

# Abstract of Chongming Island Ecological Restoration Series News

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## **With a forest coverage rate of 30.7%, how does Shanghai Chongming promote the construction of a world-class eco-island at a high standard?**

Title: 森林覆盖率达 30.7%，上海崇明如何高标准推进世界级生态岛建设？

Time:2023-07-28

Media: The Paper

Link: <https://baijiahao.baidu.com/s?id=1772632126932407387&wfr=spider&for=pc>

Abstract:

On the morning of July 28, the Shanghai Municipal Government Information Office held the fourth municipal government press conference in the series "High-Quality Development in Shanghai" - "Promoting the Construction of a World-Class Ecological Island with High Standards". Chongming District Special Session introduced Chongming District's efforts to promote to the world the relevant situation of constructing a world-class ecological island and answered questions from reporters.

At the press conference, Chongming District Party Committee Secretary Jing Miao introduced the progress of Chongming District in promoting the construction of world-class ecological islands.



The Visual China data chart comprehensively constructs ecological and environmental advantages, continues to polish the ecological "color" to adhere to green as the base color of Chongming, and protects the ecological environment like one protects his own eyes. We will deeply carry out the ecological protection of the Yangtze River, promote the return of beaches to the river, implement

the flood control project around the island, and deepen the ten-year fishing ban in the Yangtze River and the ban on fishing and retreating in the key waters of the Yangtze River Basin. The Chongming Dongtan Bird National Nature Reserve has officially become a World Natural Heritage nominated site. Efforts have been made to improve the quality of the ecological environment, implement the three-year action plan for the construction of the Eco-Island on a rolling basis, continuously strengthen ecological governance in the fields of water, soil, forest and air, with the proportion of surface water environmental quality assessment sections standard reaching 100%, the safe utilization rate of contaminated arable land and contaminated plots reaching 100%, the forest coverage rate reaching 30.7%, the air quality excellence rate reaching 88.6%, and the number of waterbird species accounting for more than 1% of the global population size reached 12, and the number of bird species increased to 298.

Actively promoting the green transformation of production and life, the proportion of new energy power generation has reached 31%, new energy buses and taxis have achieved full coverage in the region, the first new energy vehicle and passenger ferry in the country has been put into operation, and rural domestic sewage water has fully reached Class A standards in all aspects. Accelerating the construction of carbon neutral demonstration zones, comprehensively carrying out the accounting of gross ecological product (GEP) and refined management of carbon emissions, establishing Shanghai Changxing Carbon Neutral Innovation Industrial Park, and Changxing Island Power Plant's 100,000-ton coal-fired gas turbine to full-cycle carbon dioxide capture and utilization (CCUS) innovation demonstration project was officially launched, and achieving the domestic waste resource recycling rate of 42.2%.

## Shanghai Chongming: Build a world-class ecological island

Title: 上海崇明：打造世界级生态岛

Time:2024-02-06

Media: Xinhuanet

Link: <https://baijiahao.baidu.com/s?id=1790075470412084408&wfr=spider&for=pc>

Abstract:

**At present, the ecological islands in the world are either uninhabited or have only a small population. How to build Chongming Island, which has a large population and fragile ecological background, into a world-class ecological island is a new proposition.**



### Shanghai Chongming Island Wetland

Yuping Qiang, Deputy Director of the Chongming District Development and Reform Commission, said the terrain of Chongming Island looks like a silkworm baby. It is higher in the west and lower in the east. It lies slanted at the intersection of the Yangtze River and the East China Sea.

"Shanghai Chongming District has a total area of 1,413 square kilometers and currently has a permanent population of nearly 640,000. It is mainly composed of 3 islands. Chongming Island, which looks like a 'silkworm baby', is the third largest alluvial island in China, after Taiwan Island and Hainan Island. The remaining two islands in Chongming are Changxing Island, a marine equipment manufacturing base, and Hengsha Island, a leisure resort island. In 2023, the area's forest coverage rate exceeded 30.7%, carrying about 40% of Shanghai's ecological resources and 50% of the ecological service function." Yuping Qiang said.

On November 24, 2023, in order to implement the "Outline of the Chongming World-Class Ecological Island Development Plan (2021-2035)", we will adhere to the establishment of an ecological island, help Chongming find a new path of green and sustainable development, and demonstrate the "people-oriented" modernization of China. As a construction example of "living harmoniously with nature", the Shanghai Municipal Development and Reform Commission issued

the "Special Support Policy for Promoting the Construction and Development of Chongming World-class Ecological Island".

With the release of the first round of "Special Development Support Policies", it means that this world-class ecological island will usher in new impetus for development, and the future is even more promising.

