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Competitive Neutrality - Facts on Subsidy, Ownership and Competition

Submitted by: Gakushuin University



Free Trade Area of the Asia-Pacific Policy Dialogue on Competition Related Provisions from a Business Perspective 17-18 September 2020

Competitive Neutrality

Facts on Subsidy, Ownership and Competition

Mariko Watanabe¹

*Faculty of Economics Gakushuin University

Policy Dialogue on FTAAP Competition Policy 17-18 September 2020

- Motivation
 - Subsidy, Ownership and Competition
 - Institutions on Subsidy
- Empirical Findings from Cases of Several Industries
 - Ship Building
 - Iron and Steel
 - Semiconductor

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A Summary: Subsidy, Ownership and Competition.

- Subsidy is a focus.
 - Potential Source of Uneven Playing Field
- Ex Post vs Ex Ante Subsidy
- Subsidies towards SOEs vs Private
 - SOE: Ex post subsidy and distorting pricing
 - SOE: Ex ante subsidy and neutrally wasteful(?)
 - Private? Ex ante subsidy and accomplishment and positive externalities

Good Subsidy vs Bad Subsidy

- Good Subsidies? .
 - Positive Externality to the Industry
 - As long as the benefit is fairly distributed to the world
- Bad Subisidies?
 - Distorting Competition
 - Areement of Subsidy and Countervailling Measures (SCMA) deifnes explicitly.

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Explicit Subsidy or Implicit One?

- Explicit Subsidy is sufficiently problematic.
 - This will be disciplined by the Agreement of Subsidy and Countervailing Measures (SCMA).
- Implicit Subsidy is not the point.

Should be Disciplined Subsidies in WTO

- Subsidies with natures below should be disciplined.
 - Government or public bodies provides
 - Specific and Profitable Explicitly provide to specific firms and it is profitable.
 - Distorting Market prices or competition.
- Subsidies for R&D, environmental protection are NOT subject to discipline.
- Source: Agreement of Subsidies and Coutervailing Measures.

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Ship Building

- Subsidy reallocated ship building production to China from Japan and South Korea
 - Kalouptisdi (2018)
- Entry subsidies are wasteful.
- Targeting subsidies is less distorting and better off for the firm. But it is specific.
 - Jia-Barwick, Kalouptisidi, and Zahur (2019)
- Do not identify the ownership impact

Price is suppressed by subsidy

Table 10: Impact of Subsidies on Ship Prices

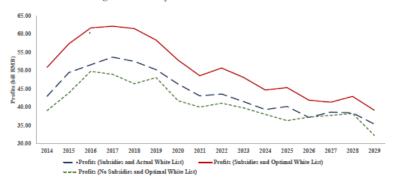
	Bulk	Tanker	Container
Subsidies, 2006-08	16.3	20.0	17.2
No subsidies, 2006-08	17.6	21.2	17.7
% difference	8.2%	6.2%	3.1%
Subsidies, 2009-13	8.8	8.1	9.2
No Subsidies, 2009-13	10.2	9.0	9.5
% difference	16.5%	10.6%	3.7%

Prices in 1000 RMB/CGT

Source Jia-Barwik, Kolouptisidi and Zahur 2019

Targeted subsidy is better off, but not competitive neutral

Figure 11: Industry Profits Under Different White Lists



Source Jia-Barwik, Kolouptisidi and Zahur 2019

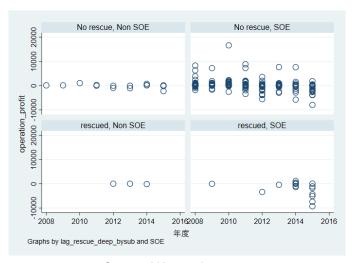
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Iron and Steel

- Ex post subsidies maintained deficit
- Ex post suppressed the market steel price
 - Watanabe (2020)
 - Data: Annual Reports 42 steel firms listed in stock exchanges in China from Sinofin Database. Industrial Yearbook.

Subsidized SOE maintains deficit



Source Watanabe 2020

Subsidized SOE suppressed the price: Bad Subsidies



Source Watanabe 2020

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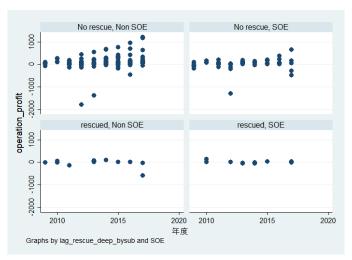
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Semiconductor: Subsidies goes to profitable firm

- The industry is key frontier of technological development
- OK under the WTO rules Subsidy
- Profitable firms received subsidies
 - Data: Sinofin Database
- Positive Externalities to consumer products
 - Subsidies to Qualcomm has increased investment and consumer surplus, positive externalites, in smart phone market in the United States.
 - Yang (2019)
- Subsidies in the industry is Good Subsidies

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Semiconductor: Subsidies goes to profitable firm



Source Sinofin Database

Subsidies increased social welfare: Good subsidies

Subsidy, and Change of Surpluses and Investment

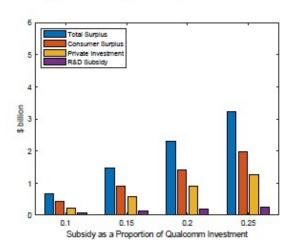


Figure 10.jpg

Source Yang(2020) Figure 10

Summary and Messages

- The first Ex post subsidy is harmful.
- The second Ex ante subsidy is wasteful. Or has positive externalities. Arguable.
 - If wasteful, easy to agree on a reasonable discipline.
 - If positive external, no discipline need to be imposed.
- The third Targeted subsidy is less harmful, but specific in terms of SCMA framework.
- Ex post **rescue-type-subsidies** are harmful.
 - Discipline in the trade and competition is feasible.

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Mariko WATANABE

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