# Specific Impacts of China's 13th FYP on 5 Selected Copper End Use Markets

Maggie Yang, Vice Director, ACMR 17<sup>th</sup> of November, 2016 Shanghai

#### Legal Statement

The purpose of this presentation is to guide ICA programs and provide members information to make independent business decisions.

- 1. National 13th FYP Outline of national 13th Five Year Plan of China
- 2. NBS National Bureau of Statistics of China
- 3. NEA National Energy Administration
- 4. MOT Ministry of Transport of the People's Republic of China
- 5. CAAM China Association of Automobile Manufacturers
- 6. China IOL China Industry Online
- 7. ACMR All China Marketing Research Co., Ltd.

#### Antitrust Statement

#### ANTITRUST GUIDELINES FOR COPPER INDUSTRY TRADE ASSOCIATION MEETINGS

The following guidelines with respect to compliance with antitrust laws of the United States, Japan and European Community<sup>1</sup> are intended to govern the conduct of participants in copper industry trade association meetings, both at the meeting itself and in informal discussions before or after the formal meeting.

Price. Competitors should not discuss future prices (including terms of sale) of their products. There is no blanket prohibition against the mention of or reference to current or past prices but limits must be observed. Such references or mentions should occur only when necessary in connection with the development of association programs. For example, reference to a particular price level in comparing the cost of a copper product to a competing product is permitted. Whenever possible, such references should be discussed in advance with legal counsel.

Competitive Information. Competitors should not discuss the market share of a particular copper producer or copper fabricator's products. Furthermore, nothing should be said at a meeting which could be interpreted as suggesting prearranged market shares for such products or producer production levels. The overall market share of copper products may be discussed with regard to competition with non-copper products and general market acceptance.

New Products. Competitors should not encourage or discourage the introduction of a new product by another competitor or reveal a particular copper company's plans to change the production rate of an existing product or to introduce a new product. No company should disclose to another company whether it is in a position to make or market a new product. New products may be discussed in a technical manner or from the standpoints of competition with non-copper products and general market acceptance. In addition, proposed methods for and results of field and laboratory testing can be considered.

The Role of Legal Counsel. Legal counsel attends association meetings to advise association staff and other meeting attendees regarding the antitrust laws and to see that none of the matters discussed or materials distributed raise even the appearance of antitrust improprieties. During the course of a meeting, if counsel believes that the discussion is turning to a sensitive or inappropriate subject, counsel will express that belief and request that the attendees return the discussion to a less sensitive area.

A paper entitled "Copper Industry Trade Associations and the Antitrust Laws" is available upon request.

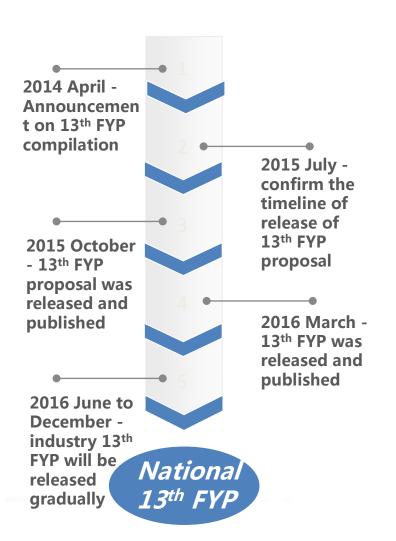
10/92, 5/93, 10/10

Other foreign competition laws apply to International Copper Association, Ltd. (ICA)'s activities worldwide.

#### Agenda

- ✓ Updates on China's 13<sup>th</sup> FYP
- ✓ Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast
- **✓ Summary**

### Updates on China's 13<sup>th</sup> FYP – National and Industrial Plans



#### **Updates on Industrial 13th FYP\***

	Total	Released	Release Soon
Building Construction	7	6	1
Power Infrastructure	12	9	3
Transportation	12	9	3
Home Appliances	5	4	1
Manufacturing	2	1	1
Nonferrous	1	1	0
Total	39	30	9

