



***Overview of the state of the Art on
Latin American Technology Platforms:
A Strategic proposal for cooperation of LATPs with EU in Horizon 2020***

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TECNOLOGICO DE MONTERREY - MEXICO



Comisión Nacional de Investigación
Científica y Tecnológica - CONICYT



Technical Research
Centre of Finland



How is LaTam in the Global Information Technology Report?



Global IT Report : Latam

ANALISIS CONSOLIDADO DE INDICES DE TECNOLOGIAS DE INFORMACIÓN

LATINO AMERICA y EL CARIBE 2014

RANKING DE 148 PAISES	1	2	3	4	5	6	7	8	9	10
SUBINDICES/PAISES	CHILE	PANAMA	C. RICA	BARBADOS	URIGUAY	COLOMBIA	BRASIL	TRIN.y TOB	MEXICO	ECUADOR
2014	(35)	(43)	(53)	(55)	(56)	(63)	(69)	(71)	(79)	(82)
2013	(34)	(46)	(53)	(39)	(52)	(66)	(60)	(72)	(63)	(91)
ENTORNO	29	46	64	38	51	101	116	94	75	81
1er Pilar entorno político y regulatorio	38	62	63	35	57	96	78	93	70	89
2do Pilar: entorno de negocios e innov.	11	35	70	42	54	104	135	91	85	78
PREPARACION	60	58	50	91	68	70	76	56	94	83
3er Pilar : Infraestructura y cont.digital	44	65	92	35	50	80	56	57	81	75
4to Pilar Acequibilidad	81	27	15	144	80	44	91	74	93	92
5to Pilar: Habilidades	71	87	24	15	83	76	91	42	95	75
USO	39	50	57	43	55	62	47	66	71	74
6to Pilar: Uso individual	52	68	64	33	48	77	59	60	89	83
7mo. Pilar Uso negocios	45	39	38	53	86	79	41	87	70	71
8VO Pilar: Uso en Gobierno	32	39	64	72	59	31	54	80	40	62
IMPACTO	37	41	50	58	53	49	57	92	59	80
9NO. Pilar: Impacto Economico	43	46	52	57	61	75	64	92	80	95
10mo. Pilar: Impacto Social	29	37	54	64	50	39	58	89	48	71
FUENTE: The Global Information Technology Report 2014-World Economic Forum										

Global IT Report : EU

EU IN THE WORLD FIVE PLACES

RANKING DE 148 PAISES	1	2	3	4	5
SUBINDICES/PAISES	Finlandia	Singapore	Suecia	Holanda	Noruega
2014	1	2	3	4	5
2013	1	2	3	4	5
ENTORNO	3	1	8	6	7
1er Pilar entorno político y regulatorio	3	1	6	8	7
2do Pilar: entorno de negocios e innov.	9	1	15	5	6
PREPARACION	1	6	3	15	4
3er Pilar : Infraestructura y cont.digital	1	16	3	14	6
4to Pilar Acequibilidad	18	46	10	69	28
5to Pilar: Habilidades	1	2	21	7	17
USO	2	4	1	5	6
6to Pilar: Uso individual	1	10	1	4	2
7mo. Pilar Uso negocios	2	15	3	6	12
8VO Pilar: Uso en Gobierno	8	1	7	14	15
IMPACTO	2	4	4	8	4
9NO. Pilar: Impacto Economico	1	6	2	5	15
10mo. Pilar: Impacto Social	7	1	10	3	13
FUENTE: The Global Information technology Report 2014-Worl Economic Forum					

20TH World's Largest Economies

List by the United Nations (2013)^[12]

List by the International Monetary Fund
(2013)^[13]

List by the World Bank (2013)^[14]

List by the CIA World Factbook (2003–2013)^[1]

Rank	Country/Region	GDP (Millions of US\$)
	<i>World</i>	72,689,734
1	United States	16,768,100
2	China	9,181,204
3	Japan	4,898,532
4	Germany	3,730,261
5	France	2,806,432
6	United Kingdom	2,678,455
7	Brazil	2,243,854
8	Italy	2,149,485
9	Russia	2,096,774
10	India	1,937,797
11	Canada	1,838,964
12	Australia	1,531,282
13	Spain	1,358,263
14	South Korea	1,304,554
15	Mexico	1,259,201
16	Indonesia	868,346
17	Netherlands	853,539
18	Turkey	822,149
19	Saudi Arabia	748,450
20	Switzerland	685,434

