

# Peru Trade in Ideas

**WTO**

Geneva, November 2018

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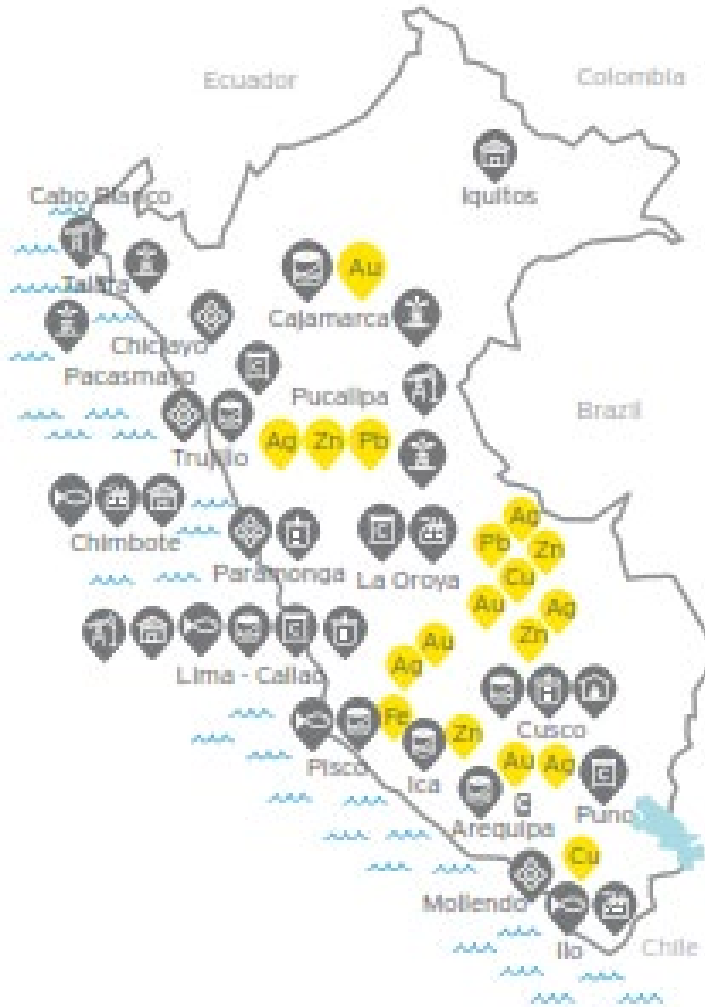
## Peru: Trade in Ideas

### Key points:

- Peru has enough resources, mainly human and natural, to achieve sustainable growth in the long run
  - Innovation at the core of productivity growth and long term welfare
  - Need of policies and tools to enhance innovation and develop human and natural resources
  - Trade in Ideas Project could help to boost patenting and develop conditions for patenting
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# Economic activities in Peru

Main economic activities by region



	Fishing		Metal industry
	Petroleum		Smelting
	Oil refinery		Metallurgical industry
	Sugar refinery		Gold
	Fishmeal plant		Silver
	Natural gas		Copper
	Textile industry		Zinc
	Cement plant		Lead
	Chemical plant		Iron

Source: University of Texas - Perry Castaneda Library Map Collection

From: Peru's mining and metals investment guide 2017-2018  
Proinversion, Ministry of Foreign Affairs, E&Y

