category 符合条件的绿色项目 类别	Eligibility Criteria 遴选条件	Environmental Objective 环境目标	UN SDG Alignment 可持续发展目标的类别
Energy Efficiency 能效提升	Development, purchase, operation, and maintenance of smart technologies and/or systems, for tracking, monitoring and managing energy usage, and energy-efficient facilities which improve energy efficiency by at least 30%. Example	• Climate change mitigation 气候变化减缓	7 AFFORDABLE AND CLEAN EXCESS TO CLEAN EXCESS
	projects include, 开发、采购、运营和维护对能源使用进行跟踪、监测和管理的智能技术和/或系统、节能设备,使能源效率提高至少30%。示例项目包括:		(目标 7.2) • Targets 7.3 (目标 7.3) • Targets 7.a (目标 7.a)
	 Installation of smart meters 智能电表安装 Improvement of energy efficiency of heating ventilation and air conditioning 		9 ROUSTRY AND WINTON Target 9.4
	systems 提高采暖空调系统效率 • Installation of auto or LED lighting 自动或 LED 照明安装 • Investment in energy storage		(目标 9.4)
	technologies 储能技术投资		
Renewable Energy	Investments and expenditures in solar, wind farms and energy storage projects in the Group's industrial parks	• Climate change mitigation 气候变化减缓	7 AFFORDABLE AND CLEAN ENERGY
可再生能源	对集团下属产业园的太阳能、风能和储能项 目开发的投资和支出		• Targets 7.2 (目标 7.2)
	Construction of International Hydrogen Energy Valley ('Valley') and implementation of green hydrogen energy related manufacturing projects in the Valley		 Targets 7.3 目标 7.3) Targets 7.a 目标 7.a)
	国际氢能谷建设以及园区内绿色氢能生产项目引进		11 SUSTAINABLE OTHES AND COMMUNITIES • Target 11.c
			(目标 11.c) 12 RESPONSIBLE DOUGLAPTION AND PRODUCTION
			• Target 12.4 (目标 12.4)
			13 ACTION
			Target 13.1 (目标 13.1)Target 13.3 (目标 13.3)



Eligible Green Project Category 符合条件的绿色项目 类别	Eligibility Criteria 進选条件	Environmental Objective 环境目标	UN SDG Alignment 可持续发展目标的类别
Sustainable Water and Wastewater Management 可持续水资源及废 水管理	Construction, development, installation, operation and maintenance of energy-efficient infrastructure or equipment for collection, treatment, recycling or reuse water, rainwater or wastewater 建设、开发、安装、运营和维护用于收集、处理、回收或再利用水、雨水或废水的基础设施或设备,并考虑这些设备的能效水平	 Natural resource conservation 自然资源保护 Pollution prevention and control 污染防治 	• Target 6.3 (目标 6.3) • Target 6.4 (目标 6.4) • Target 6.5 (目标 6.5) • Target 6.b (目标 6.b)
Clean Transportation 清洁交通运输	Construction, development, installation of infrastructure or equipment that supports low carbon transportation, such as charging ports for electric vehicles (EV) 建设、开发、安装支持低碳运输的基础设施或设备,例如电动汽车充电桩	 Climate change mitigation 气候变化减缓 Pollution prevention and control 污染防治 	11 SUSTAINABLE CITIES AND COMMUNITIES • Target 11.2 (目标 11.2)

Eligible Social Projects 合格社会责任项目

Eligible Social Project Category 符合条件的社会责任 项目类别	Eligibility Criteria 遴选条件	Social Objective 社会責任目标	UN SDG Alignment 可持续发展目标的类别
Affordable housing 可负担的住宅	Construction, refurbishment, and acquisition of safe, affordable and inclusive housing, such as subsidized rental housing 建设、重建和收购安全、可负担和普惠型住房项目,如保障性租赁住房项目 Target populations: Communities with housing difficulties, as defined by local government, such as newly employed graduates and migrant workers 受益人群: 当地政府定义的住房困难群体,例如新就业毕业生、外来务工人员等	• Increase in number of homes available for target populations 增加向受益人群提供的住房供应量	11 SUSTAINABLE CITIES AND COMMUNITIES Target 11.1 (目标 11.1)



Eligible Social Project Category 符合条件的社会责任 项目类别

Access to essential services – Education and vocational training

基本服务需求 - 教育和职业培训

Eligibility Criteria 進选条件

Education and vocational training projects to target populations including,

- Courses, trainings and scholarships to children and teenagers with limited access to basic education or with special educational needs such as,
 - Student aid programs in the regions paired-up for assistance
 - Basic music courses for autistic children
- Vocational trainings provided by Lingang Industrial College for workers and technicians in Lingang Special Area on modern technology and skills in industrial sectors such as intelligent manufacturing, intelligent logistics, advanced optics, biopharmaceuticals, etc.

