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INDUSTRIAL DEVELOPMENT ORGANIZATION



# Localized Indicator Systems of the International Guidelines for Industrial Parks in China

**GUO Li**  
Director, Division II for UN  
Programmes and UCSSIC China



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- UCSSIC China is a joint collaboration between MOFCOM, UNIDO, the China International Center for Economic and Technical Exchanges (CICETE) ;
- Build up capacities of the cooperating partners, facilitate technology transfer and experience sharing between China and other developing countries to promote industrial development;
- Foster industrial growth and protect the environment, particularly through development of green and sustainable industrial parks;
- Promote regional trade, investment and economic integration through partnership building between governments, chambers of commerce and business communities of China and other developing countries.



## Core Business Area



Advancing Green Sustainable  
and Low Carbon Development  
of Industrial Parks



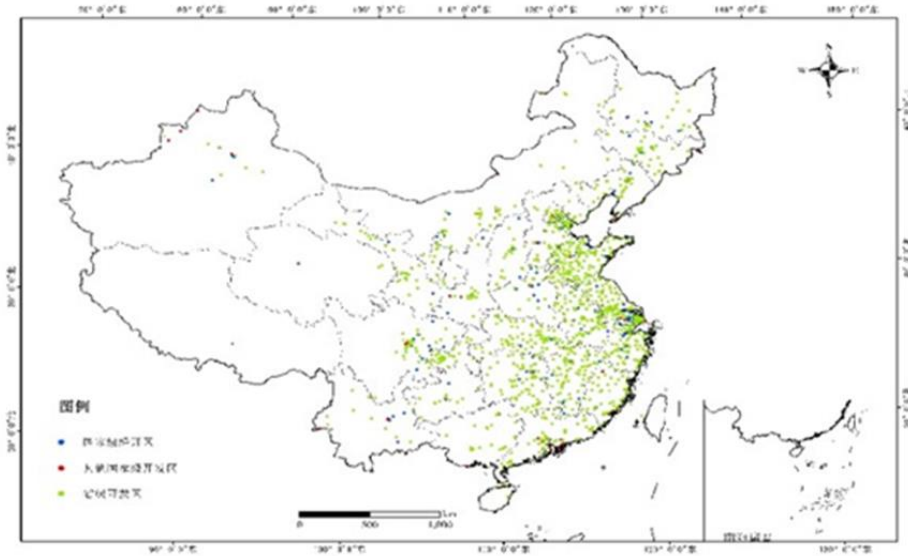
Facilitating Capacity Building  
of Cooperating Partners



Promoting South-South  
Technology Transfer Activities



Providing Support to, or  
Participating in Various  
International Forums and Events



China has a large number and different types of industrial parks under different lines of government administrations.

**2543**

Industrial parks  
above provincial level

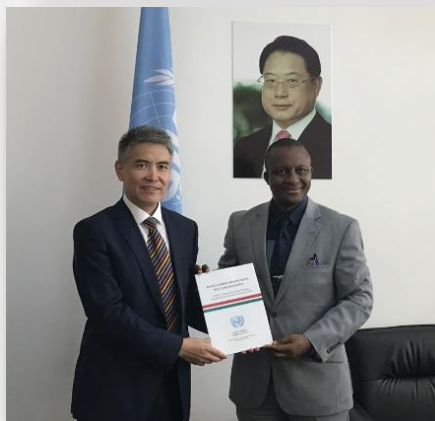
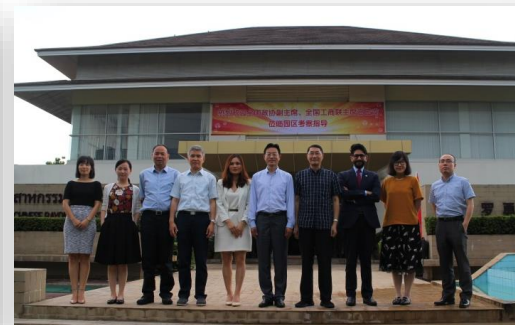


Generated **38%**  
of China's GDP

The industrial parks in China have played an important role in making China the second largest economy in the world.



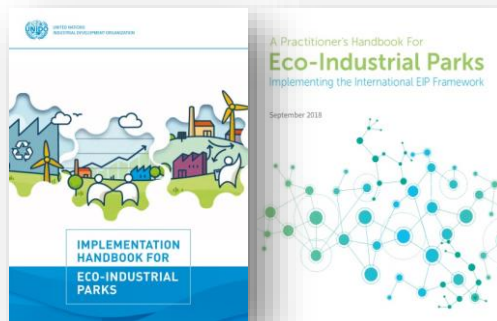
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Over the past 10 years, UCSSIC China has visited a number of industrial parks in Asia, Africa and Latin America and has made unremitting efforts to promote South-South cooperation in sustainable industrial park development



From 2013 to 2015, UCSSIC/China organized experts to formulate the *UNIDO Green Silk Road Project Guidelines and Verification Manual for Green Industrial Parks* based on successful experiences of developed countries, internationally accepted standards and China's relevant policies and technical indicators.