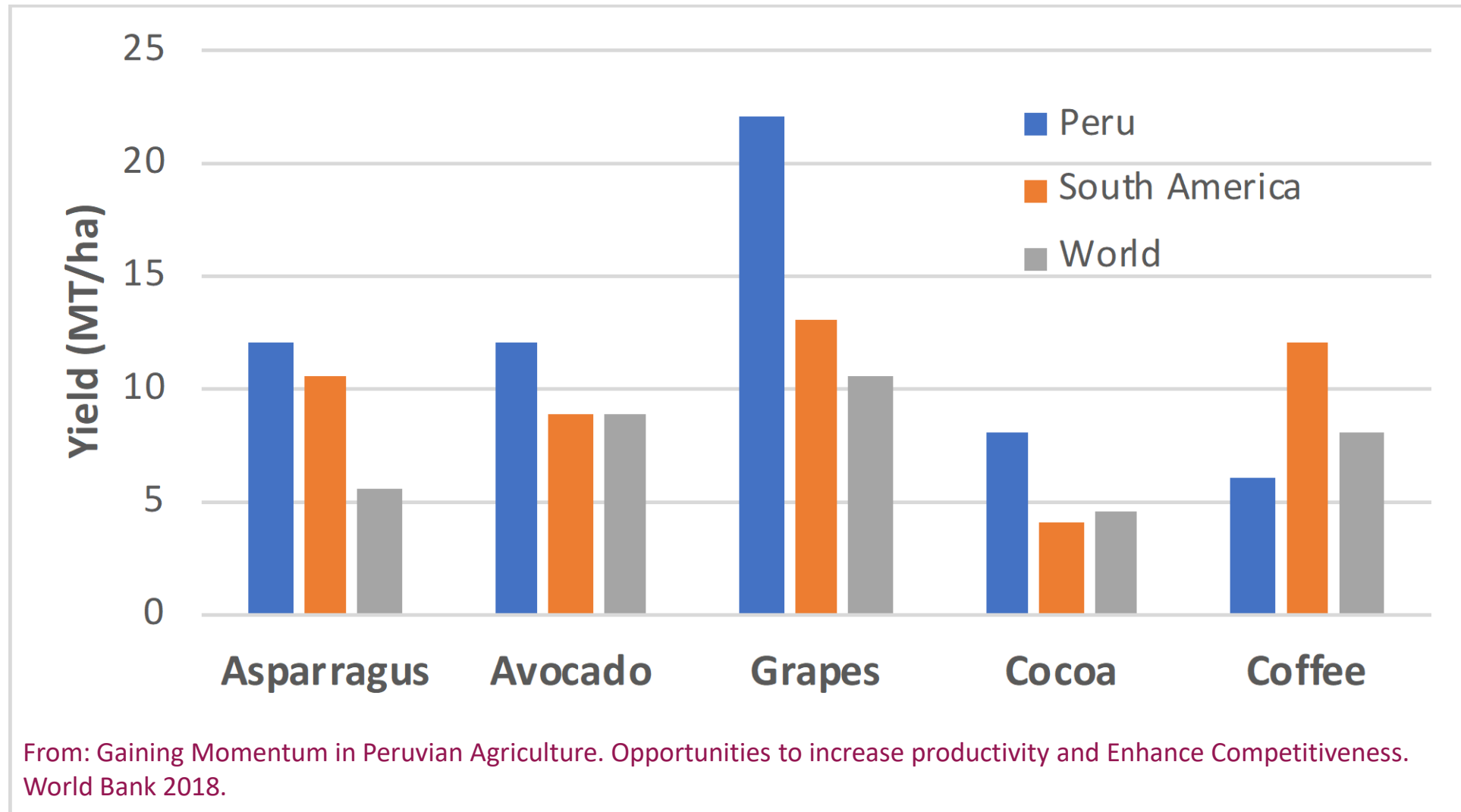
## Mining: Metals producing ranking

	World					
Metal	2010	2011	2012	2013	2014	2015
Silver	2	3	3	3	3	3
Zinc	3	3	3	3	3	3
Tin	3	3	3	3	4	4
Lead	4	4	4	4	4	4
Gold	6	6	5	5	7	6
Copper	2	3	3	3	3	3
Molybdenum	4	4	4	4	4	4

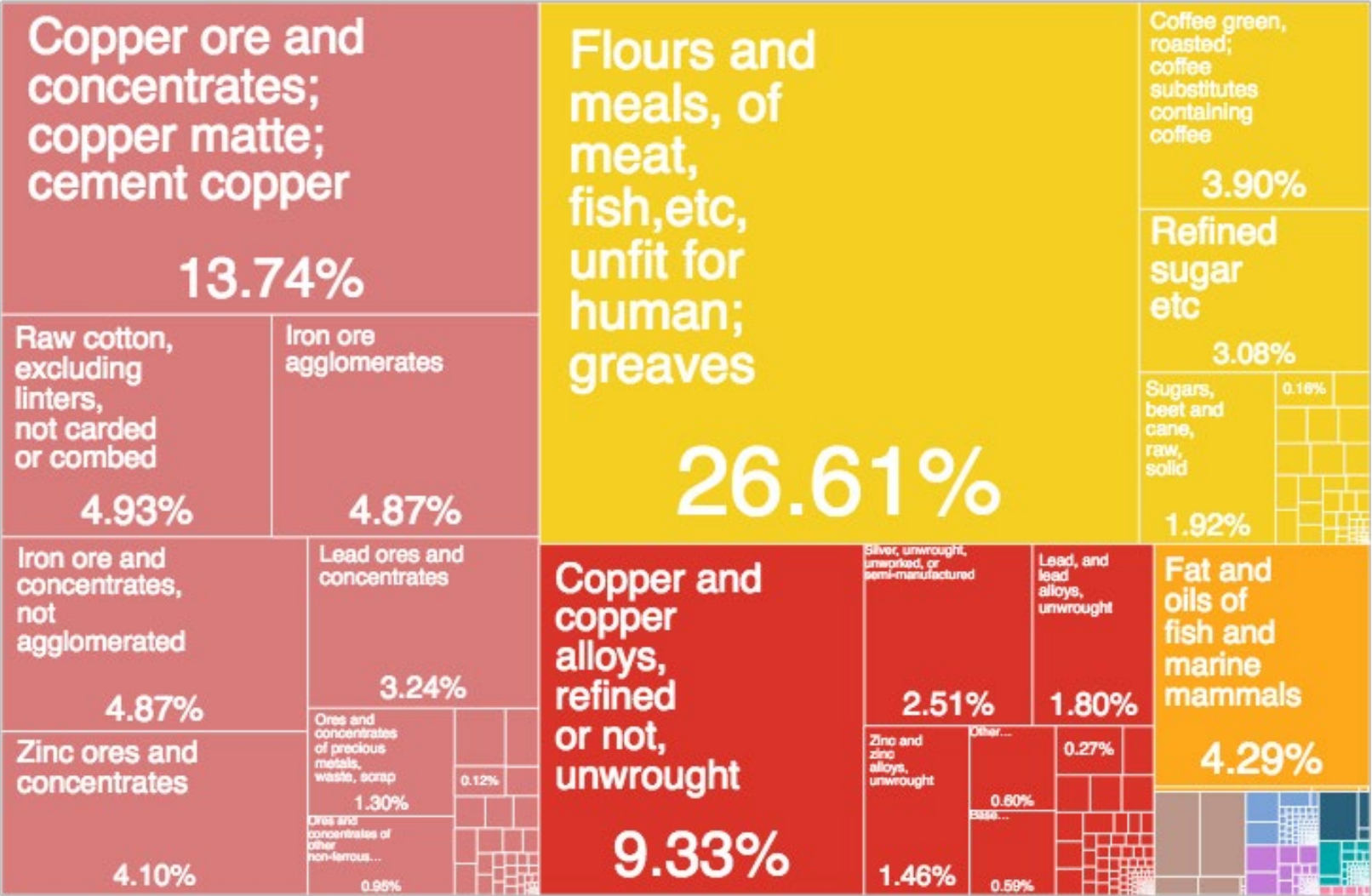
	Latin America					
Metal	2010	2011	2012	2013	2014	2015
Silver	2	2	1	1	2	2
Zinc	1	1	1	1	1	1
Tin	1	1	1	1	1	1
Lead	1	1	1	1	1	1
Gold	1	1	1	1	1	1
Copper	2	2	2	2	2	2
Molybdenum	2	2	2	2	2	2