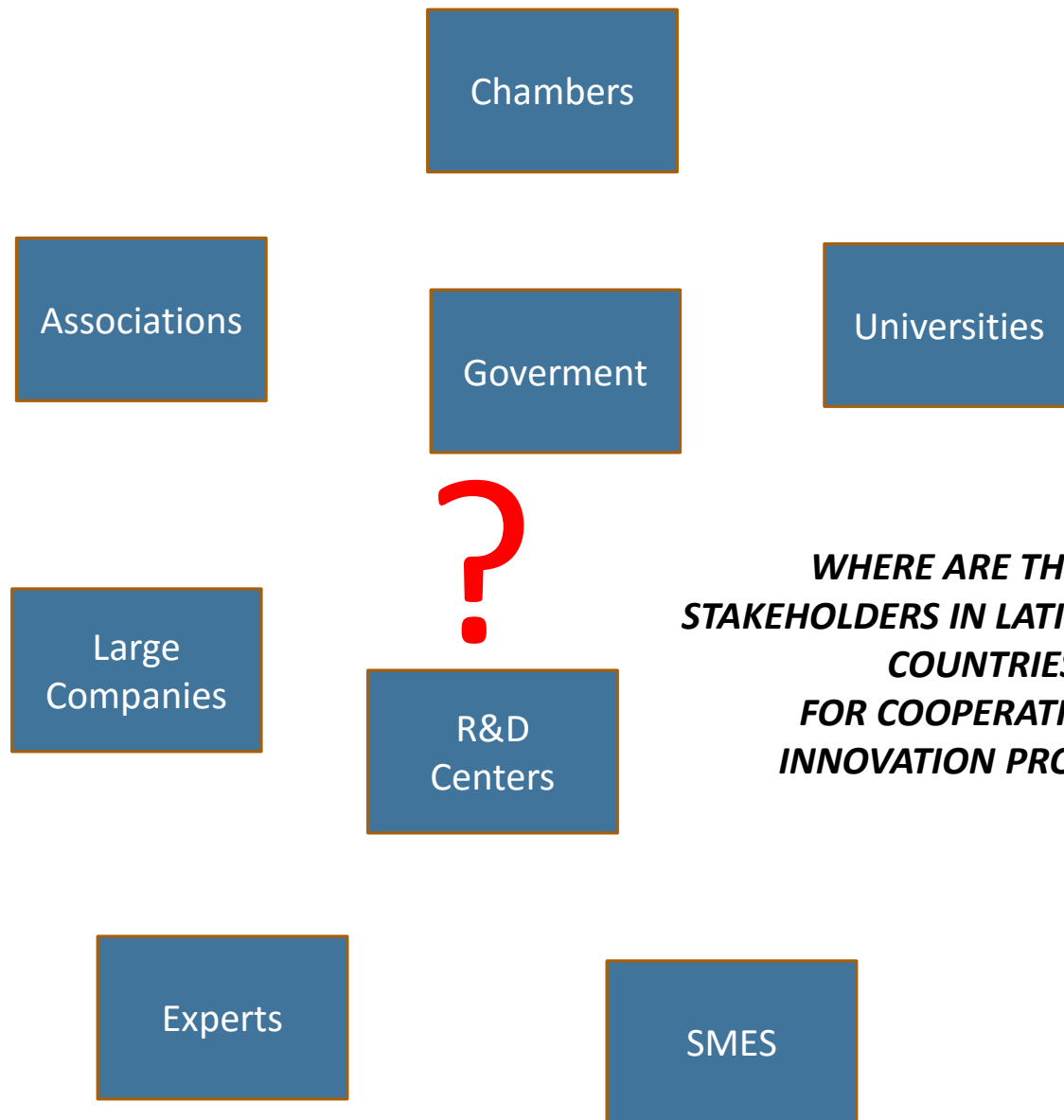
Rank	Country/Region	GDP (Millions of US\$)
	<i>World</i>	74,699,258 ^[15]
	European Union ^[n 1]	17,512,109 ^[15]
1	United States	16,768,050
2	China	9,469,124 ^[n 2]
3	Japan	4,898,530
4	Germany	3,635,959
5	France	2,807,306
6	United Kingdom	2,523,216
7	Brazil	2,246,037
8	Russia	2,096,774 ^[n 3]
9	Italy	2,071,955
	ASEAN ^[n 4]	2,013,318 ^[15]
10	India	1,876,811
11	Canada	1,826,769
12	Australia	1,505,924
13	Spain	1,358,687
14	South Korea	1,304,468
15	Mexico	1,260,915
16	Indonesia	870,275
17	Netherlands	853,806

