



生态环境部（国家核安全局）

Ministry of Ecology and Environment (National Nuclear Safety Administration)



China's EIA Law for Nuclear Energy-related Activities

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Ministry of Ecology and Environment**



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EIA Relative Law

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EIA Legal System



40 years ago Beijing









中新网

ChinaNews.com



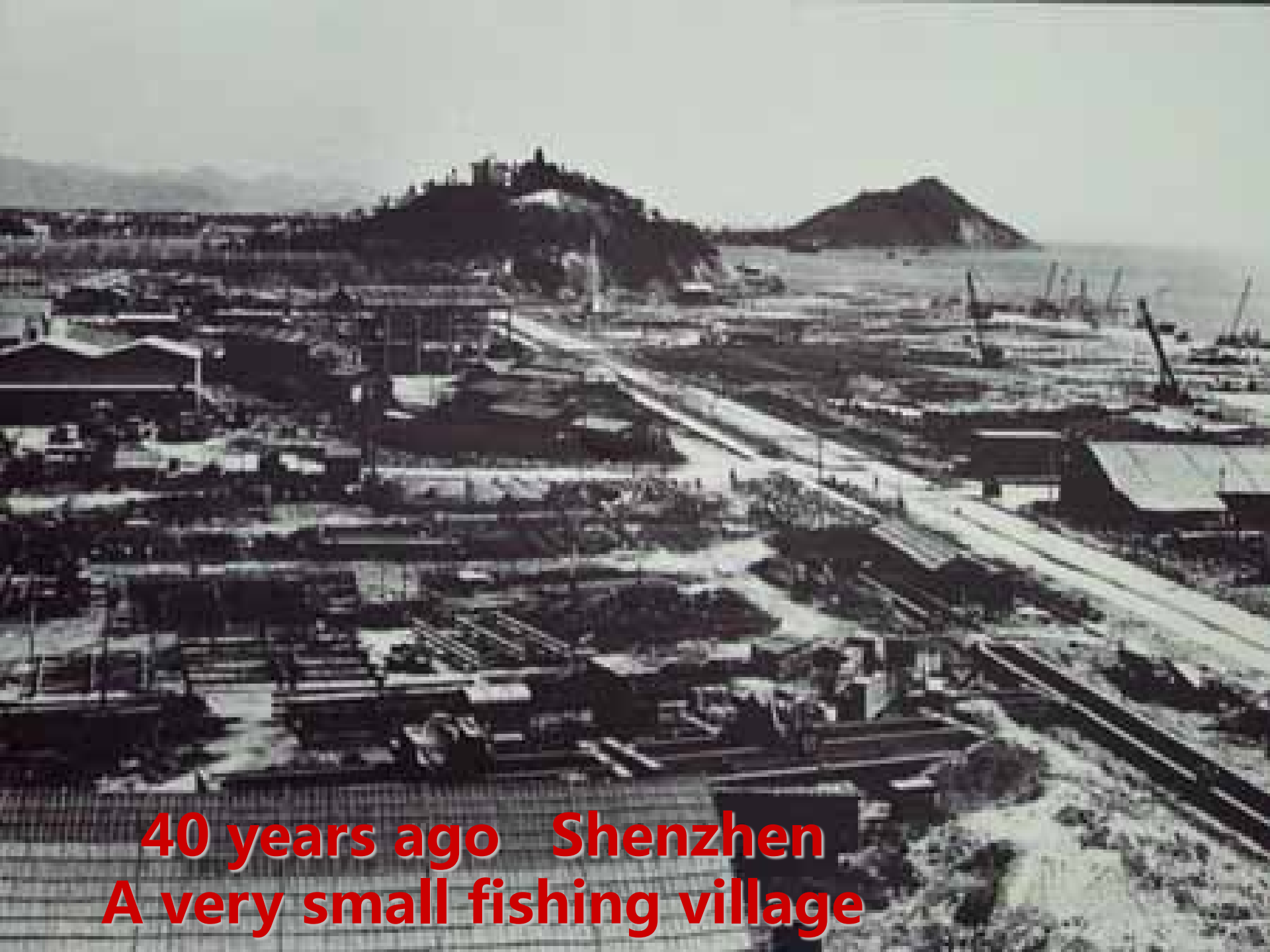
西 W
A
建国路 (东二环)
Jianguo Rd. (Dong Erhuan)
东南三环
Southeast 3rd Ring Rd.
(双桥立交)
(Shuangqiao Interchange)
通惠河北路
Tonghui North Rd.
国贸桥
Guomao Bridge
东北三环
Northeast 3rd Ring Rd.
(东直门桥)
(Dongzhimen Bridge)
光华路
Guanghua Rd.