\*By the end of Nov 2016

### Updates on China's 13<sup>th</sup> FYP – Planned Achievements

#### Planned Achievements for 13<sup>th</sup> Five Year Period



GDP Growth >6.5%



Double GDP in CNY by the end of 2020



Double personal income by the end of 2020

Source: National 13th FYP

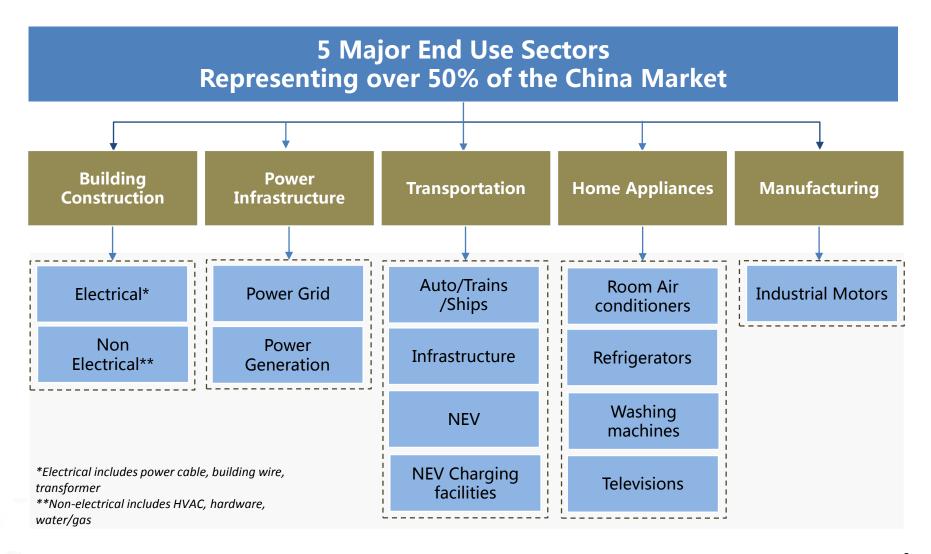
#### Updates on China's 13th FYP – Key Takeaways

- ✓ Messages contained in13<sup>th</sup> FYP are mostly positive to copper.
- ✓ This implies growth opportunities for copper in the future.
- ✓ Over 14% growth for the copper demand from 5 selected end use markets between 12<sup>th</sup> FYP and 13<sup>th</sup> FYP timeframe.

#### Agenda

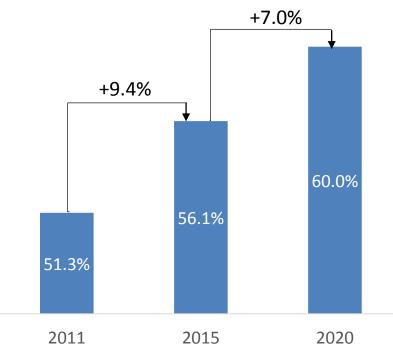
- ✓ Updates on China's 13<sup>th</sup> FYP
- ✓ Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast
- **✓ Summary**

### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Schematic



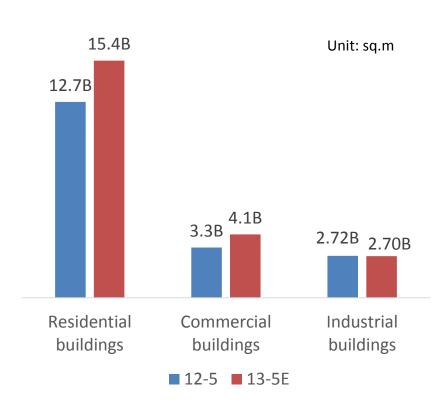
### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Building Construction