Rank	Country/Region	GDP (Millions of US\$)
	<i>World</i>	75,592,941 ^[n 6]
	European Union ^[n 1]	17,958,073 ^[16]
1	United States	16,768,100
2	China	9,240,270 ^[n 2]
3	Japan	4,919,563
4	Germany	3,730,261
5	France	2,806,428 ^[n 7]
6	United Kingdom	2,678,455
7	Brazil	2,245,673
8	Italy	2,149,485
9	Russia	2,096,777 ^[n 3]
10	India	1,876,797
11	Canada	1,826,769
12	Australia	1,560,372
13	Spain	1,393,040
14	South Korea	1,304,554
15	Mexico	1,260,915
16	Indonesia	868,346
17	Netherlands	853,539
18	Turkey	822,135

Rank	Country/Region	GDP (Millions of US\$)	Year
	<i>World</i>	73,870,000	2013
	European Union ^[n 1]	16,950,000	2013
1	United States	16,720,000	2013
2	China	9,330,000	2013
3	Japan	5,007,000	2013
4	Germany	3,593,000	2013
5	France	2,739,000	2013
6	United Kingdom	2,490,000	2013
7	Brazil	2,190,000	2013
8	Russia	2,113,000	2013
9	Italy	2,068,000	2013
10	Canada	1,825,000	2013
11	India	1,670,000	2013
12	Australia	1,488,000	2013
13	Spain	1,356,000	2013
14	Mexico	1,327,000	2013
15	South Korea	1,198,000	2013
16	Indonesia	867,500	2013
17	Turkey	821,800	2013