Daya Bay Nuclear Power Plant



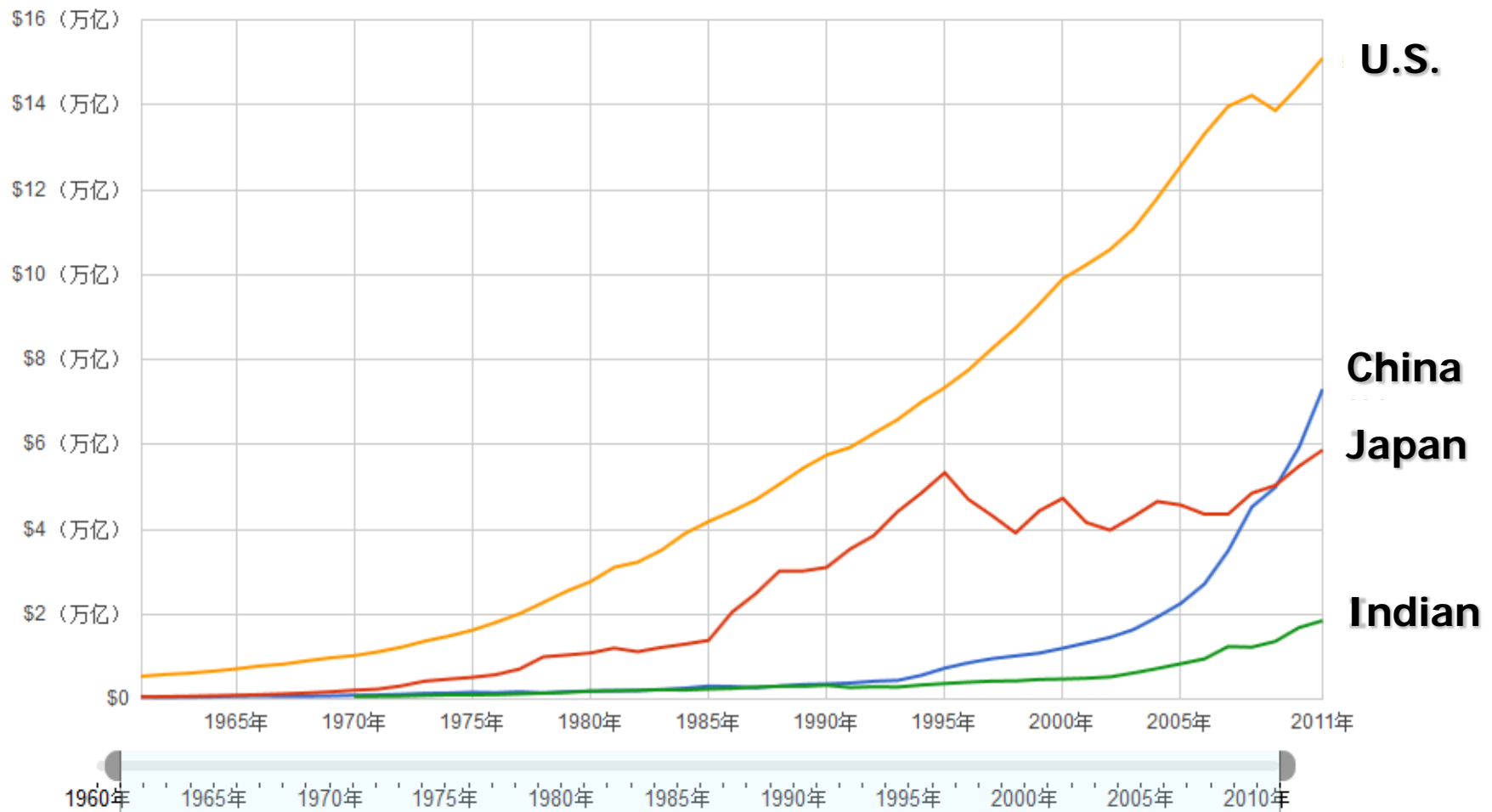


40 years ago Shenzhen
A very small fishing village



In the past 40 years, China's reforms have been successful in economic dev't and social progress