面向受益人群的教育和职业培训项目,包括,

- 面向接受基础教育受限或有特殊教育需求的儿童和青少年的课程、培训和奖助学金,如:
 - 面向对口帮扶的贫困地区"助学助成"项目
 - 面向自闭症儿童的音乐基础课程等
- 由临港产业大学为临港片区工人和技术 人员提供智能制造、智能物流、先进光 学、生物医药等新兴产业技术和技能方 面的职业培训

Target populations:

- Underserved communities residing in China's mountainous areas, rural areas, key counties for national rural revitalization, with limited access to basic education or those with special educational needs
- Workers and technicians from the first production line in Lingang Special Area

受益人群:

- 生活在中国山区、农村地区、国家乡村 振兴重点帮扶县的人口,基本教育服务 水平不足、接受教育机会有限,或有特 殊教育需求的弱势群体
- 园区一线工人和技术人员

Social Objective 社会责任目标

• Increase the access to education and vocational training opportunities for target populations 增加受益人群获取教育、职业培训的机会

UN SDG Alignment 可持续发展目标的类别



- Target 4.1 (目标 4.1)
- Target 4.3 (目标 4.3)
- Target 4.5 (目标 4.5)



Eligible Social Project Category 符合条件的社会责任 项目类别	Eligibility Criteria 進选条件	Social Objective 社会责任目标	UN SDG Alignment 可持续发展目标的类别
Access to essential services – Healthcare 基本服务需求 – 医疗保健	Medical support and health management projects with preventive and/or curative functions, such as, • Medical and rehabilitation supports for disabled people, critically ill patients, and cancer survivors • Development of health management system for construction workers 预防性和/或治疗性的医疗支持和健康管理项目,例如: • 为残疾人、大病患者、癌症康复患者等特殊群体提供医疗和康复支持 • 为建筑产业工人开发健康管理系统 Target population: Disabled people, critically ill patients, and cancer survivors, industrial workers 目标人群:残疾人、大病患者、癌症康复患者,产业工人等	• Increase the access to healthcare services for target populations 增加受益人群获取医疗服务的机会	3 GOOD HEALTH
Affordable Basic Infrastructure 可负担的基础生活 设施	Renovation projects of living facilities for the elderly living alone in rural areas, • 'Happiness Ten Squares' kitchen and bathroom renovation • Power line reconstruction 农村地区高龄独居老人生活设施改造项目,如: • "幸福十平方"厨卫改造 • 电力线路改造项目 Target populations: Aged population in rural areas 受益人群:农村地区高龄老人	Increase the access to basic infrastructure and facilities for target populations 为受益人群提供 基础设施和服务	9 MOUSTEY, MOVIATION AND NETASTRUCTURE Target 9.1 (目标 9.1)





Eligible Social Project Category 符合条件的社会责任 项目类别

Employment generation and programmes designed to prevent and/or alleviate unemployment stemming from socioeconomic crises

创造就业机会,以 及预防和/或缓解 因社会经济危机导 致失业的措施

Eligibility Criteria 進选条件

- Loans or financial support to small and medium enterprises (SMEs)³, including sci-tech start-up companies, tackling their financing difficulties
- Science and technology park projects that promote rural revitalization and industrial upgrading through sci-tech development, which support SMEs and create jobs for residents in China's mountainous areas, rural areas, key counties for national rural revitalization, such as Shanghai-Yunnan Lingang Kunming Sci-tech Park, Zunyi Lingang Sci-tech Park, etc.
- 对中小企业,包括初创科创企业的贷款 或其他金融支持,以解决中小企业融资 难问题
- 以科创发展带动乡村振兴和产业升级的 科技园项目,以支持中小企业,带动中 国山区、农村地区、国家乡村振兴重点 帮扶县的居民的就业,如沪滇临港昆明 科技城、临港遵义科技城等项目

