

Green Supply Chain in Real Estate Industry in China

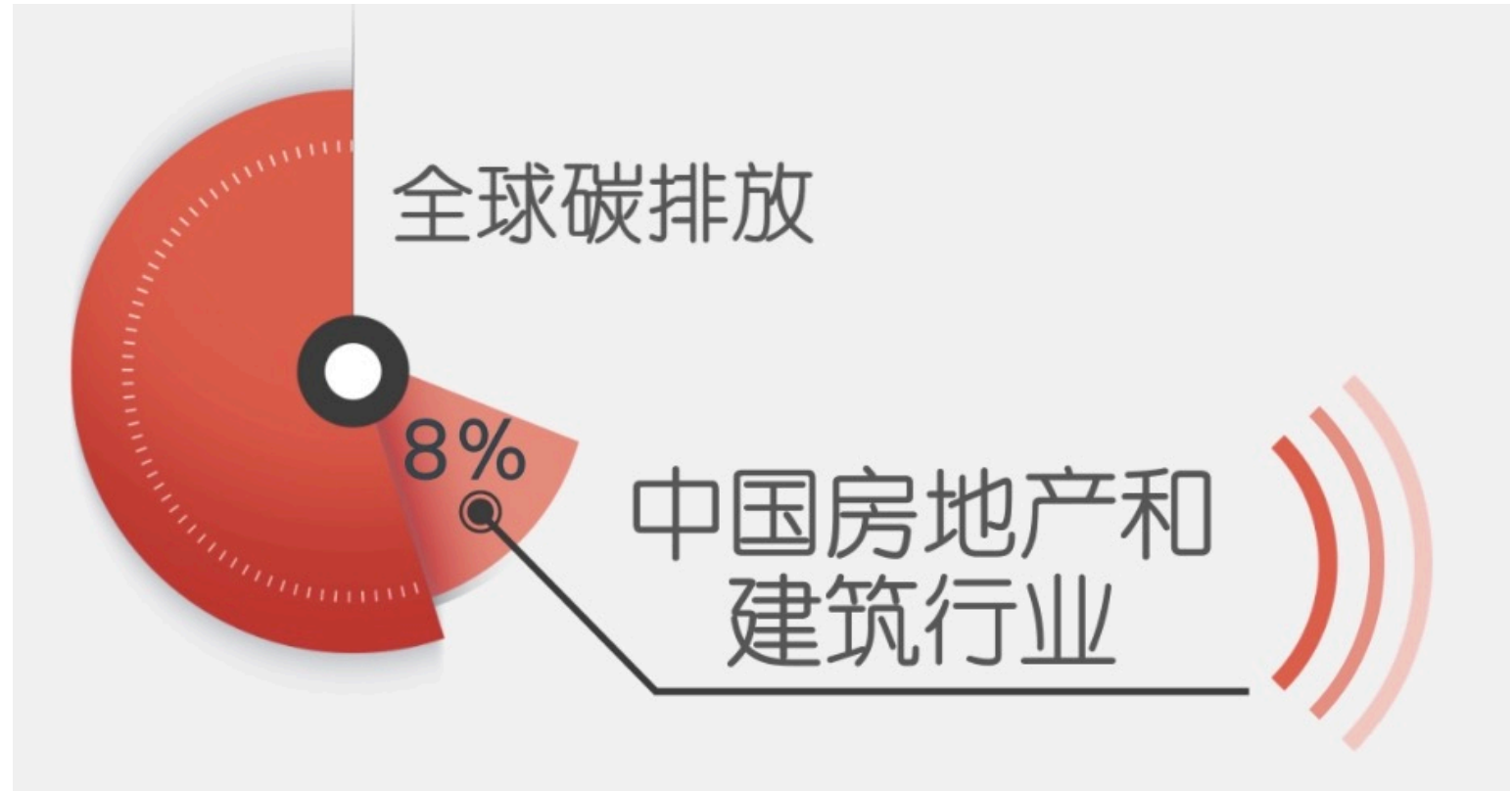


阿拉善SEE
SOCIETY OF ENTREPRENEURS & ECOLOGY



Background

- ❖ China is accountable for **20%** of the world's carbon emissions.
- ❖ China's real estate and construction industries producing **40%** of the country's total carbon emissions, which is **8%** of global carbon emissions.