From: Peru's mining and metals investment guide 2017-2018  
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## Agriculture: yields of selected crops



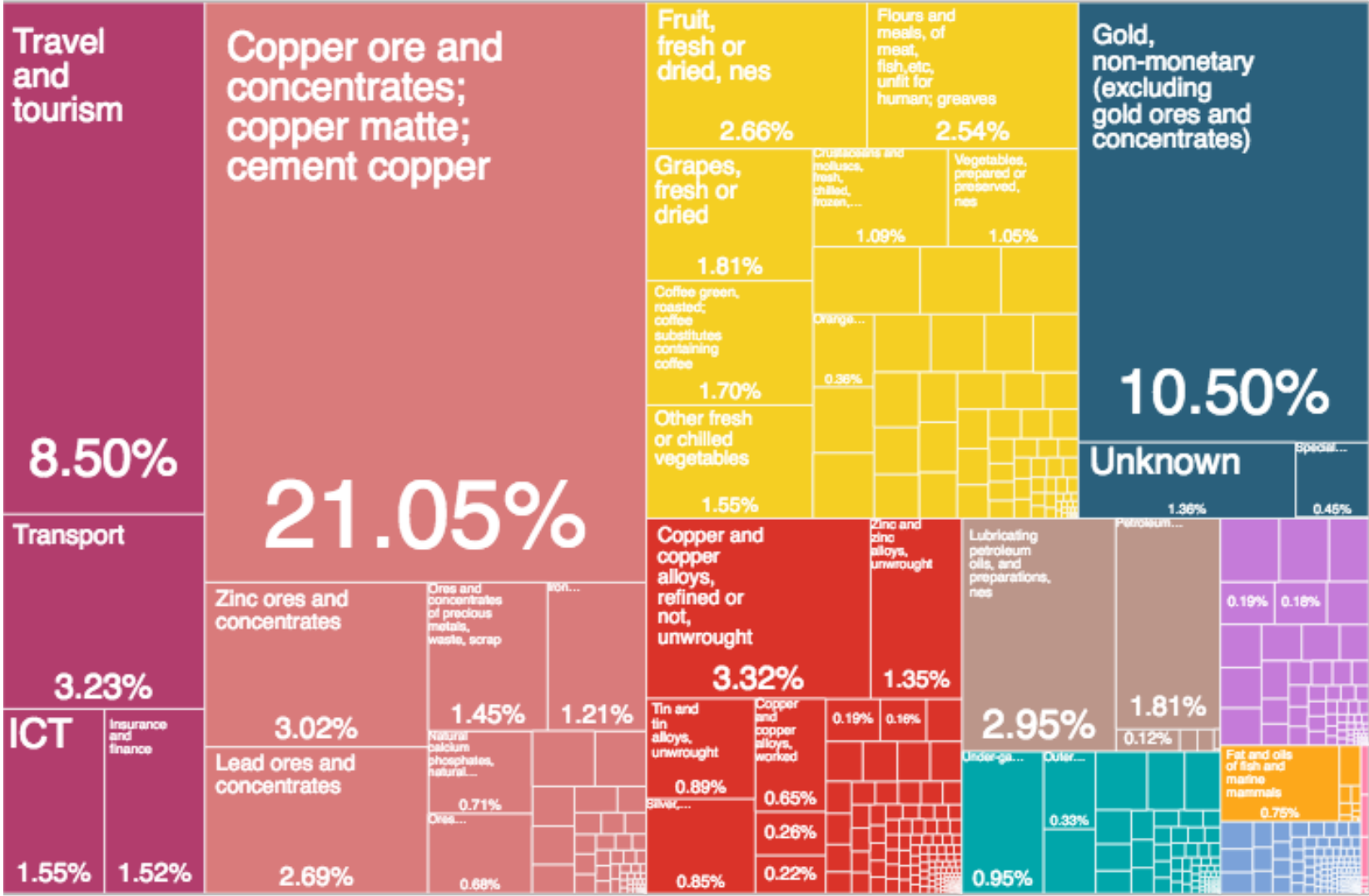
# Composition of Peruvian Exports - 1970