#### China's Urbanization Ratio 2011, 2015 and 2020

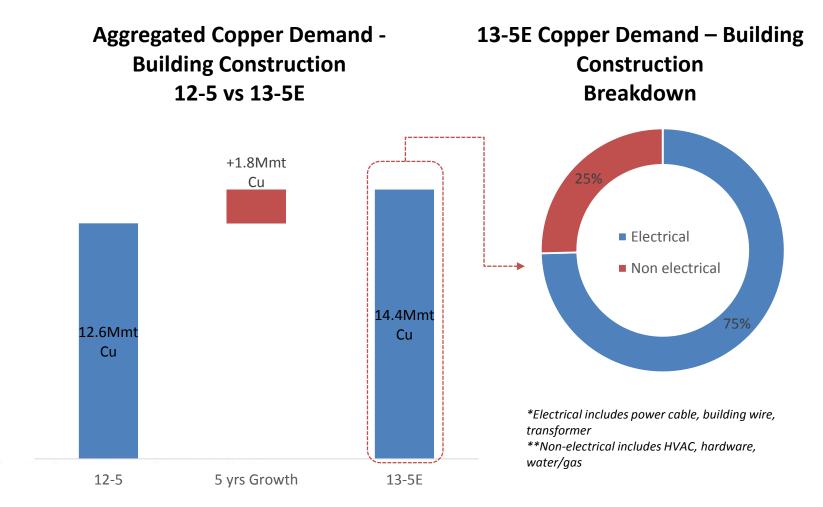


Source: NBS, ACMR

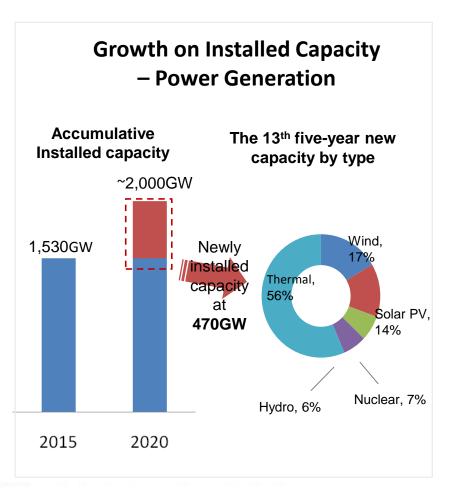
## Comparisons on Completed Floor Space by Type of Building 12-5 vs 13-5E

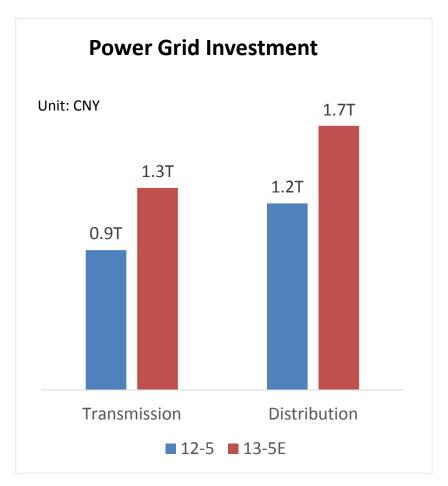


### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Building Construction



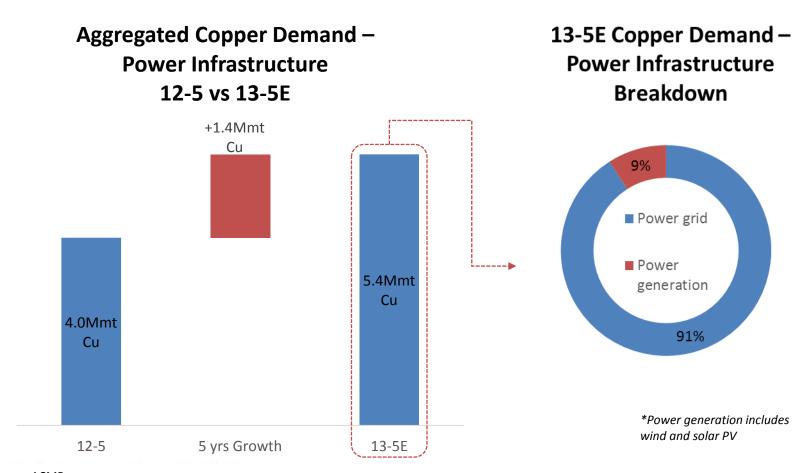
### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Power Infrastructure





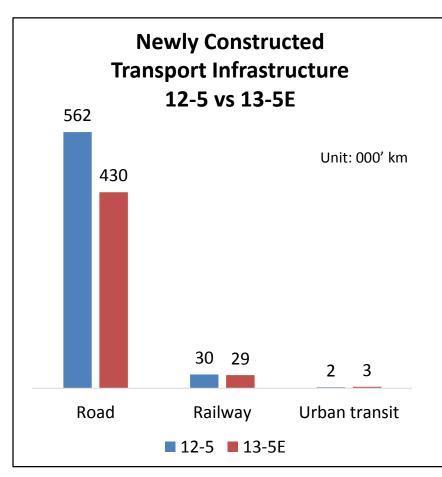
Source: NEA, ACMR

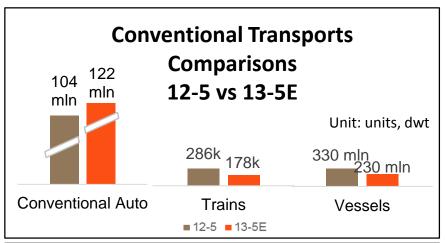
### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Power Infrastructure