■ Launch the program

On **June 5, 2016**, SEE joined together with China Urban Realty Association, China Real Estate Chamber of Commerce, Vanke, and Landsea Green Properties, to launch the program “**Green Supply Chain in the Real Estate Industry in China.**”



LANDSEA朗诗
绿色地产

As of April 2018, **90** real estate companies, representing sales revenue of 1.9 trillion RMB or **17%** of the whole sector, have joined the program and more than **2,000** upstream suppliers are engaged.

vanke 万科
赞美生命 共筑城市

荣华控股
ROFFAR

MOA 当代置业

Hisense
海信地产

FOSUN PROPERTY
复星地产

GOLD MANTIS
Construction 金螳螂
Diversified 多元化

益达投资

中大地产

世嘉集团
SUN GROUP

天宁营造
TIANNING CONSTRUCTION

高新地产

中粮
COFCO
中粮之食 幸福之源

天泰

居易国际

三盛宏业

天鸿地
TENHONG

SunnyWorld®
新地集团

天宁营造
TIANNING CONSTRUCTION

富华·置地

华远地产
HUAYUAN

人信地产

泰禾集团

天盛地产
TENSUNG LAND

Hodo 红台置业

SINCERE 世联

世聯地產



Mechanism





White papers of purchasing standard

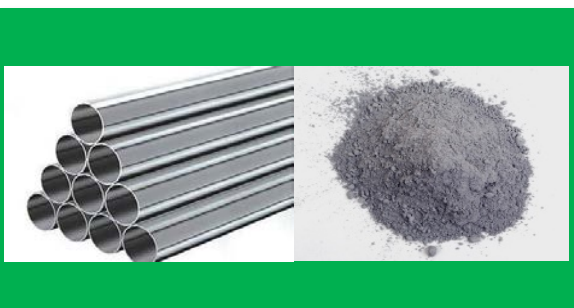


“White Papers of Purchasing Standards for Green Supply Chain in Real Estate Industry in China” was officially issued at COP22 in Marrakech, Morocco, in November 2016.



Five Green Procurement categories

Heavy pollution control (steel, cement)



Aluminum alloy without chromium



Legalization in timber sources



Formaldehyde control in artificial board



HBCD control in insulation material



Release of “White List”



