

2018/SOM2/CTI/WKSP/005

## Non-Tariff Measures in Preferential Trade Agreements: Towards Deeper Integration

Submitted by: KIEP

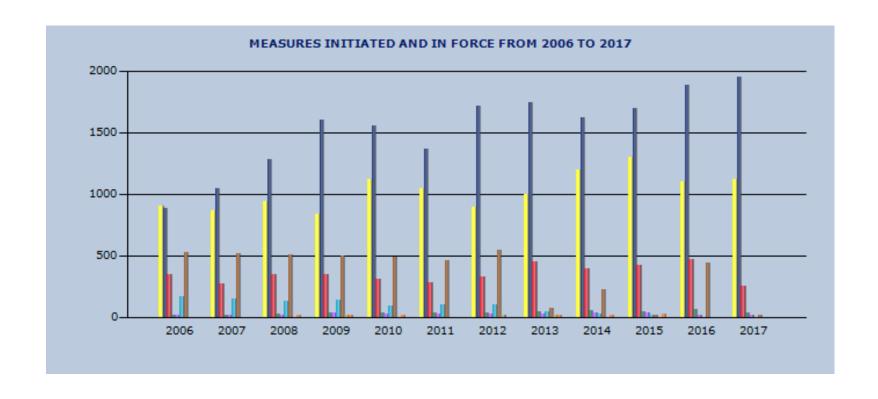


Capacity Building Workshop on Addressing Non-Tariff Measures in Free Trade Agreements and Regional Trade Agreements Port Moresby, Papua New Guinea 17 May 2018

# NTMs in Preferential Trade Agreements: Towards Deeper Integration

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# World NTMs Through Time



Source: WTO i-TIP (Accessed on: May 6, 2018)

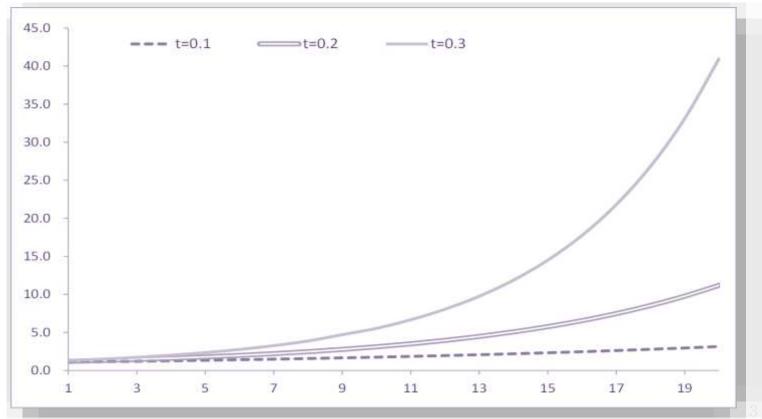
#### Cumulation of trade costs in global value chains

$$c(1) = (1+t)$$

$$c(2) = \frac{1}{2}(1+t)^{2} + \frac{1}{2}(1+t)$$

$$c(3) = \frac{1}{3}(1+t)^{3} + \frac{1}{3}(1+t)^{2} + \frac{1}{3}(1+t)$$

$$c(n) = \sum_{i=1}^{n} \frac{1}{n}(1+t)^{i}$$



# NTMs in Trade Agreements

- While trade arrangements mostly focused on tariff reductions in the past, more recent PTAs include provisions covering policy areas that go beyond this.
  - Regulatory issues such as services, intellectual property rights protection, investment, and competition policy among others

## PTA Dataset

- Horn, Mavroidis and Sapir (2010)
  - Classifies provisions into two groups
    - WTO+ areas, WTO-X areas
  - 14 US and 14 EU PTAs notified to WTO as of 2008
- WTO (2011)
  - Expands the data to 178 countries
  - 100 PTAs signed during 1958-2010
- World Bank (2016)
  - Expands the WTO database to 1958-Aug 2015
  - 279 PTAs signed by 189 countries

## WTO+ and WTO-X areas

- WTO+ (WTO plus)
  - Provisions that reconfirm the existing commitments in the WTO agreements and/or add substantive new disciplines as being covered
- WTO-X (WTO extra)
  - Provisions in areas outside the mandate of WTO