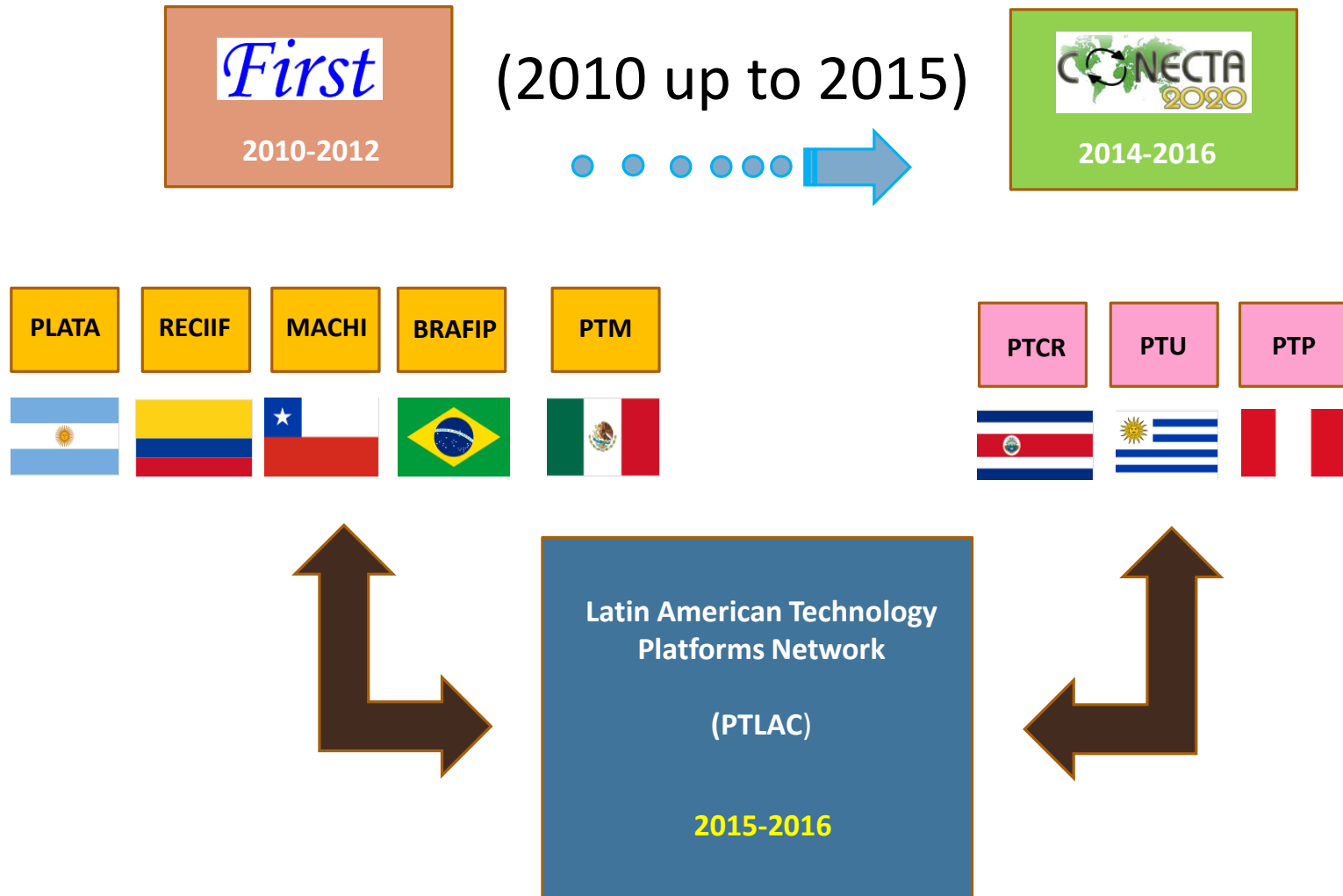
GROSS DOMESTIC PRODUCT

***ICT
Stakeholders
In Latin America
Countries***

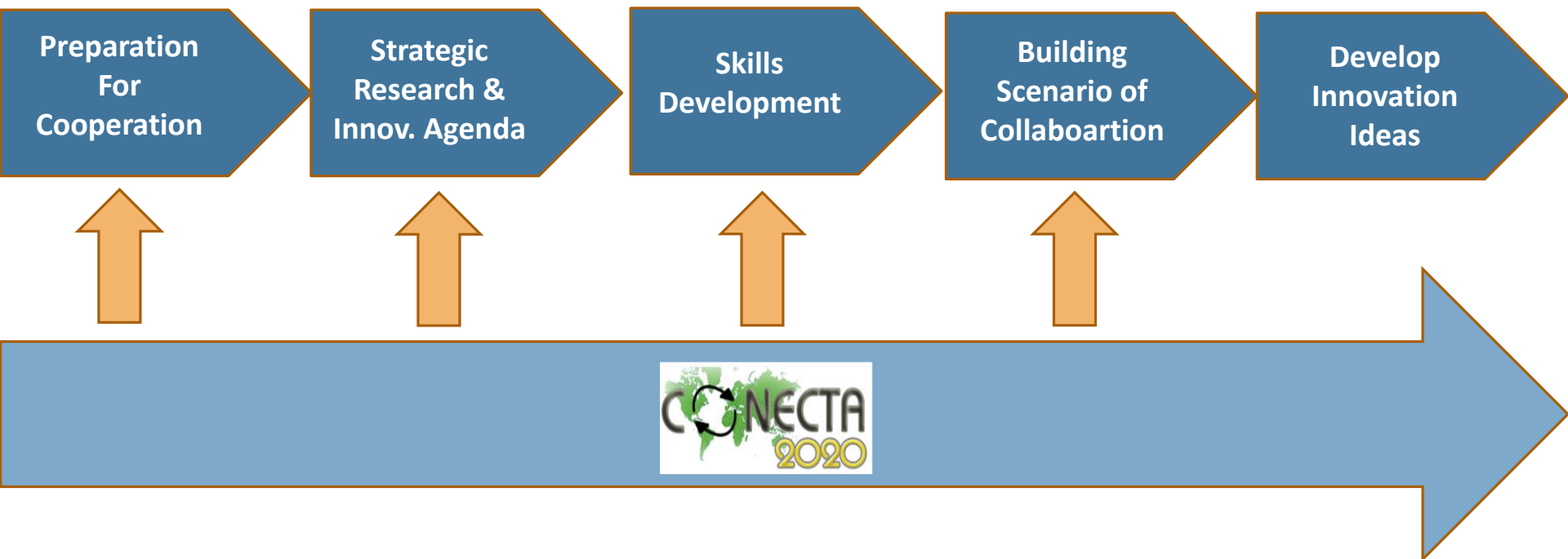


***WHERE ARE THE KEY
STAKEHOLDERS IN LATIN AMERICAN
COUNTRIES
FOR COOPERATION IN
INNOVATION PROJECTS?***

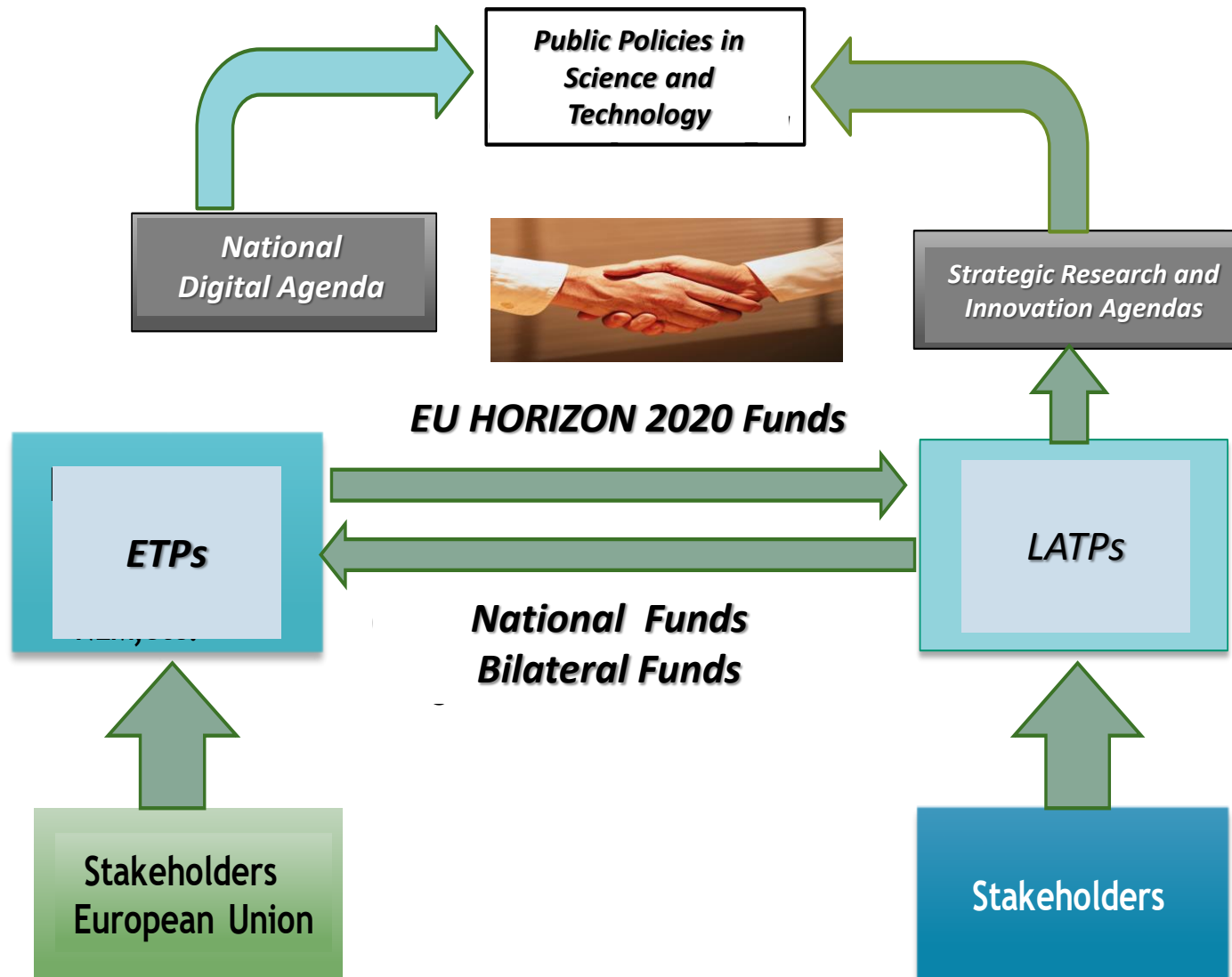
EVOLUTION OF THE LATIN AMERICAN TECHNOLOGY PLATFORMS