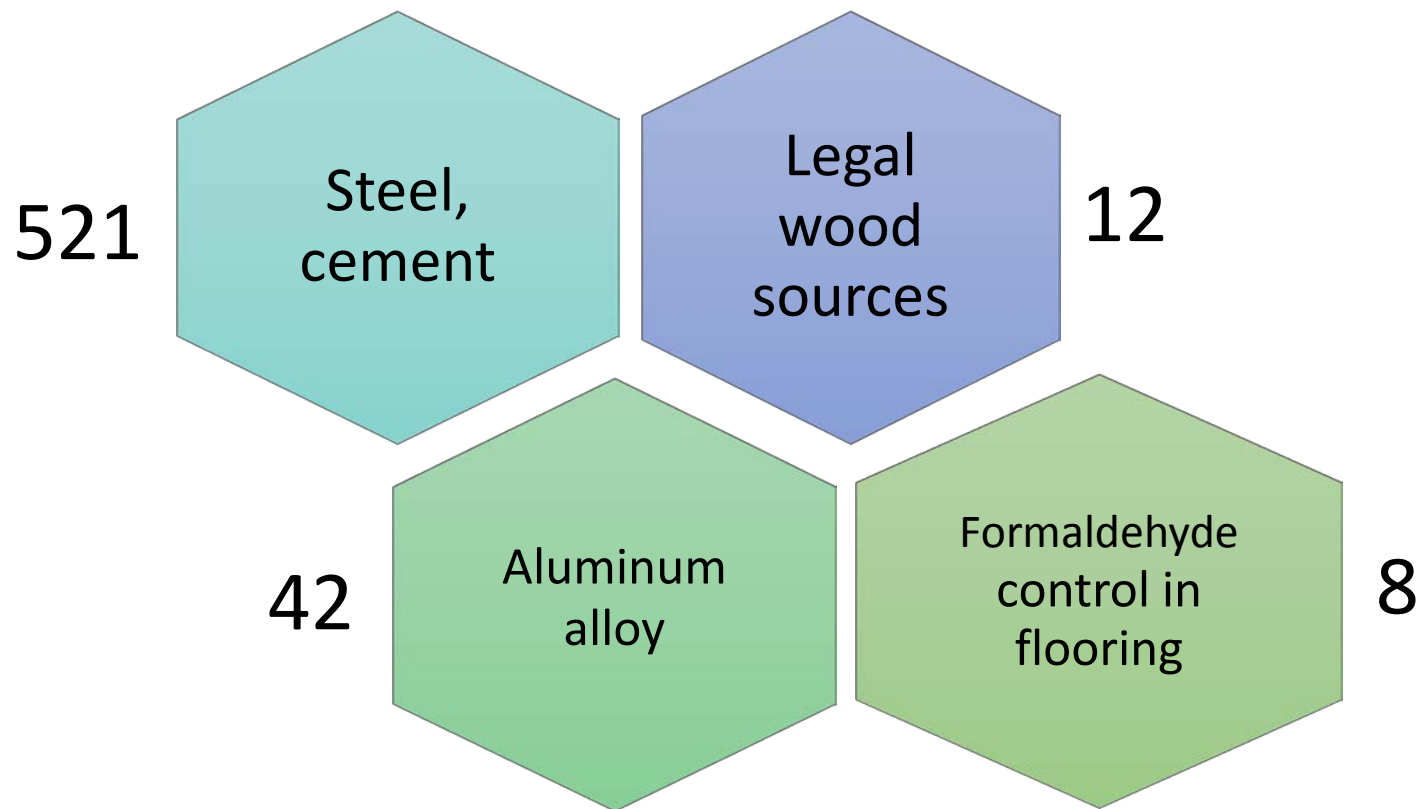
- On March 22, 2017, the first batch of White Lists of Green Supply Chain in Real Estate Industry was officially released.
- On June 5, 2017, the second batch of White Lists was released.





White Lists

To date, the White Lists have been issued for 577 companies



Potential carbon emission in the future



5000000TON
=PORTUGAL



×90000000

By **2020**, we can reduce annual CO₂ emissions by **50 million tons** through the improvement of the per-unit energy consumption of steel, cement, and aluminum alloy profiles.

This amount **is equivalent to** the total emissions of Portugal in 2015, and also the emissions of an airplane circling the earth **9 million** times.

Potential carbon emission in the future



8900000000 TON
= 2015 UK × 2

By 2025, we will expand our influence to various spheres of everyday life, including the automobile, chemical, and civil engineering industries. The expansion of the green supply chain program is expected reduce emissions totaling **890 million tons** of CO₂, an amount equivalent to **twice** the total emissions of the UK in 2015.



Official website of this program (www.cura.cn)



The official website www.cura.cn launched on January, 2017





In the future



More green purchasing categories and White Lists

Such as stones & paint



Update “White list” to “Green List”

Pollution control → Carbon emission control



More real estate companies
(TOP100)

90 → about 600



Green finance

Green loans and green credit

Green Finance

The “Green Finance Committee,” TF Securities, and Landsea are promoting a **green finance case** based on the “white list” of the green supply chain program in real estate industry in China.



凝聚企业家精神 保护碧水蓝天

Exemplify Entrepreneurship,
Preserve Nature



阿拉善SEE
SOCIETY OF ENTREPRENEURS & ECOLOGY

Thanks for your attention!