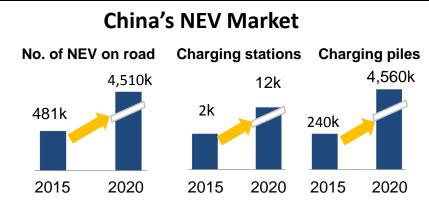


Source: ACMR

### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Transportation

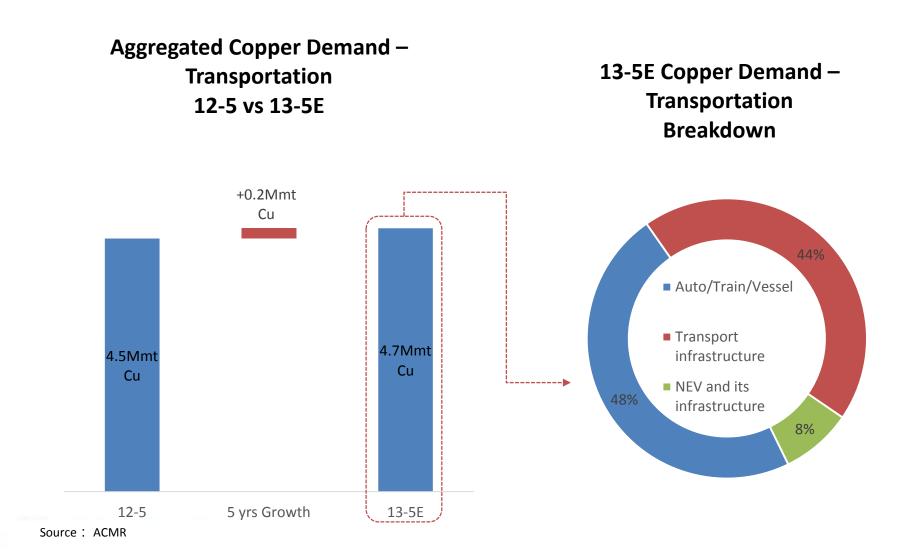




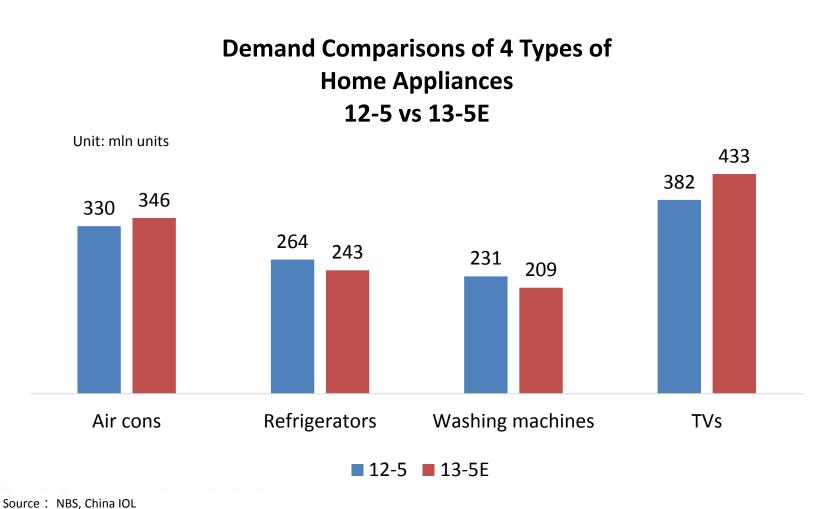


Source: MOT, CAAM, ACMR

### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Transportation

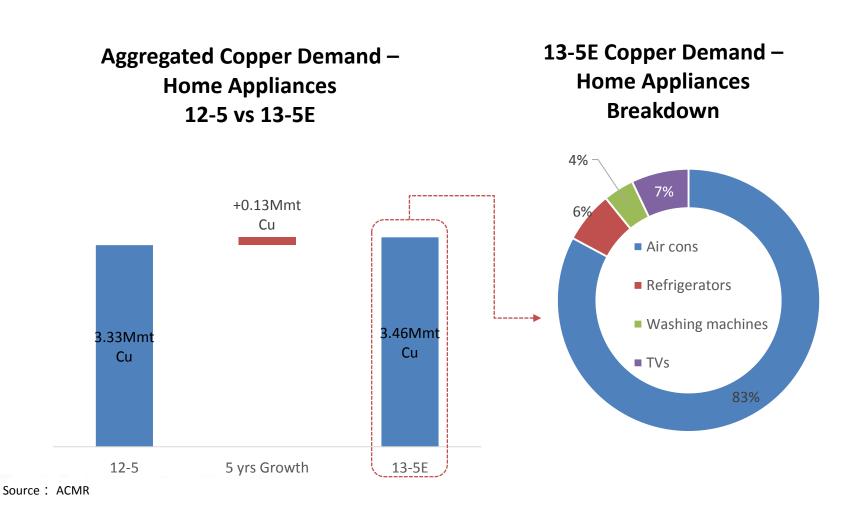


### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Home Appliances



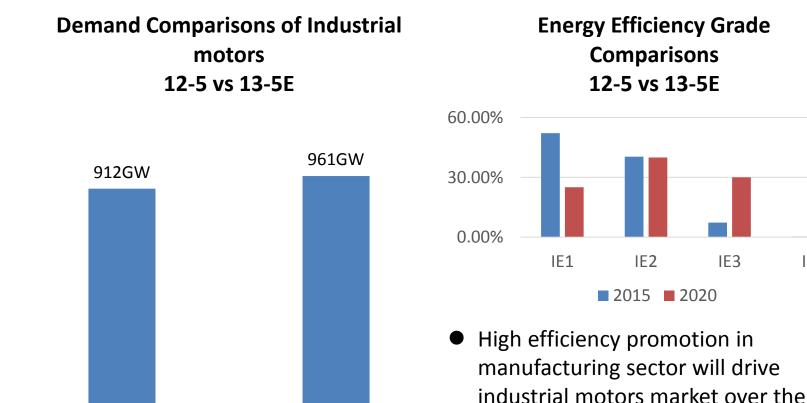
bource . NB3, cillia i

### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Home Appliances



17

### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Manufacturing



13-5E

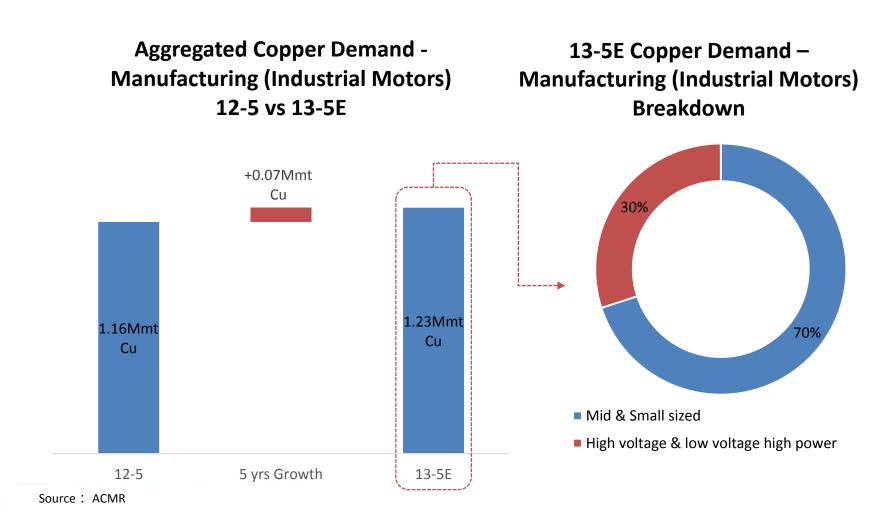