## **After over a decade of eco-island construction, Chongming's "1% waterbird species count" has more than doubled**

Title: 经十余年生态岛建设，上海崇明“1%水鸟物种数”提升一倍多

Time:2024-02-02

Media: The Paper

Link: <https://baijiahao.baidu.com/s?id=1789780176858021859&wfr=spider&for=pc>

Abstract:

February 2, 2024 is the 28th World Wetlands Day.

A reporter from The Paper (www.thepaper.cn) learned from the Shanghai Greening and City Appearance Bureau that according to the third national land survey, the wetland area in Shanghai is about 72,700 hectares, including coastal tidal flats, inland tidal flats, forest swamps and other types, including 2 internationally important wetlands, 1 nationally important wetland, and 13 municipally important wetlands.

Wetlands nurture many lives and are important habitats for birds. After more than ten years of ecological island construction, the "number of 1% waterbird species" on Chongming Island has more than doubled from 7 species in 2011 to 16 species in 2023. (Note: If the number of a certain bird in a certain wetland reaches or exceeds 1% of its migration route or global population, it is referred to as 1% of bird species. This wetland should be recognized as an internationally important wetland.)

In mid-to-late November 2023, Chongming Dongtan Bird National Nature Reserve conducted a special survey of winter migratory birds and recorded more than 40,000 birds of 53 species inhabiting the reserve. Among them, there are 1816 cygnets, 47 bald cranes and 72 oriental white storks. The number of Oriental white storks, a national first-level protected animal, set a record high in the reserve.

In December 2023, 7 wild whooping cranes were recorded in the reserve, the highest number recorded within the reserve's boundaries in years.

In addition, rare mute swans, red stork and other birds have been recorded in the reserve. In early January, a red stork was also recorded in Fengxian Bihaijinsha.

Before and after World Wetlands Day, the Shanghai Forestry Administration and the forestry departments of various districts organized a variety of wetland day publicity activities to strengthen public awareness on exploring a win-win path for wetland protection and utilization. On February 2, at Songjiang Maogang Wetland, 22 groups of families started a New Year's Happy Run, exploring the wonders of the wetland by unlocking 6 levels including "Little Experts in Wetland Protection" and "Wetland Plant Photos". The forestry department popularized and publicized the "Wetland Protection Law" in conjunction with the publicity activities of the wetland, an important habitat for birds and wildlife in Maogang, to increase the public's awareness of wetland protection. On February 3, the forestry department will organize a science popularization activity on "Understanding Invasive Species" at Jinhai Wetland Park, create nature notes, and conduct bird watching activities.

## **Shanghai Chongming escorts the construction of a world-class ecological island through the rule of law and creates a new win-win situation for all parties in green development**

Title: 上海崇明法治护航世界级生态岛建设 打造绿色发展多方共赢新格局

Time:2023-05-06

Media: China Peace

Link: <https://baijiahao.baidu.com/s?id=1765108425693168664&wfr=spider&for=pc>

Abstract:

“1+X” is a legal security system tailored for the construction of world-class ecological islands in Chongming District, Shanghai in recent years. It is understood that "1" refers to a local regulation, and "X" refers to multiple government regulations and municipal normative documents. The governance content covers ecological environment protection, industrial structure adjustment, waste management, etc.

Chongming Island is the world's largest estuary alluvial island and the third largest island in China. It is known as the "green lung" of Shanghai. Since the beginning of the 21st century, it has begun the course of ecological island construction and since 2016, new steps have been taken to build a world-class ecological island.

Recently, a reporter from the "Rule of Law Daily" came here to visit the obvious results and vivid cases of local rule of law escorting the construction of a world-class ecological island in recent years.



The picture shows the ecological sheriff patrolling the river to deal with river cages. Chongming Hengsha Police Station.

## **Chongming Selected as a Typical Case of "Top 10 Service Organizations" in Green Rearing Cycle Agriculture Pilot Project of Ministry of Agriculture and Rural Development in 2023**

Title: 崇明入选 2023 年农业农村部绿色种养循环农业试点“十大服务组织”典型案例！

Time:2024-01-08

Media: Shangguan

Link: <https://sghexport.shobserver.com/html/baijiahao/2024/01/08/1230430.html>

Abstract:

In November 2023, the Ministry of Agriculture and Rural Affairs Plantation Management Department and the National Agricultural Technology Extension Service Center of the central financial support of the green breeding cycle of agricultural pilot projects carried out a three-year work summary of the activities for the green planting and breeding circular agriculture pilot project and discussed the technical model of manure return to the field and county-level projects. Data were compiled on typical cases of implementation and typical cases of service organizations. A total of three categories of "Top Ten Typical Cases" were established across the country. The **"Typical Case of Liquid Manure Returned to the Field by Shisheng Island Ecological Science and Technology Co., Ltd. in Chongming District, Shanghai"** was successfully selected as one of the **"Ten Typical Cases of Service Organizations"**.