WTO+ Areas	WTO-X Are	eas					
FTA Industrial	Anti-Corruption	Health					
FTA Agriculture	Competition Policy	Human Rights					
Customs	Environmental Laws	Illegal Immigration					
Export Taxes(duties)	IPR	Illicit Drugs					
SPS	Investment	Industrial Cooperation					
TBT	Labor Market Regulation	Information Society					
State Trading Enterprises	Movement of Capital	Mining					
Anti-dumping	Consumer Protection	Money Laundering					
Countervailing Measures	Data Protection	Nuclear Safety					
State Aid	Agriculture	Political Dialogue					
Public Procurement	Approximation of Legislation	Public Administration					
TRIMs	Audiovisual	Regional Cooperation					
GATS	Civil Protection	Research and Technology					
TRIPs	Innovation Policies	SME					
	Cultural Cooperation	Social Matters					
	Economic Policy Dialogue	Statistics					
	<b>Education and Training</b>	Taxation					
	Energy	Terrorism					
	Financial Assistance	Visa and Asylum					

## Coverage and Legal Enforceability

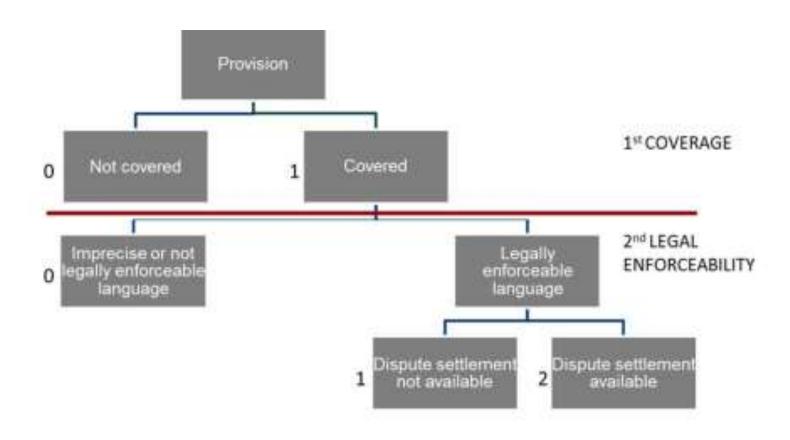
#### Coverage

 A policy area is considered being "covered" by an agreement if the agreement contains an article, chapter or provision, providing some form of undertaking in the field.

### Legal Enforceability

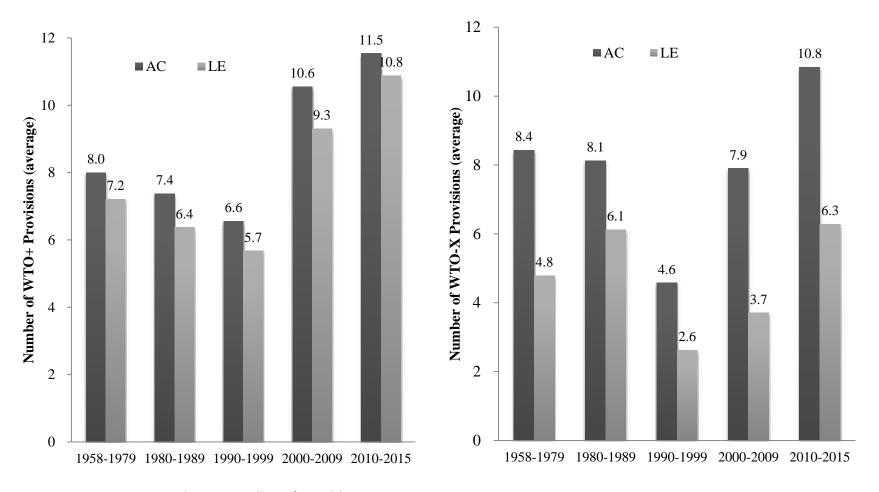
 A provision that contains clearly defined legal obligations, likely to be invoked by a complainant in dispute settlement proceedings, is classified as legally enforceable

## Assessment of Legal Enforceability



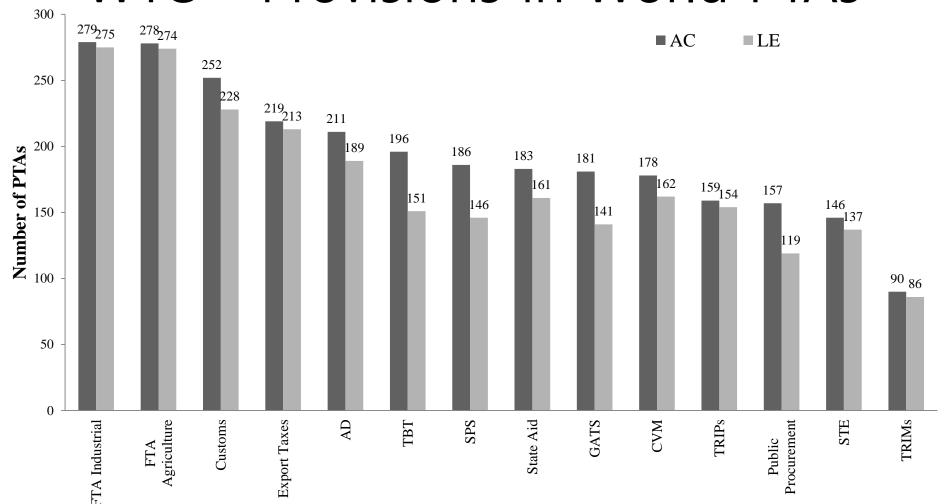
Source: Horizontal Depth-A New Database on the Content of Preferential Trade Agreements (Hofman, Osnago and Ruta (2016))

