

研究报告

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Research Report

2019-12-17 edition

TSINGHUA UNIVERSITY NATIONAL INSTITUTE OF FINANCIAL RESEARCH

Analysis of barriers to green finance supporting the development of green buildings

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Center of Science and Technology and Industrialization Development,
MOHURD

Joint research team

Abstract

The building construction industry is one of China's top three energy-consuming industries and one with great potential for emission reduction, therefore advancing the green development of the building industry is an absolute requirement for realizing green and low-carbon transformation of China's economy and its emission reduction goals. However, the present development of the green building industry is mainly supported through administrative means and fiscal funding. The intended purposes of market-based mechanisms such as green finance haven't been utilized. This article analyzes main obstacles in green finance

supporting the green building industry, including restrictions through macroeconomic-control policies over real estate, the incomplete supervision policies and corresponding measures by regulatory agencies, the mismatch between incremental costs and benefits of green building, financing difficulties faced by SMEs in the industrial chain, inactive consumer market, deficiencies in green finance incentive policies and supporting measures, as well as the lack of matching green finance products and instruments. Based on the above analysis, we propose several preliminary policy recommendations for further study.

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2013

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2014

16% 20%²

40%

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2020

2015 20% 20%

50% 59% 80%

6% 30% 40%

60%

20

2006

GB/T50378-2006

2014

GB/T50378-2014 2019

²

<https://www.cushmanwakefield.com.cn/images/upload/2/F206F82739ED49A68E11728C705F54EC.pdf>

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CMBS³ REITS

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8.2 CMBS

https://www.sohu.com/a/204982075_803365

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http://www.epicc.com.cn/renbao/zixunzhongxin/xinwen/201904/t20190408_14008.html

2019

9.47

9.9%⁵

45% 24%

11.04

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2017 6

21

8.30

1348

1.6%⁶

2017 22% 30%

2018 33% 28%

7% 9%⁷

25%⁸

⁵ 2019

<http://www.pbc.gov.cn/goutongjiaoliu/113456/113469/3865563/index.html>

⁶ 21

<http://www.cbrc.gov.cn/chinese/home/docView/96389F3E18E949D3A5B034A3F665F34E.html>

⁷

2018

<https://www.chinabond.com.cn/cb/cn/yjfx/zzfx/nb/20190227/150962459.shtml>

⁸ CBI, The Green Bond Market in Europe 2018: <https://www.climatebonds.net/resources/reports/green-bond-market-europe>

MBS

2017 2018

85%

15% - 30% (

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2.7%~9.3%¹¹

¹¹

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”CCER Chinese Certified Emission Reduction

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https://www.sohu.com/a/204982075_803365
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<https://buildings.lbl.gov/sites/default/files/mortgage-case-studies-9-26-17.pdf>

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