Target populations:

- Small and medium enterprises (SMEs), including sci-tech start-up companies
- Residents in China's mountainous areas, rural areas, key counties for national rural revitalization

受益人群:

- 中小企业,包括初创科创企业
- 中国山区、农村地区、国家乡村振兴重 点帮扶县的居民

Social Objective 社会责任目标

 Promote SME development and job creation

促进中小企业发 展和创造就业

UN SDG Alignment 可持续发展目标的类别



Target 8.3

(目标8.3)

2.2 Process for Project Evaluation and Selection 项目评估与遴选过程

Lingang Group suits strict internal requirements on green and social projects in the planning, and implementation stages. Finance Development Department will take lead, together with representatives from Green Development and Standard Innovation Office, Business Management Department, Finance Management Department, be responsible for project evaluation and selection, management of proceeds and post-issuance disclosure. Green Development and Standard Innovation Office is responsible for setting up Eligibility Criteria to make sure the projects meet the green and/or social development goal, the Business Management Department holds an Operational Project Investment Assessment Meeting ('OPIAM') every month to discuss and select Eligible Projects. Based on the Eligibility Criteria

³ The definition of SME should be referred to the Criteria for Classifying Small and Medium-sized Enterprises by China's Ministry of Industry and Information Technology, National Bureau of Statistics, National Development and Reform Commission, and Ministry of Figure 2

³中小企业定义参见中国工信部、国家统计局、发改委、财政部联合发布的《中小企业划型标准规定》



defined in section 2.1 of the Framework, the participant will assess the background, business model, and potential environmental and/or social impacts of projects to select the Eligible Projects during the OPIAM. The shortlisted projects selected by OPIAM will be presented to the Group's General Management Meeting for final approval. After the Group's General Management Meeting having approved the Eligible Projects, special project company or working group will be set up to implement each Eligible Project to ensure that the project meets the requirements of applicable Principles, and other laws, policies, and regulations enforcing sustainability considerations including but not limited to Environmental Protection Law of the People's Republic of China, Environmental Impact Assessment Law of the People's Republic of China, Regulations on Environmental Protection Management of Construction Projects, Water Pollution Prevention and Control Action Plan.

临港集团内部对绿色和社会责任项目在计划及实施阶段均有严格的要求。金融发展部将牵头,会同绿色发展与标准创新部、经营管理部、财务管理部等部门的代表,负责项目评估和筛选、募集资金管理以及发行后披露等工作。绿色发展与标准创新部负责牵头建立相应的标准体系以引导项目符合绿色和/或社会责任发展目标,经营管理部每月召开一次集团经营类项目投资预审会以讨论和筛选合格项目。会上将根据本框架 2.1 中的资格条件和排除标准对申报项目的基本情况、经营模式、潜在环境和/或社会效益逐一进行讨论并遴选合格项目。通过经营类项目投资预审会的项目最终报送集团总裁办公会审定。经总裁办公会评审通过后,合格项目将由各项目公司或工作组负责落实,确保可持续项目符合适用的原则以及其他可持续发展相关的法律、政策和监管规定。

Additionally, during the planning stage, environmental and social impact assessments will be conducted by external experts or relevant internal departments according to application policies to identify the environmental and/or social impacts. The identification and management of environmental and social risks will be covered by the environmental and social impact assessments, and controls and mitigation measures will be made to minimize the environmental and social risks. During the implementation stage, mitigation measures of the negative environmental and social impact are strictly followed and monitored. The Company also has a robust internal control and policy framework to ensure that environmental and social risks encountered in the course of the Company's operation are mitigated.