## **Ecological island to create "Yangtze River Delta Agricultural Silicon Valley" - Shanghai Chongming "green and gold" in the new agricultural track ran "acceleration"**

Title: 生态岛打造“长三角农业硅谷”——上海崇明“增绿添金”在农业新赛道跑出“加速度”

Time:2024-04-08

Media: Xinhuanet

Link: <http://www.xinhuanet.com/20240408/62c947de4fae41c7b82f7e4614bfc090/c.html>

Abstract:

On the field ridges, unmanned agricultural machinery shuttle operations; in each greenhouse, the water and fertilizer integrated irrigation system takes care of the three-dimensional planting "vegetable workshops"; in the ponds, the new strain of river crab "Chongming No. 1" takes crabs into the water and "settles down". In the vast fields of Chongming District in the outer suburbs of Shanghai, seemingly ordinary spring plowing scenes contain the new power of agricultural scientific innovation.

Chongming is the largest rural area in Shanghai, and agriculture is often regarded as a "cornerstone" of the international metropolitan economy. The ongoing construction and continuous promotion of a world-class eco-island has drawn a very strict ecological red line. To solve the problem of how to improve ecological quality and economic development, Chongming innovatively proposed to build "Yangtze River Delta Agricultural Silicon Valley", closely linked to the construction of the Shanghai International Science and Technology Innovation Center, the Yangtze River Delta integration and other major strategies, opportunities, focusing on the new quality of productivity in the field of agriculture, to carry out the key core technology research and development in the construction of the ecological island of the new journey, the new track runs at an "accelerated pace".

## **Chongming world-class ecological Island will become a "Chinese model" of harmonious coexistence between man and nature in 2035**

Title: 2035年，崇明世界级生态岛将成为人与自然和谐共生的“中国样板”

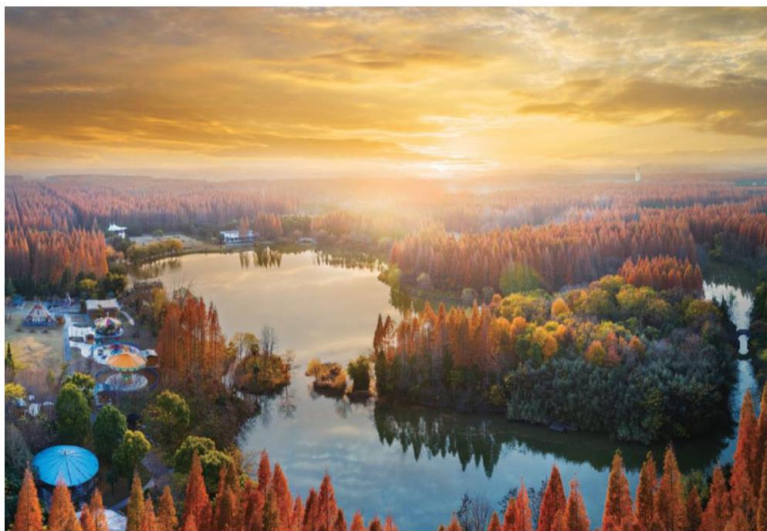
Time:2022-01-14

Media: People

Link: <http://sh.people.com.cn/n2/2022/0114/c134768-35095776.html>

Abstract:

People's Daily Online, Shanghai, January 14 (Xiaoli Tang) This morning, at a press conference held by the Shanghai Municipal Government, Shanghai Vice Mayor Chenlei Peng introduced the "Outline of the Chongming World-Class Ecological Island Development Plan (2021-2035)" relevant circumstances. The "Development Outline" proposes that by 2035, Chongming's world-class ecological island will become a "Chinese model" for the harmonious coexistence of human beings and nature.



Scenery of Chongming Island. Photo by Chongming Information Office

Chongming is Shanghai's most precious, irreplaceable, and future-oriented ecological strategic space. After 20 years of efforts, Chongming has made remarkable achievements in ecological protection. The quality of the ecological environment has been ranked among the best in Shanghai. Industrial transformation and people's livelihood and welfare have been improved. The ecological demonstration effect has been significantly enhanced. The ecology foundation of water, soil, forest, air and beach has been established. The foundation has initially formed a development framework of "win-win" for ecology, production and life.

Recently, the Shanghai Municipal Government officially issued the "Outline Development Plan for Chongming World-Class Ecological Island (2021-2035)". There are three main general considerations: first, to contribute to the China program of "harmonious coexistence of man and

nature"; second, to demonstrate the latest achievements of the Yangtze River Economic Belt's "joint efforts to achieve great protection"; and third, to explore new paths to realize the value of ecological products.