# WTO+ and WTO-X Areas in PTAs Worldwide, Over Time



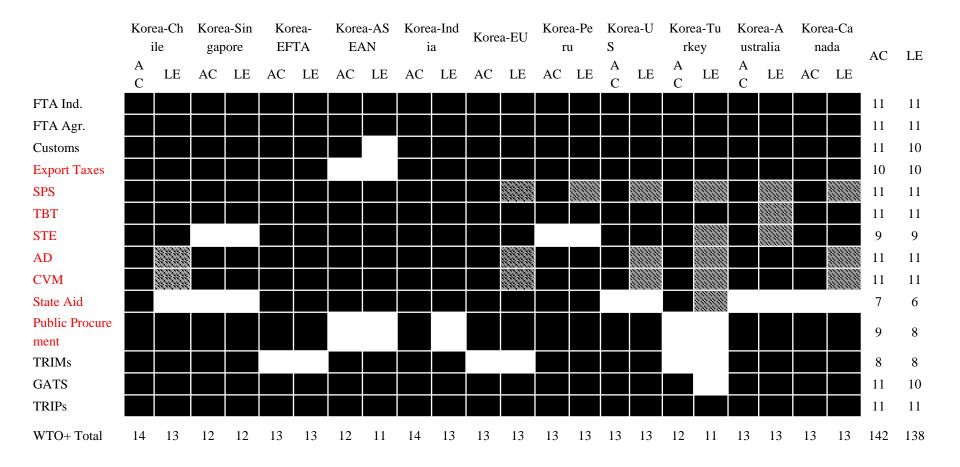
Note: AC: "Area Covered"; LE: "Legally Enforceable". Source: Own calculations based on World Bank Data. Content of Deep Trade Agreements. (http://data.worldbank.org/data-catalog/deep-trade-agreements). (updated October, 2016).

# Number of Agreements Covering WTO+ Provisions in World PTAs



Note: AC: "Area Covered"; LE: "Legally Enforceable". Source: Own calculations based on World Bank Data. Content of Deep Trade Agreements. (http://data.worldbank.org/data-catalog/deep-trade-agreements). (updated October, 2016).

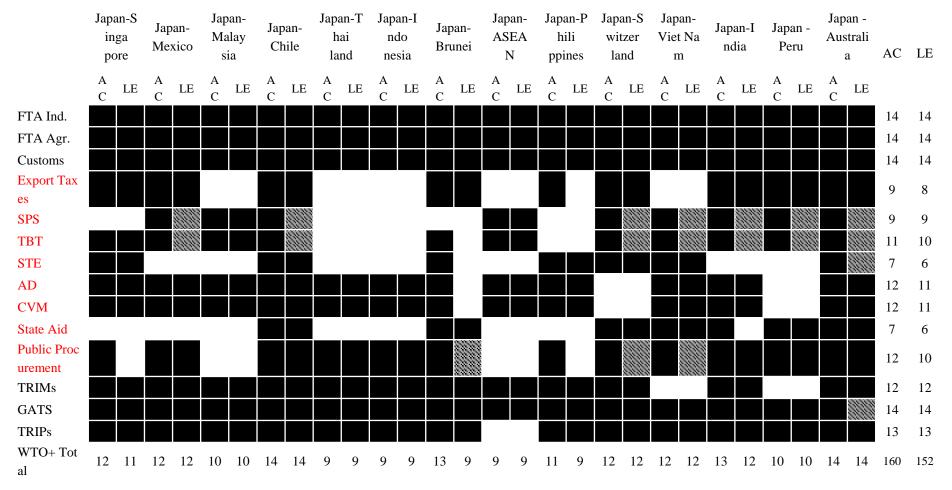
### WTO+ Areas in Korea PTAs



Note: AC: "Area Covered"; LE: "Legally Enforceable".