The Guidelines and Verification served as a basis and were aligned with the norms and standards of UNIDO Eco Industrial Park (EIP) guidelines and handbook as the Organization's official guiding documents for industrial park development





In November 2019, UNIDO promulgated the International Guidelines for Industrial Parks (“the Guidelines”). The Guidelines is intended to provide generic guidance for the development of industrial parks in countries around the world at different development stages, so that they will follow some basic principles and standards for the development of modern, inclusive and sustainable industrial parks to achieve significant economic benefits, environmental sustainability and all-round development of the local communities.

After the release of the UNIDO Guidelines, UCSSIC China supported the translation and publication of the Chinese version of the Guidelines. Later in 2021, UCSSIC China set up a national expert group on the study of Comparative Research of Performance Indicators for the Application of UNIDO’s Guidelines in China for promoting and operationalizing of the Guidelines in the industrial parks in China.

In January 2022, the **Comparative Research Report on the Localized Performance Indicator Systems of the International Guidelines for Industrial Parks in China** was published and officially launched on the official website of UNIDO.



2019



2020



2021



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The International Guidelines of Industrial Parks are intended to provide basic international guidelines for the development of industrial parks for countries at different development stages so that the development of industrial parks will uphold such standards as health and safety, effective energy management and environmental protection, and in this way provide guidance for the development of modern, inclusive and sustainable industrial parks.



## Introduction

1.1. INCLUSIVE AND SUSTAINABLE INVESTMENT AND INFRASTRUCTURE	26
1.2. THE CONCEPT OF INDUSTRIAL PARKS	26
1.3. PUBLIC-PRIVATE AGREEMENTS FOR ESTABLISHING INDUSTRIAL PARKS	26
1.4. STRATEGICAL THEMES AFFECTING INDUSTRIAL PARKS	26
1.5. OBJECTIVES OF THESE GUIDELINES	32
1.6. STRUCTURE OF THE GUIDELINES	32
1.7. SCOPE AND METHODS OF DEVELOPMENT	39
1.8. USING THE GUIDELINES	39

[RETURN TO CONTENTS](#)

## Industrial Park Planning

2.1. BUSINESS CASE DEVELOPMENT AND BUSINESS	39
2.2. PRE-FeASIBILITY STUDIES	49
2.3. FeASIBILITY STUDIES	49
2.4. FeASIBILITY EVALUATION TOOLS	49

[RETURN TO CONTENTS](#)

## Industrial Park Land Acquisition, Design and Development

3.1. ACQUISITION OF LAND	56
3.2. SITE ANALYSIS PLANNING	59
3.2.1. Planning Principles and Considerations	59
3.2.2. Planning Site and Plot Layout	59
3.2.3. Design within the Park	62
3.2.4. Infrastructure Development and Planning	63
3.2.5. Revenue and Energy Efficient Park Design	64
3.2.6. Integrated Urban Management Plans	67
3.3. ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT AND IMPACT MITIGATION PLANS	69
3.4. CONTRACTING AND OTHER SERVICES PROCUREMENT PLAN	69
3.5. CONSTRUCTION	69
3.6. STANDARDS FOR EVALUATING DURING PHASE OF WORK AND DEVELOPMENT	69

[RETURN TO CONTENTS](#)

## Industrial Park Operation and Management

4.1. INDUSTRIAL PARK OPERATION FUNCTIONS	66
4.2. TRANSFER OF OPERATIONAL PLANS	66
4.3. LEGAL AND OTHER ARRANGEMENTS	66
4.4. FINANCIAL MANAGEMENT AND OTHER OPERATIONS	66
4.5. RISK MANAGEMENT IN PARK OPERATIONS	71
4.5.1. Risk Management Plan	71
4.5.2. Operational Risk Management	71
4.6. MANAGEMENT MODELS	71

[RETURN TO CONTENTS](#)

## Industrial Park Regulation

5.1. INDUSTRIAL PARK POLICY	78
5.2. ZONING AND ZONING REGULATIONS (ZONING LAWS)	81
5.3. ENVIRONMENTAL PROTECTION AND REGULATIONS	81
5.4. AMBITION FOR PARKS AND BUSINESS	81
5.5. INVESTMENT INCENTIVES	89
5.6. CHECKED INDUSTRIAL PARK LEGISLATION	89
5.7. INDUSTRIAL PARKS AND ZONING PLANS	89
5.8. REGULATIONAL, REGIONAL AND BILATERAL INVESTMENT AGREEMENTS AND BILLS	89