此外,在项目计划阶段,项目将根据申请规定由外部专家或内部相关部门进行环境及社会影响评估,以识别环境和/或社会影响。通过环境及社会影响评估,环境及社会风险将被识别并管理,并且控制和缓解措施将被采用以尽量降低环境和社会风险。在项目实施阶段,不利环境和社会影响的缓解措施将被严格执行和监测。公司还拥有稳健的内部控制和政策框架,以确保运营中的环境和社会风险得到缓解。

The abovementioned departments will meet at least once a year and monitor the Eligible Projects in each reporting period. It is also responsible for:

- The exclusion and replacement of projects which no longer fulfil the eligibility criteria or are associated with environmental and/or social risks
- Updating this Framework to take into consideration changes in corporate strategy, technology and market developments

负责可持续发展融资的部门将至少每年召开一次会议,对每个报告期内合格项目进行监督,并负责:

- 排除和替换不再符合资格条件的项目以及具有潜在环境和/或社会风险的项目
- 更新本框架以符合公司战略、技术和市场发展



2.3 Management of Proceeds 募集资金管理

The Group commits to allocate, an amount equal to the net proceeds over time to finance and/or refinance the Eligible Projects, which are selected according to the Eligibility Criteria, and using the evaluation and selection process outlined above.

集团将采用上述评估和选择标准选择合格项目,并承诺将募集资金用于合格项目的融资和/或再融资。

The net proceeds from each SFI will be managed by the Group's Finance Management Department and Finance Development Department and the proceeds from each SFI will be deposited in bank accounts and be used for the Eligible Projects. The Finance Management Department will be in charge of transferring the proceeds to the eligible projects and recording for accounting purposes, and the Finance Development Department will set up an internal management account register to keep track of the use of proceeds for each SFI.

每笔可持续发展融资工具所得款项净额将由集团财务管理部及金融发展部管理,并将资金存入银行账户,用于合格项目。财务管理部将负责资金的划付和会计入账,金融发展部将建立相关内部管理台账登记以追踪每笔可持续发展融资工具的所得款项用途。

The internal management account will contain the following information: 内部管理台账包含以下信息:

- (1) Type of Funding Transaction 融资交易类型
- Key information includes issuer/borrower entity, transaction date, tranche(s) information, the principal amount of proceeds, repayment or amortization profile, maturity date, and interest or coupon (and in the case of bonds, the ISIN number)
 - 包括发行人/借款人实体、交易日期、批次信息、募集本金、还款或摊销情况、到期日和收益率或票面利率(如果是债券,则为 ISIN 编号)等的关键信息
- (2) Allocation of Use of Proceeds 款项使用分配
- Name and description of Eligible Projects to which the proceeds of the SFI have been allocated in accordance with the Framework 根据本框架分配可持续发展融资工具资金的合格项目名称和描述
- Amount and date of SFI proceeds allocated to each Eligible Project 分配给每个项目类别的可持续发展融资工具资金的金额和日期
- The outstanding balance of unallocated proceeds is yet to be earmarked for Eligible Projects
 - 尚未投入具体合格项目的未分配资金余额
- Other relevant information 其他事项

When the proceeds are used, the project entity must submit an application and plan for use to the Financing Development Department of the Company for approval. The approval of the application will follow the Group's procedure, after which the proceeds will be allocated by the Financing Management Department.

募集资金使用时需由项目开发主体提出使用申请及计划,并报金融发展部批准,根据资金审批流程逐级审批,最终由财务管理部予以划拨。

The Group will monitor the net proceeds of all outstanding SFIs, which includes appropriately tracking the proceeds and adjusting the balance of net proceeds to match allocations to Eligible



Projects. Any balance of issuance proceeds that are not yet allocated to Eligible Projects will be held for short-term cash deposits. The Group will disclose to investors the types of temporary placement they use for unallocated proceeds. The Group commits not to invest unallocated proceeds to any high pollution or socially harmful activities.

集团将对所有未偿还可持续发展融资工具募集资金净额进行监控,包括适当跟踪募集资金和调整募集资金净额余额,以匹配合格项目的分配。尚未分配给合格项目的任何募集资金余额将进行短期存款。集团将向投资者披露其关于未分配募集资金的临时处置类型。集团承诺不会将未分配募集资金投资于任何高污染或对社会有害的活动。

During the life of the SFIs issued, if the designated Eligible Projects cease to fulfil the Eligibility Criteria, the net proceeds or an amount equal to these net proceeds will be re-allocated to replacement Eligible Projects that comply with the Eligibility Criteria, as soon as reasonably practicable. The Group strives to maintain an amount of Eligible Projects at least equal to the total net proceeds of all SFIs outstanding.