Source: Own calculations based on World Bank Data. Content of Deep Trade Agreements. (<a href="http://data.worldbank.org/data-catalog/deep-trade-agreements">http://data.worldbank.org/data-catalog/deep-trade-agreements</a>). (updated October, 2016).

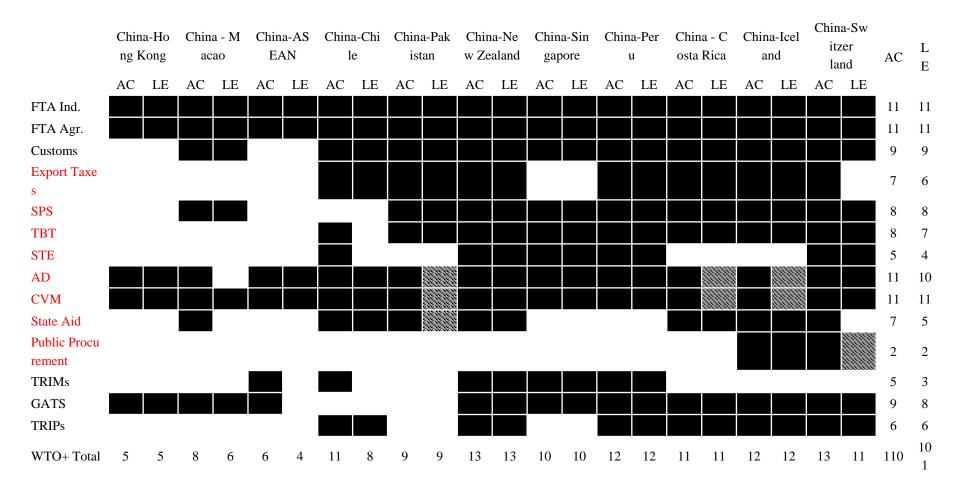
# WTO+ Areas in Japan PTAs



Note: AC: "Area Covered"; LE: "Legally Enforceable".

Source: Own calculations based on World Bank Data. Content of Deep Trade Agreements. (<a href="http://data.worldbank.org/data-catalog/deep-trade-agreements">http://data.worldbank.org/data-catalog/deep-trade-agreements</a>). (updated October, 2016).

## WTO+ Areas in China PTAs



Note: AC: "Area Covered"; LE: "Legally Enforceable".

Source: Own calculations based on World Bank Data. Content of Deep Trade Agreements. (<a href="http://data.worldbank.org/data-catalog/deep-trade-agreements">http://data.worldbank.org/data-catalog/deep-trade-agreements</a>). (updated October, 2016).

# Legal Inflation of NTMs Provisions

	Korea's PTAs		Japan's PTAs		China's PTAs		EU PTAs			US PTAs			World's PTAs					
	AC	LE	LI	AC	LE	LI	AC	LE	LI	AC	LE	LI	AC	LE	LI	AC	LE	LI
Export Taxes	10	10	0	9	8	11	7	6	14	42	42	0	13	13	0	219	213	3
AD	11	11	0	12	11	8	11	10	10	45	45	0	12	12	0	211	189	10
CVM	11	11	0	12	11	8	11	11	0	39	39	0	12	12	0	178	162	9
SPS	11	11	0	9	9	0	8	8	0	25	18	28	12	12	0	186	146	22
ТВТ	11	11	0	11	10	9	8	7	13	30	18	40	11	11	8	196	151	23
STE	9	9	0	7	6	14	5	4	20	32	31	3	9	7	22	146	137	6
State Aid	7	6	14	7	6	14	7	5	29	36	36	0	11	11	0	183	161	12
Public Procureme nt	9	8	11	12	10	17	2	2	0	31	23	26	14	13	7	157	119	24

# Related Empirical Studies

- Orefice and Rocha (2014)
  - Positive association between deeper integration and trade in parts and components (GVC integration)
- Choi and Jang (2018)
  - Examines trade between DAC members and recipients
  - find that AfT increases bilateral trade significantly, and this effect is greater when the incidence of TBT is higher.
  - Focus on aid for trade policy and regulation. (CRS 331)

## Conclusion

- Korea and Japan both tend to sign deep agreements.
- China's PTAs have evolved most dramatically with time.
  - Since its first PTA signed with a developed country, New Zealand in 2008, China has increased the number of WTO+ and WTO-X provisions in its PTAs
- Since many APEC members are involved in the GVC, these NTMs provisions must be considered carefully.
- Also, aid for trade, especially on trade policies and regulations may be important.