Exports (US\$): 1,16B

"The Atlas of Economic Complexity," Center for International Development at Harvard University, <http://www.atlas.cid.harvard.edu>

# Composition of Peruvian Exports - 2016



Exports (US\$): 41,2B

"The Atlas of Economic Complexity," Center for International Development at Harvard University, <http://www.atlas.cid.harvard.edu>

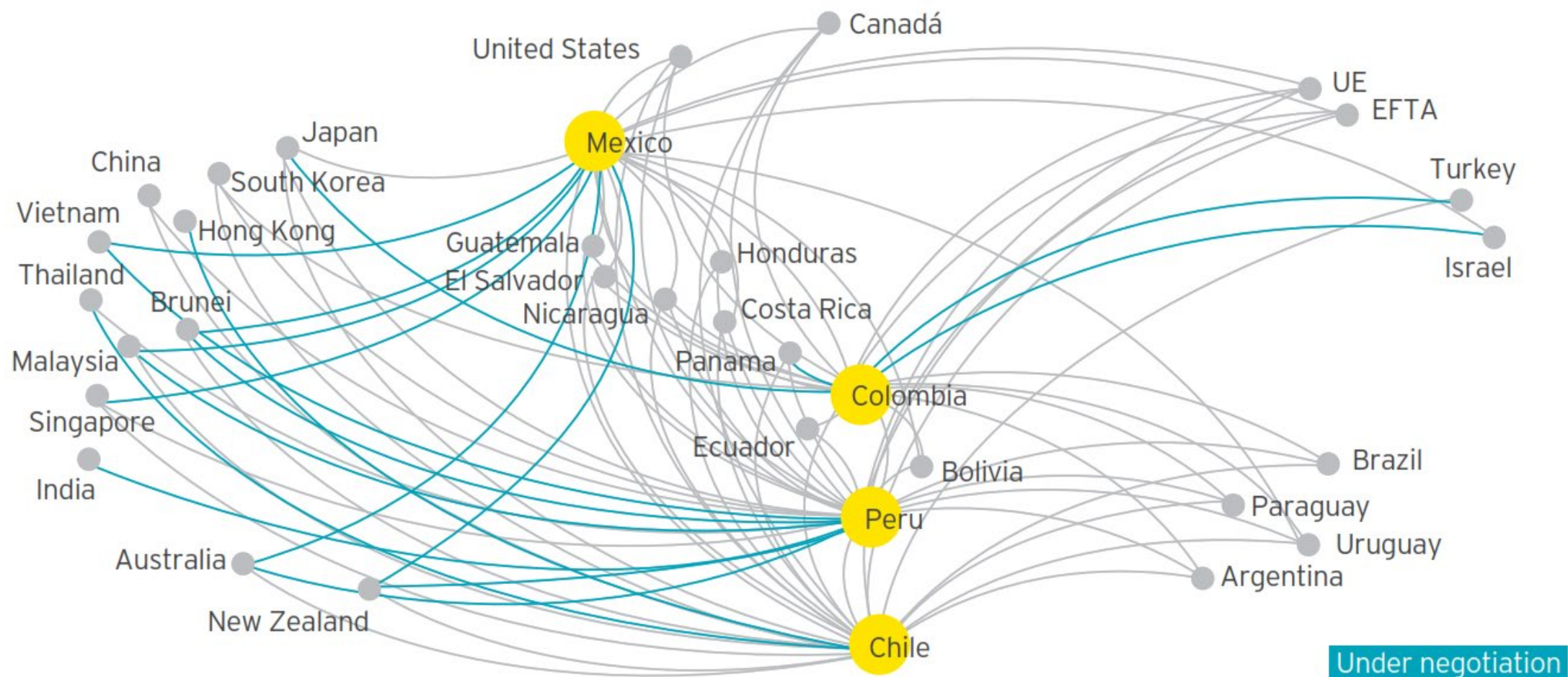
## Pacific Alliance – New regional integration process



Source: Pacific Alliance Business and Investment Guide 2018 – 2019. Proinversion, Ministry of Foreign Affairs, E&Y