Gross Domestic Product Growth Rate



**China's GDP: The World's
Second-Largest Economy from 2011**

Vows to “Build a beautiful China“ in 2012



Xi Jinping, the general secretary of the
Communist Party of China Central

Environmental Protection Law



First Release:
1979-04-24

Newly Amended:
2014-04-24

Come into Effect:
2015-01-01

Environmental Protection Law

The Most Strict Env'l Law in China's History

**THE WALL
STREET
JOURNAL.**

China's New Environmental Protection Law:



**The most Substantial
Step Toward
Fighting Pollutant**



China's New Environmental Protection Law:

**The Leadership Take
Threaten by
Pollution Seriously**



Fire Power Plant



Fire Power Plant





Dev't Nuclear Energy to bridge the gap in
energy supply, and address the
challenges





The Nuclear Power Plant in China



- Totally 56 Npp units in 13 sites
 - 45 NPPs are in operation
 - 11 NPPs are under construction
- China has world's largest nuclear power capacity under construction

Nuclear Safety Law



No. 73 Order
of the President
of the P. R. C

Adopted:
2017-09-01

Come into Effect:
2018-01-01

Adopted after a third reading of
the Standing Committee of the NPC



中新网

ChinaNews.com

Env'l Impact Assessment Law



First Release:
2002-10-28

Newly Amended:
2018-12-29

Come into Effect:
2018-12-29

Prevention and Control of Radioactive Pollution Law



Adopted:
2003-06-28

Come into Effect:
2003-10-01



EIA Relative Law

- **Env'l Protection Law (2015)**
- **Env'l Impact Assessment Law (2018)**
- **Nuclear Safety Law (2018)**
- **Radioactive Pollution Prevention and Control Law (2003)**



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EIA Legal System

EIA Legal System

- 1. Whole Process EIA**
- 2. Information Disclosure**
- 3. Public Involvement**



1. Whole Process EIA



- **Before** conducting examination and approval procedures for **the siting of a nuclear installation**,
- an **environmental impact report shall be drawn up**, which the Ministry of Ecology and Environment (**MEE**) shall evaluate and approve,
- **if approval is not given**, the competent department **can not issue approval documents** for the siting of the nuclear installation.

Article 18

Prevention and Control of
Radioactive Pollution Law



1. Whole Process EIA



- Before **construction**, **loading fuel**, **operation** or **decommissioning** of a nuclear installation,
- the operating organization of nuclear installation shall, in accordance with the relevant provisions on nuclear installation safety regulation
- apply for a nuclear installation **construction** and **operating licence**, as well as request evaluation and approval for **fuel loading** and **decommissioning**.

Article 19

Prevention and Control of
Radioactive Pollution Law



1. Whole Process EIA



- The operating organization of nuclear installation **can only construct, load fuel, operate, or decommission** a nuclear installation
- **after the relevant licence has been issued** and the approval documents **have been received**

Article 19

Prevention and Control of
Radioactive Pollution Law

Whole Process EIA

- Siting
- Construction
- Loading fuel
- Operation
- Decommissioning

Nuclear Installation

- **Nuclear power plants** (nuclear electricity plants, nuclear thermal plants, nuclear industrial heating plants, etc.)
- **Other reactors** (research reactors, experimental reactors, critical facilities, etc.)
- **Nuclear fuel** fabrication, processing, storage and reprocessing facilities
- **Radioactive waste** management
- **Disposal facilities**



2. Information Disclosure



- Gov't Information Disclosure
- Operator Information Disclosure



Article 63 The Environmental Protection Bureaus shall **disclose** nuclear safety supervision report, radiation monitoring, administrative permits, nuclear accidents.

Nuclear Safety Law



Env'l Radiation Monitoring



- **1534** National monitoring Stations
- Around NPPs and other important nuclear installations
- Publication of the **real-time** monitoring data



Operator Information Disclosure



Article 64 The unit that operates nuclear installations **shall disclosure their types and concentration of radioactive nuclides** in the environment surrounding the nuclear installations, annual nuclear safety report, and receive public supervision

Nuclear Safety Law



3. Public Involvement



- Release Full Text of EIA Report
- Public Report Hotline



Release Full Text of EIA Report



Article 56 The project owner of a construction project shall explain relevant situations to the potentially-affected public when preparing the env'l impact report, and **solicit public opinions**.

The department that is responsible for the examination and approval of EIA reports for the construction project **shall make public the full text of** environmental impact reports of the construction project upon receipt thereof with exception of commercial secrets and confidential circumstances as specified by the State.