Paving the way for cooperation

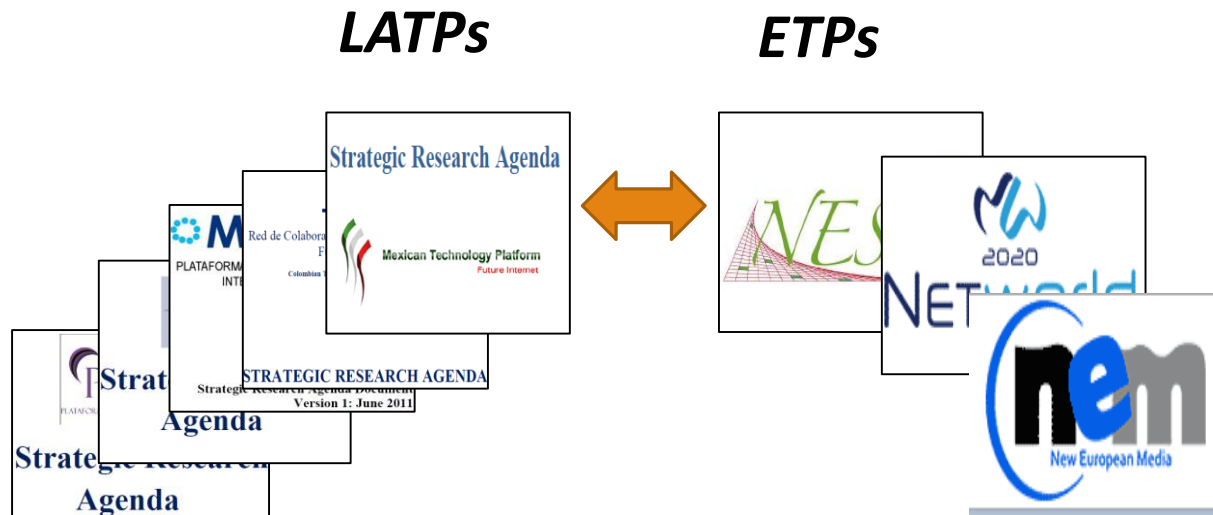


ETPs and LATPs Cooperation



Roadmap EU-LATAM : R&D&I

Strategic Research and Innovation Agendas R+D+I



CONECTA 2020 ICT Network in HORIZON 2020

TRANSPORT : *Smart*

sport

SOCIETY : *Europe in*
Societies : for learning

e, innovative and reflective
rnmental

CLIMATE : *Climate a*

e efficiency and raw materials

ENERGY : *Secure, cle*

FOOD: *Food security*
and inland water res

d forestry, marine and maritime

HEALTH: *Health, den*

being

ICT In Societal Challenges

Message from the business and academic and the Caribbean to the CELAC_ EU SUMMIT communities of Europe, Latin America