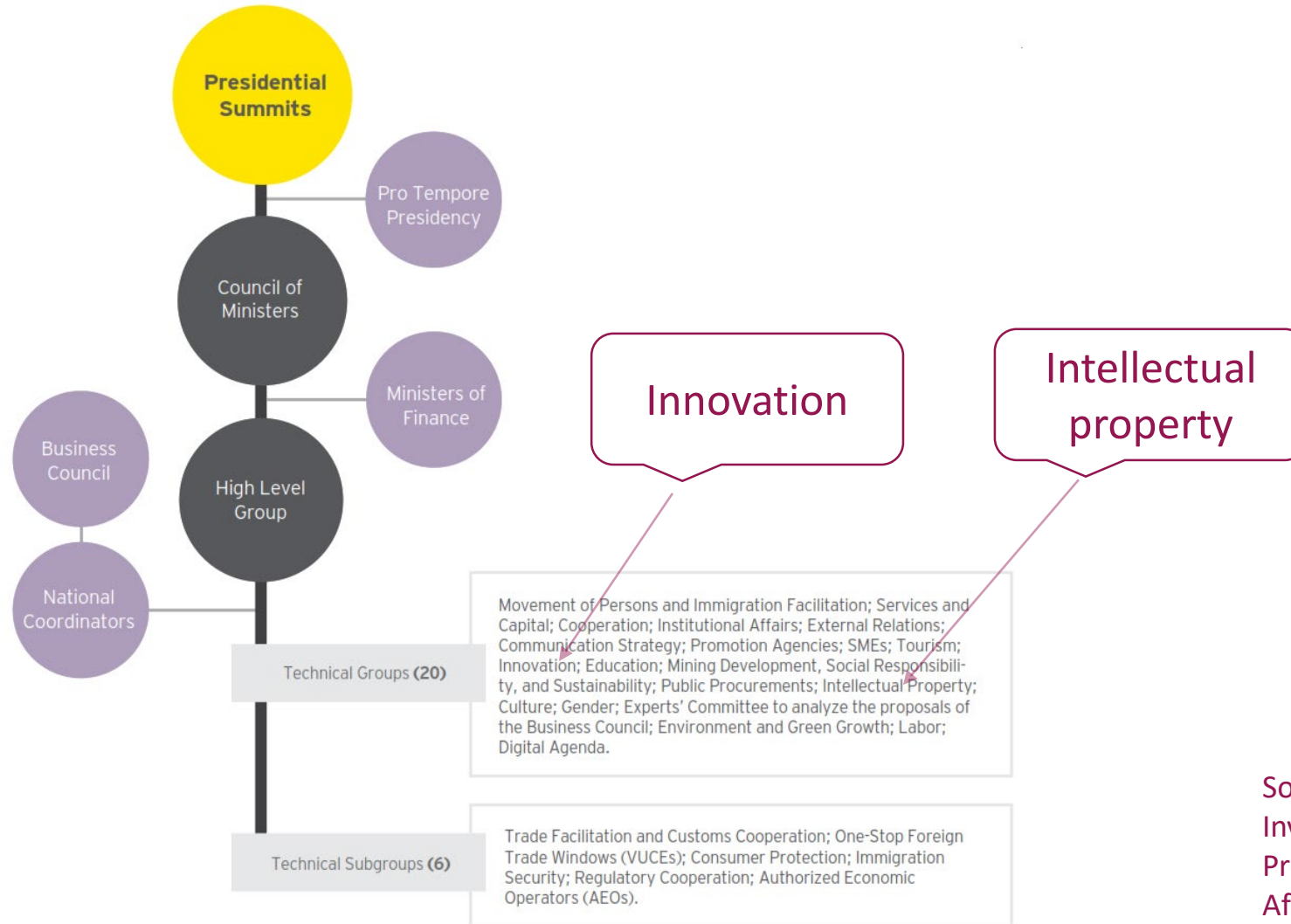


## Pacific Alliance – Regional trade agreements



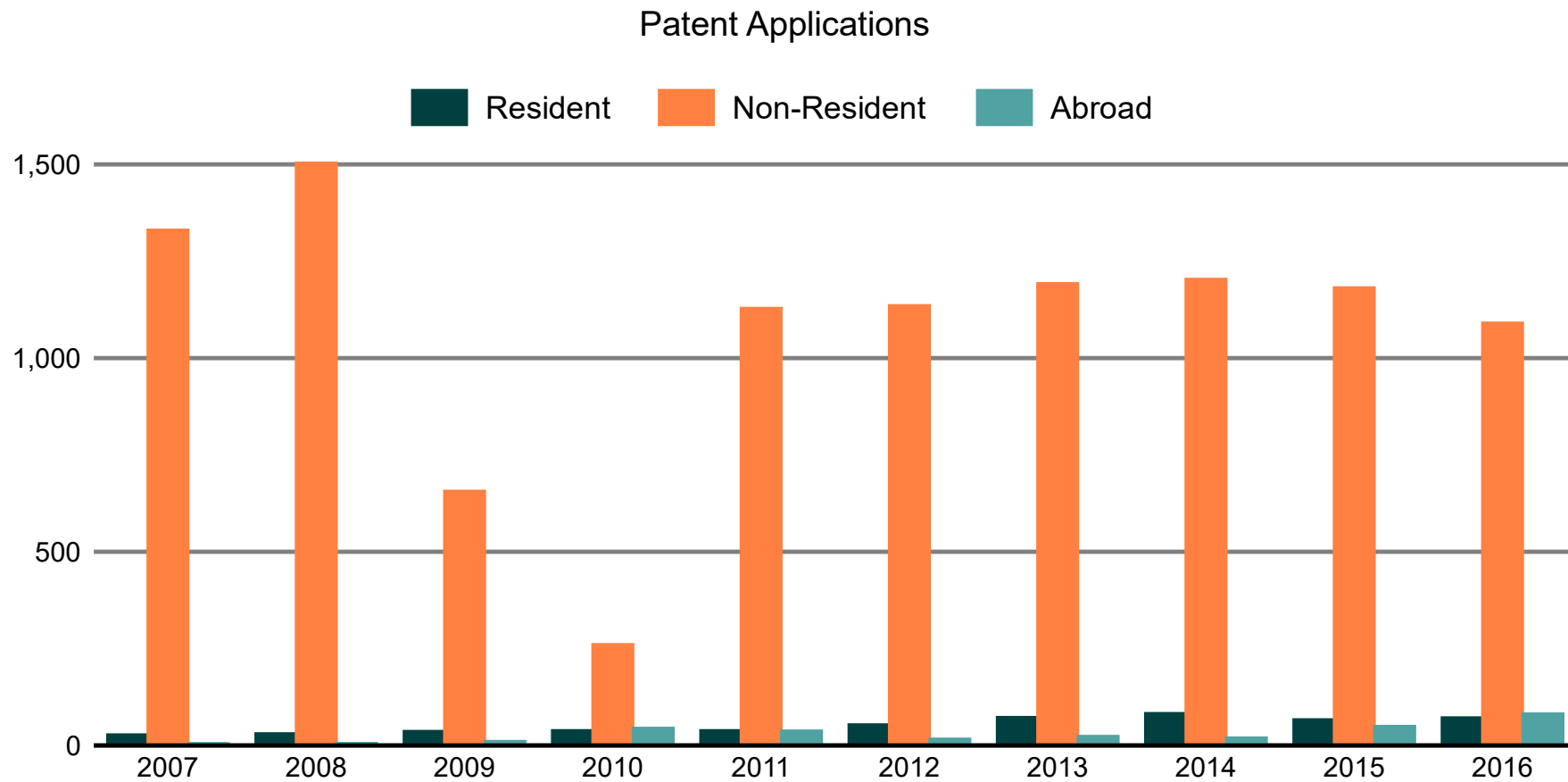
Source: Pacific Alliance Business and Investment Guide 2018 – 2019. Proinversion, Ministry of Foreign Affairs, E&Y