According to Peng Chenlei, the "Development Outline" is an action plan to guide the medium- and long-term development of the world-class ecological island, with a planning period until 2035. The "Development Outline" carries out forward-looking thinking and systematic planning for Chongming's world-class ecological island from the perspective of top-level design, and conducts all-round expansion and strategic improvement in terms of development connotation, development characteristics, and development quality. The main features of the "Development Outline" are: anchoring an overall goal, condensing ten key indicators, and focusing on four major action areas.

## **Appearance level changes value -- Chongming Ecological Island**

Title: 颜值变价值——走进崇明生态岛

Time:2022-01-14

Media: Xinhuanet

Link: <https://baijiahao.baidu.com/s?id=1772659117044580496&wfr=spider&for=pc>

Abstract:

The Yangtze River slowed down before flowing into the East China Sea, and sediment accumulated, creating Chongming, the world's largest estuary alluvial island and the third largest island in China. In midsummer in Chongming, cargo ships shuttle across the river, and gulls and herons gather along the waterfront. Practicing the concept of "two mountains", Chongming is innovating the path to realize the value of ecological advantages, continuing to explore the transformation of ecological beauty into economic value, and striving to create a benchmark for green development of the Yangtze River.

## Overlook China | Chongming, Shanghai: Migratory birds depart for the north at Dongtan

Title: 26. 瞰中国 | 上海崇明: 东滩候鸟启程北飞

Time: 2023-03-15

Media: Xinhuanet

Link: <https://baijiahao.baidu.com/s?id=1760430330562703244&wfr=spider&for=pc>

Abstract:

The spring is warming up the water. Migratory birds wintering in Shanghai will also end their "wonderful vacation" and start their journey back north one after another. In recent years, with the orderly ecological restoration work of Chongming Dongtan Bird National Nature Reserve, the number of bird populations has continued to expand, especially the number of trumpeter swans has increased significantly. Last winter, more than 2,900 trumpeter swans were recorded in the reserve, the largest number recorded in the past 20 years.



## **China's wisdom in near-zero emission transformation: How coal-fired thermal power plants can undergo an all-round green transformation**

Title: 26. 近零排放改造的中国智慧：燃煤火电厂如何全方位绿色转型

Time:2023-11-30

Media: twitter and facebook

Link: <https://twitter.com/CNS1952/status/1730198278392922308>

<https://www.facebook.com/ChinaNewsService/videos/993023738455547/>

Abstract:

Ten years ago, it was an undeveloped “wild beach”. In ten years, it has transformed into a coal-fired power plant with “ultra-ultra-low” emissions. The National Energy Group Ledong Power Plant, possesses one of the cleanest coal-fired power plants in the world, the Ledong Power Plant. In 2018, the plant took the lead in adopting multiple patent technologies, achieving the target of white smoke elimination from chimneys, zero wastewater discharge, and fully-recycle of solid waste. The emission levels of atmospheric pollutants in flue gas, including dust, sulfur dioxide, and nitrogen oxides are at a world-leading standard. It has pioneered the ultra-ultra-low emission of coal-fired sets, achieving the International Energy Agency's 2030 emission target 12 years in advance. From thermal power to a variety of green resources, Ledong Power Plant develops solar photovoltaic power generation projects. By installing photovoltaic panels on building rooftops within plant area, the annual power generation is approximately 278 million kilowatt-hours, saving about 85,000 tons of standard coal, reducing 225000 tons of carbon dioxide emissions annually while brings significant environmental and economic benefits. Taking advantage of green electricity resources based on water desalination, the plant promotes seawater electrolysis projects for hydrogen production which provides strong support for building China's Hainan into an Island of clean energy. Ledong Power Company serves the society amid pollution amid pollution- and carbon-reduction. It possesses the largest seawater desalination facility in Hainan, China, capable of producing 260 tons of fresh water per hour. This ensures self-sufficiency of industrial and living water within the plant and provides free drinking water to local residents at the same time. The plant collects industrial and living wastewater and local domestic sewage to recycle and uses the treated water for landscaping and irrigation, achieving “zero’ wastewater discharge. The generation from the sewage plant in its high-temperature chamber makes great contributions to local environment governance. A sound ecosystem is essential for the prosperity of civilization. Ledong Power Generation CO.LTD., deeply practices the concept of lucid waters and lush mountains, which are invaluable assets and receive remarkable results in pollution and carbon reduction, achieving the target of white smoke elimination from chimneys, zero wastewater discharge, and the full recycling of solid waste. Ledong Power Plant has offered a solution imbued with Chinese wisdom to the world.