[RETURN TO CONTENTS](#)

## Industrial Park Investment Marketing and Facilitation

6.1. SECTOR IDENTIFICATION AND INVESTMENT TARGETING	96
6.2. INVESTMENT PROMOTION	96
6.3. INVESTMENT PROMOTION ARRANGEMENTS	96
6.4. INVESTOR SUPPORT, FACILITATION AND AFTER-CARE SERVICES	96
6.5. INVESTMENT FACILITATION, COORDINATION AND DELIVERY PERFORMANCE	96

[RETURN TO CONTENTS](#)

## Industrial Park Risk Management

7.1. RISK MANAGEMENT CYCLE	102
7.2. POTENTIAL INDUSTRIAL PARK PROJECT RISKS	103
7.3. RISK IDENTIFICATION AND PRIORITIZATION	103
7.4. RISK MANAGEMENT STRATEGIES AND PLANS	103

[RETURN TO CONTENTS](#)

## Industrial Park Performance Evaluation

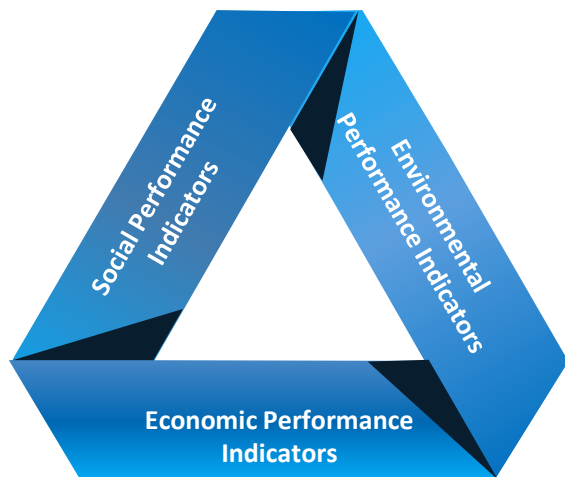
8.1. ECONOMIC PERFORMANCE INDICATORS	110
8.2. SOCIAL PERFORMANCE INDICATORS	110
8.3. ENVIRONMENTAL PERFORMANCE INDICATORS	114

[RETURN TO CONTENTS](#)





Based on the core principles of Inclusive and Sustainable Industrial Development (ISID), the Guidelines lists three dimensions of indicators, namely economic, social and environmental performance indicators, comprising 13 key performance indicators at the primary level and 191 secondary indicators.



**Economic performance indicators relating to the ISID pillar “advancing economic competitiveness”:**



1. Good economic governance
2. Economically-enabling site & infrastructure ‘hardware’
3. Economically-enabling services ‘hardware’
4. Economically impactful nature\*

**Social performance indicators relating to the ISID pillar “creating shared prosperity”:**



1. Socially appropriate site & social infrastructure
2. Quality social management system & social services\*
3. Occupational health & safety\*
4. Good labour relations & welfare\*
5. Social inclusiveness

**Environmental performance indicators relating to the ISID pillar “safeguarding the environment”:**



1. Environmentally appropriate site
2. Green infrastructure
3. Green systems\*
4. Efficient & clean production, emissions & waste management\*

\* Indicators not applicable to new sites that are not yet fully operational



## Composition of the research group

The expert research group consisted of three leading research institutions from China, namely the Green Partnership for Industrial Parks in China, the China Academy of Environmental Sciences and Southeast University.



## Comparative Research

The research focused on comparing the similarities and differences of indicator systems between the Guidelines and the various prevailing guiding standards in China, covering economic, environmental and social dimensions, and put forward a set of indicator system and relevant suggestions applicable to the sustainable development of industrial parks in China.



## Pilot Verification

In order to analyze the applicability of the localization index system to China's industrial parks, during the research process, the Tianjin Economic and Technological Development Zone, Hefei High-tech Industrial Development Zone and Suzhou Industrial Park were selected for the conduct of local verification exercises from the three dimensions of economic, social and environmental performances.