在发行的可持续发展融资工具的存续期内,如果指定的合格项目不再符合合格标准,则募集资金净额或等额将尽快合理地重新分配给符合合格标准的替代合格项目,集团努力将投入到合格项目的资金数额保持在至少等于所有未偿还可持续发展融资工具的总所得款项净额。

Additionally, if the investment of proceeds changes, the change must be reviewed and approved by the Company's board of directors. After that, the proceeds will still be used for Eligible Projects.

此外,若募集资金投向发生变更,须经董事会审议通过后方可变更,变更后的资金投向仍应用于合格项目。

If the use of the proceeds is changed, the Group will disclose the interim report to the market on time through channels approved by the regulatory authorities. The interim report includes, but not limited to, the progress of the fund-raising projects, the reasons for changes and the adjusted investment plan of the proceeds.

若募集资金用途发生变更,集团将通过监管机构认可的渠道及时向市场披露临时报告。临时报告包括但不限于募投项目的进展情况、变更原因及调整后的募集资金投资计划。

The Group commits not to invest the net proceeds to high carbon intensive activities or ineligible projects. The following sectors and activities will be excluded from Eligible Projects: 同时集团承诺,不会将募集资金用于高碳密集型活动或不符合条件的项目。以下领域或业务将被排除在符合条件的合格项目之外:

- activities that violate national laws and regulations, international conventions and agreements, or are subject to international bans and sanctions;
 违反国家法律、法规或国际公约和协议、或受制于国际禁令的活动;
- production or trade of weapons and ammunition;
 武器和弹药的生产和贸易;
- production or trade of alcoholic beverages (except for beer and wine);
 酒精饮料(啤酒和葡萄酒除外)的生产或贸易;
- production or trade of tobacco;
 烟草的生产或贸易;
- enterprises engaged in gambling or casino operations or similar businesses;
 赌博、赌场和同等的企业;



 production or trade of radioactive materials (excluding equipment which radioactive source is considered insignificant and/or adequately shielded, for example, quality control equipment);

放射性物质的生产或贸易(设备放射性源被认为是微不足道的和/或充分屏蔽,如质量控制设备并不在这个范围);

production or activities involving harmful or exploitative forced labour or child labour.
 涉及有害或剥削形式的强迫劳动或童工的生产或活动。

2.4 Reporting 报告

Lingang Group will provide information on the allocation of the net proceeds from each SFI and impact reporting on the environmental and/or social benefits of the Eligible Projects. Such information will be publicly available on the Group's website (https://www.shlingang.com), social media, or in the Group's ESG Report on an annual basis until all the net proceeds or an amount equal to these net proceeds have been allocated and in the event of any material changes until the relevant maturity date.

临港集团将提供有关每项可持续发展融资工具所得款项净额分配的信息以及相关合格项目的环境和/或社会效益影响报告。此类信息将通过集团的网站(https://www.shlingang.com)、社会媒体或集团的《社会责任报告》每年提供一次,直至所有所得款项净额均已分配完毕或相关到期日之前发生任何重大变化。

Allocation Reporting should contain the following information: 分配报告将包括以下信息:

- Details of each SFI that is outstanding;
 每笔未偿还的可持续发展融资工具的详细信息;
- Aggregate amount of proceeds from each SFI that has been allocated to Eligible Projects; 分配给合格项目的每笔可持续发展融资工具的总金额;
- A list of Eligible Projects to which proceeds from each SFI have been allocated, summary information on such projects, including information necessary to determine alignment with the Eligibility Criteria such as energy performance data; 每个可持续发展融资工具资金已分配到的合格项目的摘要信息,包括确定与合格标准一致所需的信息,例如能源绩效数据;
- Balance of unallocated proceeds from each SFI and its temporary treatment; 每笔可持续发展融资工具的未分配资金余额及其临时处理;
- Share of financing vs. refinancing. 融资与再融资份额。

If the detailed information that can be disclosed is limited due to confidentiality reasons, the Group may choose to present the information in summary or a consolidated form. 如因保密性原因限制可披露的详细信息,集团或选择以一般概述或汇总的形式来呈现信息。

The Company will provide **Impact Reporting** on the expected and actual environmental and/or social impacts resulting from Eligible Projects potentially with the following impact indicators subject to the data availability. Calculation methodologies and key assumptions will be disclosed. In addition, the Company will disclose in the Impact Reporting in time if there is any material issue or controversy related to the Eligible Projects.