Brussels, 8 June 2015



MESSAGE FROM THE BUSINESS AND ACADEMIC COMMUNITIES OF EUROPE, LATIN AMERICA AND THE CARIBBEAN TO THE CELAC-EU SUMMIT

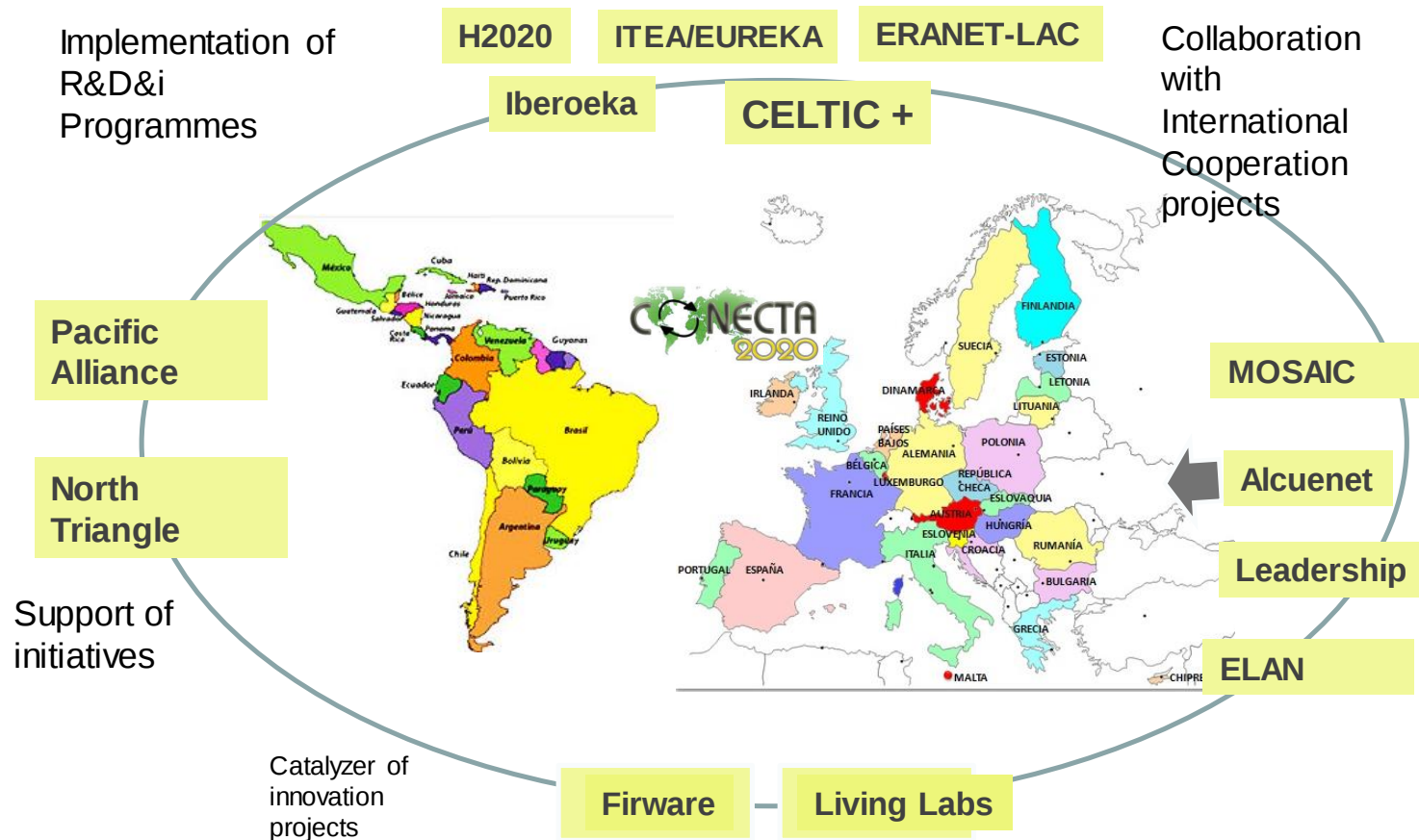
5. Need for adequate cooperative instruments.

Bi-regional cooperation initiatives should be designed to match European Universities with those in the CELAC, and simultaneously to organize the connection of SMEs from both regions to advance their mutual internationalization as well as their technological and managerial evolution. The EU should amplify rapidly its instruments and combine those into specific platforms connecting EU-CELAC SMEs.

Linking Latin America and Caribbean Technology Platforms (TPs) with European TPs will foster sustained and effective cooperation, in this context the ongoing Conecta2020 project and corresponding developments will be also instrumental.