**New Env'l Protection
Law**

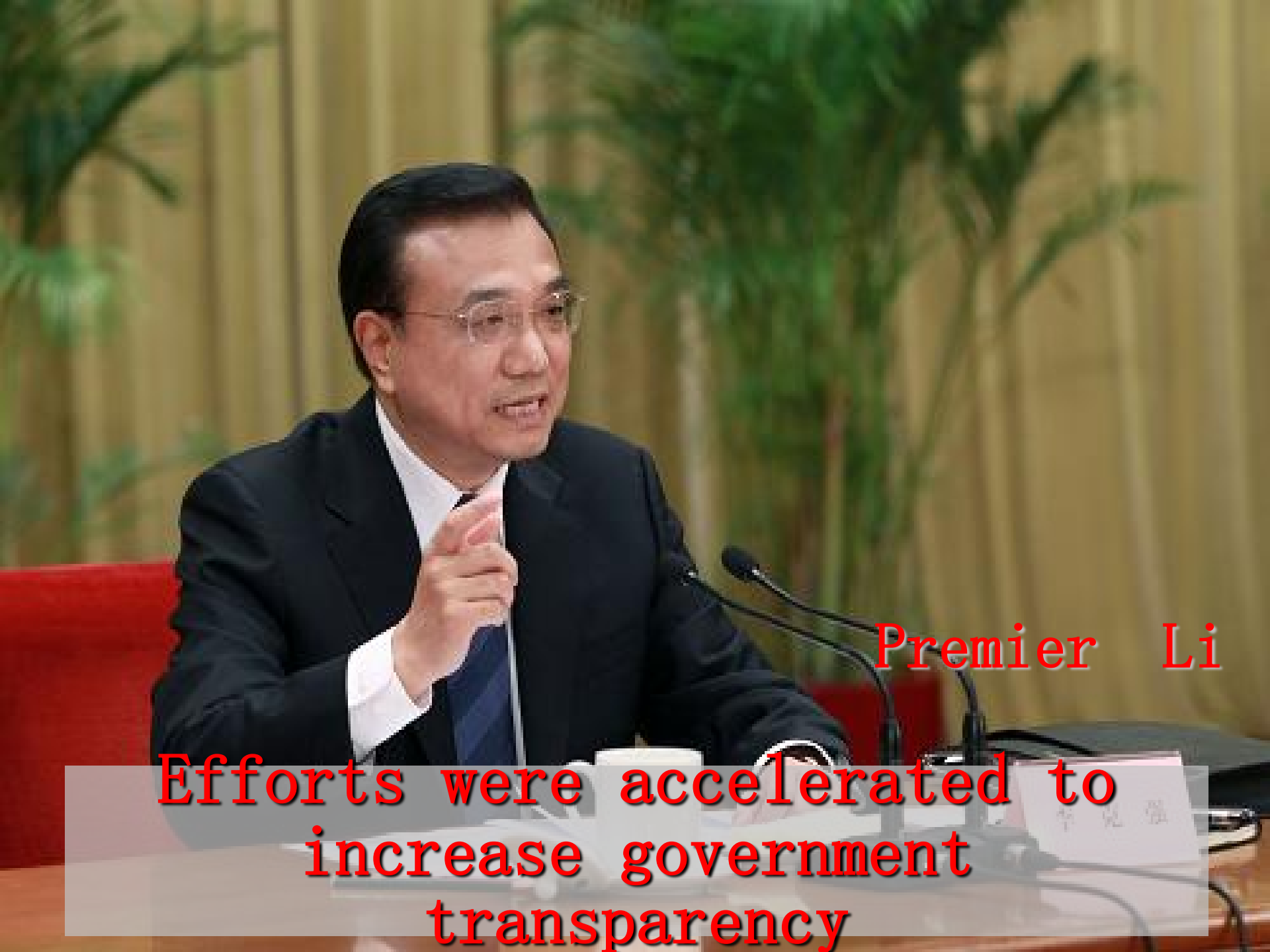


Release Full Text of EIA Report



- Public have a right to worry about their safety and demand that the dangerous material is not in their backyard
- Communicate with the public patiently to earn their trust