# Pacific Alliance – New opportunities for cooperation



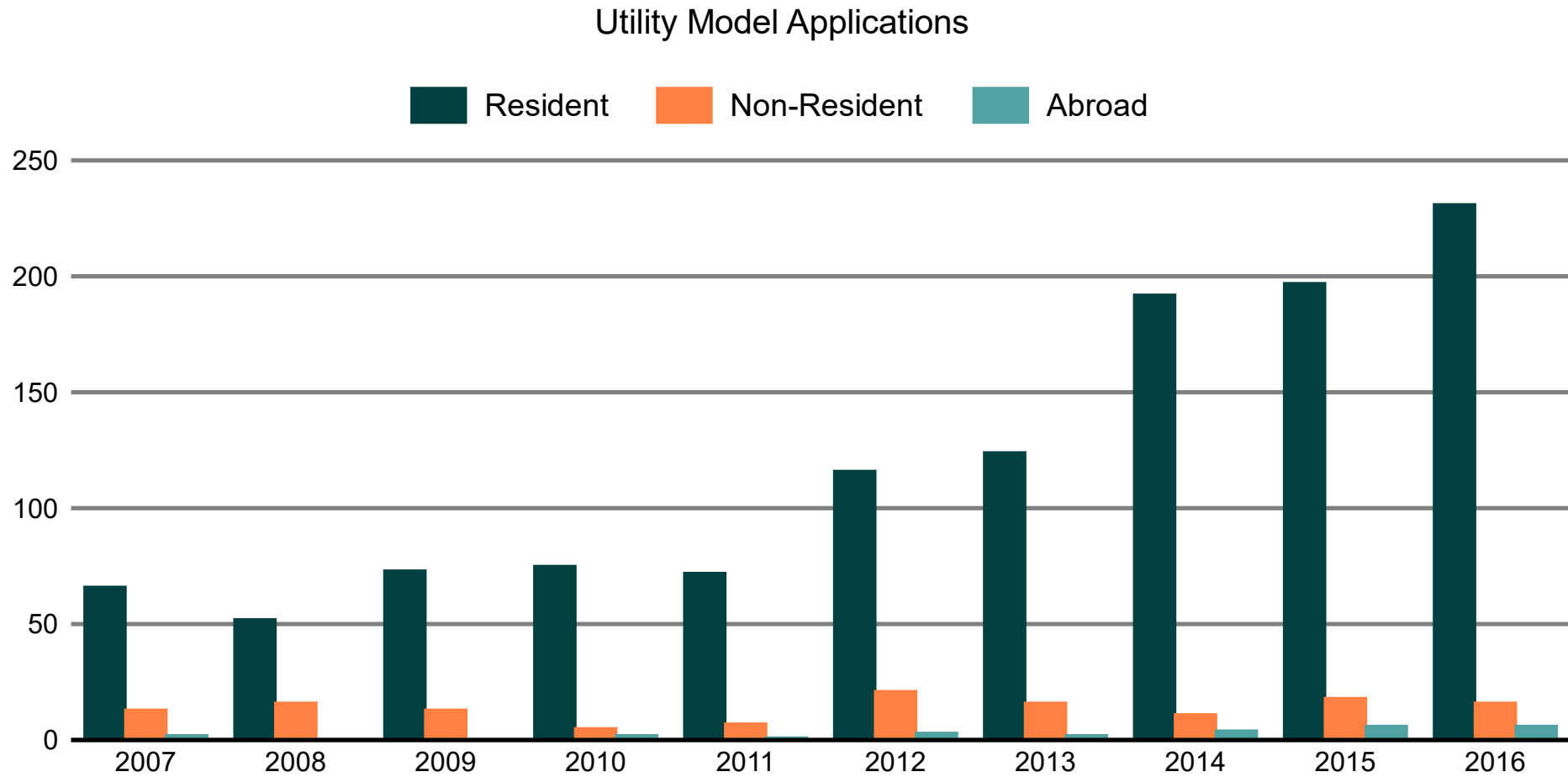
Source: Pacific Alliance Business and Investment Guide 2018 – 2019. Proinversion, Ministry of Foreign Affairs, E&Y