集团将根据项目数据可行性,提供合格项目对环境和/或社会产生的预计和实际影响的影响报告,报告可能具有以下影响指标。集团将披露计算方法和主要假设。此外,如合格项目有任何的重大的问题或争议,集团也将在影响报告中及时披露。

Eligible Green Project Category 符合条件的绿色项目类别	Impact Indicators 影响指标
Green Buildings 绿色建筑	 Level of certification by building 建筑绿色评估情况 Gross building area ('GBA') with green building certification 获得绿色建筑认证的总建筑面积
Energy Efficiency 能效提升	 Annual energy savings (in MWh) 年度节能情况情况 (兆瓦时) Annual GHG emissions reduced/avoided (in tonnes of CO₂ equivalent) 年度温室气体排放减少情况(等量二 氧化碳吨数)
Renewable Energy 可再生能源	 Renewable energy capacity installed (in MW) 可再生能源装机情况(兆瓦) Annual GHG emissions reduced/avoided (in tonnes of CO2 equivalent) 年度温室气体排放减少情况(按等量二氧化碳吨数衡量)
Sustainable water and wastewater management 可持续水资源及废水管理	 Amount of rain water collected and re-used (in m³) 收集和再利用的雨水量(立方米) Annual absolute (gross) amount of wastewater treated in tonnes per annum 每年处理的废水绝对(总)量(单位: 吨/年)
Clean Transportation 清洁交通运输	 Number of parking lots for electric vehicle 电动汽车停车场数量 Number of electric vehicle charging points installed 安装的电动汽车充电桩数量 Number of people with access to clean transport systems 清洁交通系统的可供使用人数

Eligible Social Project Category 符合条件的社会责任项目类别	Impact Indicators 影响指标
Affordable housing 可负担的住宅	 Number of subsidized rental housing units constructed/refurbished/acquired 建设、重建和收购的保障性租赁住房数目 Number of individuals benefiting from subsidized rental housing 保障性租赁住房受益人数
Access to essential services – Education and vocational training 基本服务需求 – 教育和职业	 Number of students reached 受益学生人数 Number of people provided with skill development and/or vocational training 获得技能培训和/或职业培训的人数



Eligible Social Project Category 符合条件的社会责任项目类别	Impact Indicators 影响指标	
培训		
Access to essential services – Healthcare 基本服务需求 – 医疗保健	 Number of patients benefitting from healthcare or medical treatment 受惠于医疗保健或治疗的患者人数 Number of health-related R&D programs funded 资助的健康相关的研发项目数目 	
Affordable Basic Infrastructure 可负担的基础生活设施	 Number of residents benefitting from basic infrastructure/facilities upgraded 受益于基础设施/设备升级的居民人数 	
Employment generation and programmes designed to prevent and/or alleviate unemployment stemming from socioeconomic crises 创造就业机会,以及预防和/或缓解因社会经济危机导致失业的措施	 Number/value of loans to SMEs 向中小企业提供的贷款数目/规模 Number of jobs created, supported and/or retained 创造、支持和/或保留住的工作岗位数目 	

Further to the above indicators, the Group will, to the extend where is appropriated, consider to align impact indicators with the recommendations in ICMA's Harmonized Framework for Impact Reporting. The impact reporting will be aggregated at a portfolio level and disclosed annually.

除上述指标外,集团将适当地调整影响指标,使其与 ICMA 的影响报告统一框架要求保持一致。 影响报告将每年一次以汇总形式呈现集团整体信息。

2.5 External Review 外部评审

Lingang Group has engaged Moody's Investor Service and Lianhe Green Development to provide Second Party Opinions ('SPOs') on its Sustainable Financing Framework. The SPOs, together with the Framework will be available on the Group's website: https://www.shlingang.com/lg1/lingangjituan/xxpl/

临港集团已委聘穆迪投资者服务以及联合绿色发展就可持续融资框架提供第二方意见。第二方意见以及本框架将于公司官网 https://www.shlingang.com/lg1/lingangjituan/xxpl/上发布。