Starting from connection platforms, bi-regional cooperation should focus on identifying the barriers to SMEs internationalization and greater specialization, as well as operational solutions with business and the universities. Territorial pacts would mobilize local stakeholders such as firms, local authorities and the academic community.

CONECTA2020: VISION



CONECTA2020: Philosophy of integration

BRASIL



COSTA RICA



COLOMBIA



MEXICO



PERU



URUGUAY



And more

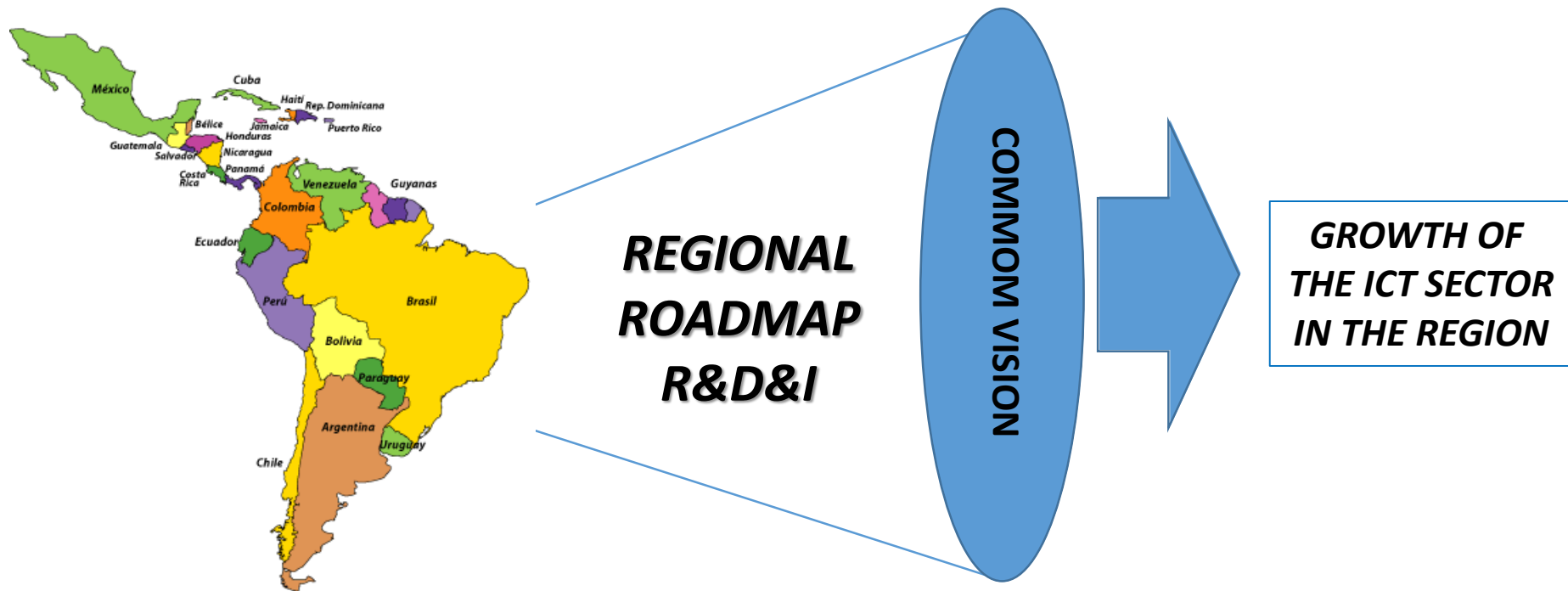
ACUERDO DE FORMACION

PTLAC

**RED DE PLATAFORMAS TECNOLÓGICAS
DE LATINO AMÉRICA Y EL CARIBE
PARA LA INNOVACIÓN**



DIGITAL AGENDA + STRATEGIC RESEARCH & INNOVATION AGENDA OF THE REGION



CONCLUSIONS

IT IS NOT AN EASY JOB; it is necessary to JOIN

Intelligences

Wills

Strength

FOR:

Solve Common Problems

Fight Global Technological Change Acceleration

Prepare with the right Skills



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