<b>1. Overview</b>	
1.1 Background and source	18
1.2 Introduction to the International Guidelines for Industrial Parks	19
1.3 Overview of industrial parks in China	20
1.4 Purpose of the study	32

<b>2. Study Content and Method</b>	
2.1 Study content	34
2.2 Technical road map	36
2.3 Study methodology	36

<b>4. Recommendations on the Modified Indicator System in the International Guidelines for Industrial Parks</b>	
4.1 Recommendations on the study on the adaptation of indicator system in the Guidelines	216
4.2 Recommendations on promoting the modified indicator system in the Guidelines in China	217
4.3 Recommendations on promoting industrial parks in China to achieve more inclusive and sustainable development	220

<b>3. Localization of the International Guidelines for Industrial Parks</b>	
3.1 Assessment of various indicators of the parks of China	98
3.2 Research into park performance evaluation indicators by other international organizations and countries	93
3.3 Comparison of differences between indicator systems	104
3.4 Identification and screening of key points for China's adaptation of the International Guidelines for Industrial Parks	114
3.5 Framework and content for adaptation	134
3.6 Adaptation verification	168
3.7 Adjustment after verification of the modified indicator system of the International Guidelines for Industrial Parks	204



## Selection Principles for Localized Indicators

Quantitative / non-quantitative	Availability		Applicability		Value to existing indicator system (additional label)		Adaptation recommendations	
Quantitative indicator +	Accurately available - corresponding to the existing statistical coverage	1	Applicable	A	Of complementary value Note: this indicator in the Guidelines is outstanding as a complement to the existing evaluation indicator system for industrial parks in China.	(a)	Directly applied	
Non-quantitative indicator -	Estimable – with the survey (sampling/questionnaire)	2	Not applicable – without discrimination	B	Of forward-looking value Note: this indicator in the Guidelines is forward-looking for the future development of industrial parks in China.	(b)	Recommended to apply but requiring adjustment / supplementation	Adjustment to indicator type
	Estimable – estimated with other indicators/information	3	Not applicable – not in line with domestic policy	C	(Allowing backward supplementation)			Requiring refinement of/adjustment to the indicator definition
	Unavailable at the technical level	4	Not applicable – not in line with the current development stage of industrial parks in China	D			Recommended to delete	

Note: Recommendations set out in the International Guidelines for Industrial Parks apply to new and existing industrial parks in a variety of international settings, focusing on developing economies and economies in transition. The Guidelines are applicable at all development stages

Based on the analysis of each of the 13 primary indicators and 191 secondary indicators in the international Guidelines, and the multi-dimensional analysis of the availability, applicability and special value of the relevant indicators in China's industrial parks, the expert group proposed additions, deletions and modifications to the localized indicators for application in China.



In the beginning of 2022, the “Comparative Research Report on the Localized Performance Indicator Systems of the International Guidelines for Industrial Parks in China” was finally published. After that, UCSSIC China carried out a series of activities with domestic and overseas industrial parks based on the research findings.



Publicity



Training



Release



Promotion



Ministry of Commerce of  
China, Vice Minister,  
Mr. Li Fei



UNIDO Director General  
Mr. Gerd Müller



UN Resident Coordinator  
in China,  
Mr. Siddharth CHATTERJEE

In November 2023, UCSSIC China assisted UNIDO HQ in successfully holding the Parallel Session on *Accelerating Inclusive and Sustainable Industrialization Through South-South Cooperation- Exploring the Role of Industrial Parks & Special Economic Zones*. About 100 people participated in the event, and the online live stream received more than 1.1 million visitors, which was also well received by all cooperating partners.





## Promoting application of the localized indicator systems of UNIDO International Guidelines for Industrial Parks in China

### Selection of IPs

Select 5 IPs among the NETDZs as the first pilot cooperation IPs .



*Step 1*

### Field Research

Organize experts to conduct field research and indicator system evaluation of the pilot IPs.



*Step 2*

### Publicity & Training

Carry out training workshops to provide replicable and scalable experience for the IPs in and outside of China.



*Step 3*



In 2023, UCSSIC China set up an expert group for the pilot research activities on the localized systems of the to promote the International Guide to Industrial Parks in China.



## Launch Meeting of the Pilot Research Cooperation on Localized Indicator Systems of the Guidelines in China

On 30 May 2023, the Launching of the Pilot Research Cooperation on Localized Indicator Systems in China was successfully held in central China's Hefei Shushan Economic and Technological Development Zone. More than 50 participants from government departments, international organizations, research institutes, business representatives and news media attended the launch meeting. And it was broadcast live online with more than 67,700 people watching the event.





## New Trend



Combining the application of digital technologies (such as big data, cloud computing and artificial intelligence) with the development of industrial parks will further enhance the innovative development model and help China achieve its long-term goal of high-quality, sustainable and green low-carbon development.



Promoting the development of digital economy and digital industries is a strategic choice of newly-emerged office-building-based IPs to cope with the rapid advancement of internet-based service industries.



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**Thank You!**