next five years.

Source: ACMR

12-5

IE4

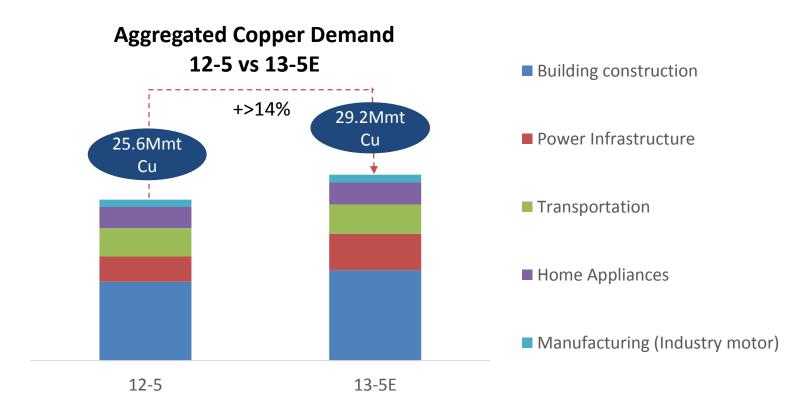
#### Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast – Manufacturing



#### Agenda

- ✓ Updates on China's 13<sup>th</sup> FYP
- ✓ Impacts on 5 Selected Copper End Use Markets & Copper Usage Forecast
- **✓ Summary**

#### Summary – Aggregated Copper Demand on 5 Selected End Use Markets between 12-5 & 13-5E



• It is estimated that over 14% growth for the copper demand between 12<sup>th</sup> FYP and 13<sup>th</sup> FYP timeframe.

Source: ACMR



#### Thanks!

For more information please contact: yangchuang@acmr.com.cn

One-Stop Shop for Business Information Needs in China