NEW ENVIRONMENTAL PROTECTION
Law



Premier Li

Efforts were accelerated to
increase government
transparency

12369:Public Report Hotline



**Disclose telephone number
to facilitate public report**



Public Report Hotline

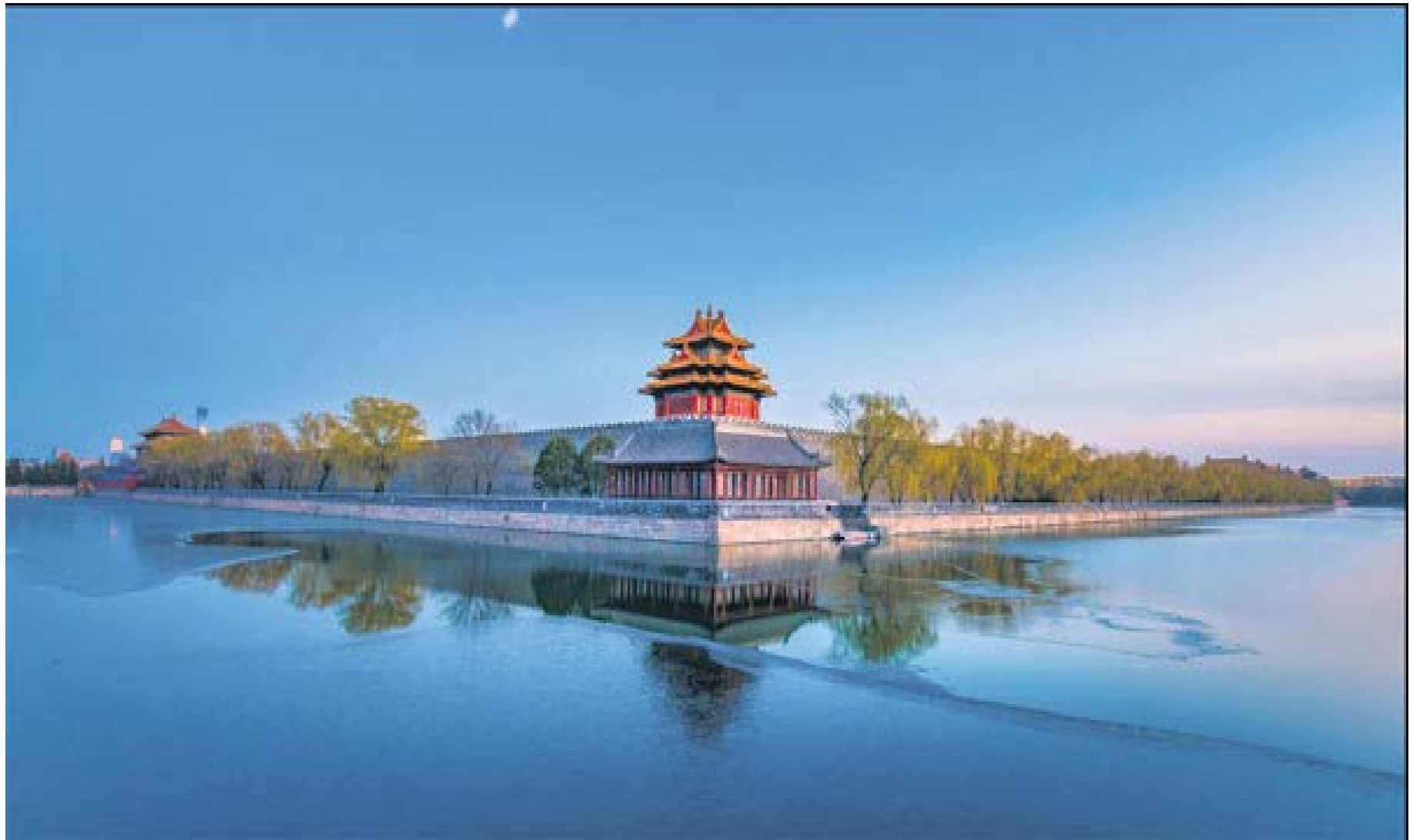


Article 57 Citizens, legal persons and other organizations **shall be entitled to report and complain** environmental pollution and ecological damage activities of any units and individuals to MEP, EPBs or other relative departments.

New Env'l Protection
Law



Air quality had been improved
evidently



The Forbidden City looks beautiful in
the clean air on Nov 29, 2018



Tourists Pose in front of Tiananmen Square in Beijing on Dec 15, 2018

New York Times

March 12th, 2018

- Following the encouraging news from the Energy Policy Institute at the University of Chicago (EPIC) last week
- The improvements in air quality in China have been “remarkable”
- China has achieved in 4 years what it took the US 12 years to make happen after the Clean Air Act of 1970.

Regulation
Principle
Independent
Open
Law-governing
Rational
Effective

Way of Regulation
More Strict
More Prudent
More Delicate
More
Pragmatic





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**Thank you
for your attention**