# Patents applications in Peru



Source: WIPO statistics database; last updated: 3/2018

# Utility model applications in Peru



Source: WIPO statistics database; last updated: 3/2018

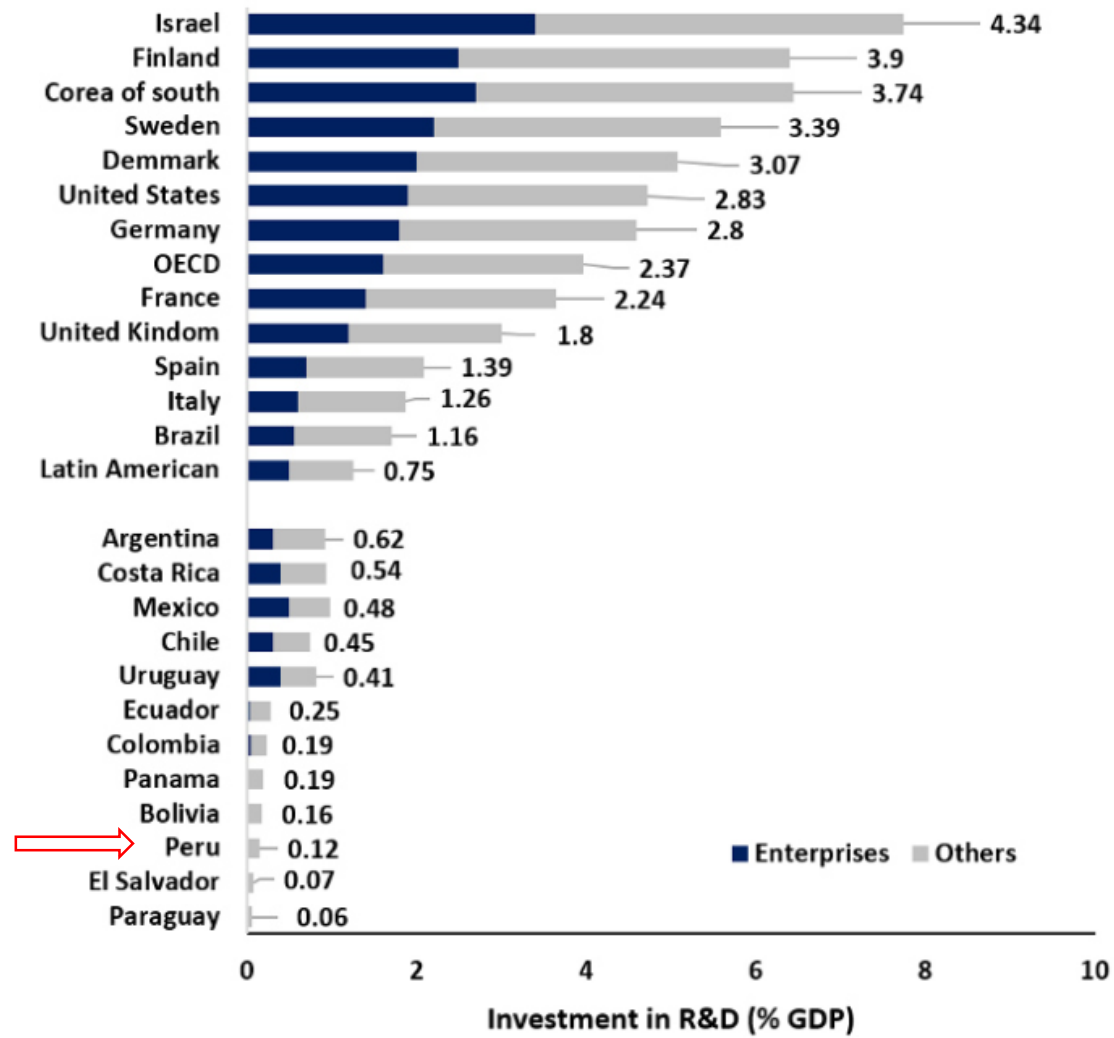
## Ranking of resident IP filing activity by origin, 2016

Origin	Patents
China	1
U.S.	2
...	...
Brazil	16
Mexico	30
Chile	47
Colombia	46
Peru	79

Source: WIPO World Intellectual Property Indicators 2017

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# Low investment in R&D



By regional and international standards, Peru invests very little in R&D (0.12%). Source: Ministry of Production.

## Actions taken at governmental level



## Pilot study\*: provisional key findings

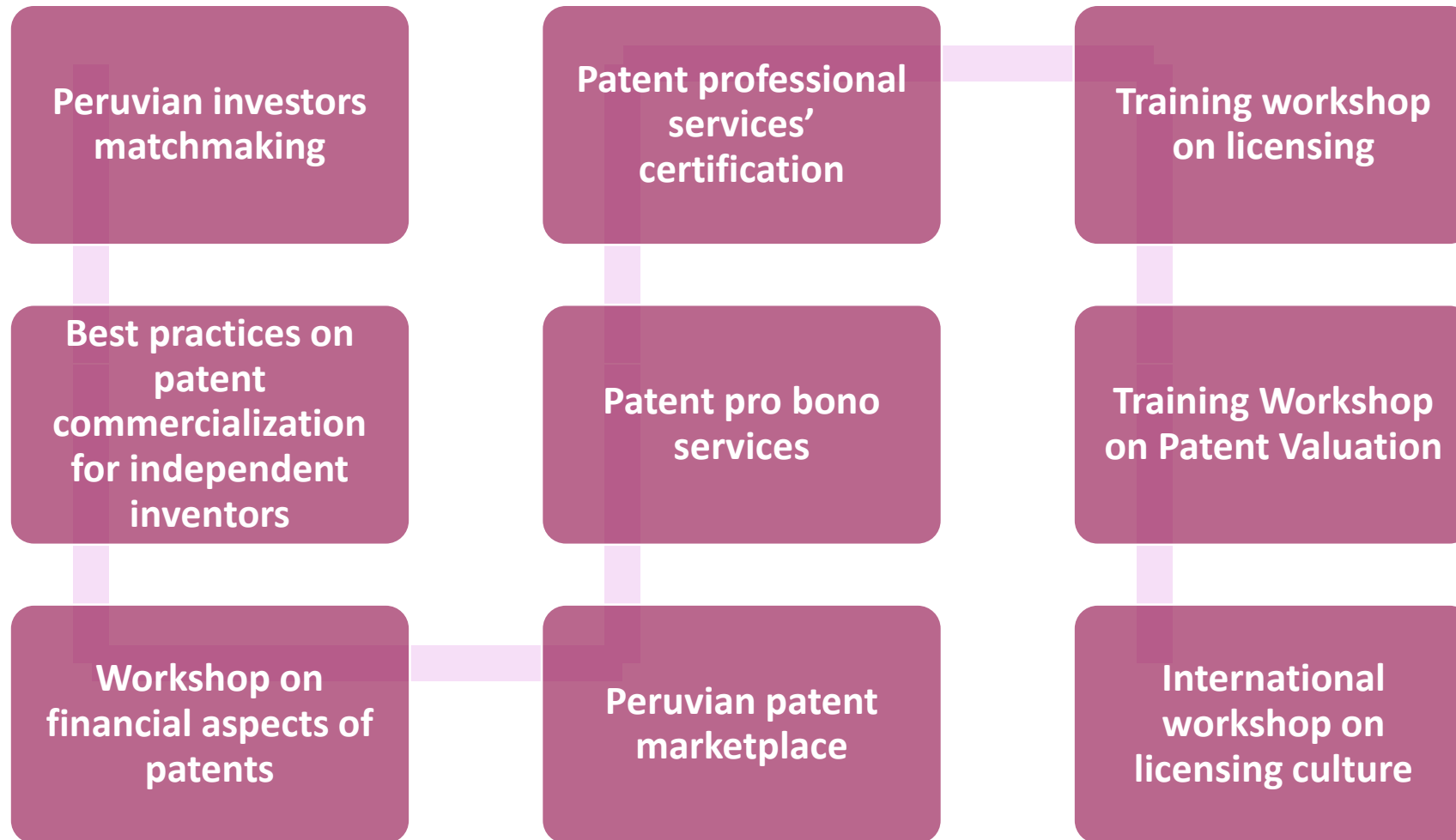
- University professors produce technology for other countries and foreign enterprises
- Lack of knowledge about how to negotiate contracts
- Low level of investment in technology
- Legal framework does not enable adequate patent commercialization
- Patents are not promoted by the financial system
- Capacity limits to properly value patents
- Patents ecosystem fragile and fragmented

\* Video-workshop Peru's Intellectual Property Bureau (INDECOPI), stakeholders in Peru and Prof. Ullberg), August 2018

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## Trade in ideas: next steps (short term)



# Thank you!

**Permanent Mission of Peru**

Contacts: [misionperu@onuperu.org](mailto:misionperu@onuperu.org); [cmelgar@onuperu.org](mailto:cmelgar@onuperu.org)

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