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Strategic Intelligence

Sustainable Regional Connectivity

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Background

The world is measuring the LPI index (Logistics Performance Indicator) through development Banks, allowing to quantify opportunities for each country on areas like, infrastructure, burden of processes, capital cost and human capital development among others. These effort are showing to the world our capacity for competitiveness but at the same time, attracting investment and triggering logistics potential, not only for your own country but for the entire Americas region, for the commercial flow of materials and products.

According to Daqua Treo´s model, the best way to achieve the previous challenge for the region is through a collaborative process among **associations, academy & government** in order to guarantee an accurate measurement for processes improvement and competitiveness, with a long term purpose, strategic with global impact, **not only domestic....**

the most recent WB report for Logistics Performance Index (LPI) 2016

Desempeño Logístico en Latinoamérica y el Caribe, por países					
País	2014		2016		Variación
	Ranking	Puntuación	Ranking	Puntuación	16/14
Panamá	45	3.19	40	3.34	▲ 4.5%
Chile	42	3.26	46	3.25	▼ -0.2%
México	50	3.13	54	3.11	▼ -0.5%
Brasil	65	2.94	55	3.09	▲ 4.9%
Uruguay	91	2.68	65	2.97	▲ 11.0%
Argentina	60	2.99	66	2.96	▼ -0.8%
Perú	71	2.84	69	2.89	▲ 1.9%
Ecuador	86	2.71	74	2.78	▲ 2.5%
Bahamas	66	2.91	78	2.75	▼ -5.5%
El Salvador	64	2.96	83	2.71	▼ -8.6%
Guyana	124	2.46	85	2.67	▲ 8.5%
Costa Rica	87	2.70	89	2.65	▼ -1.9%
República Dominicana	69	2.86	91	2.63	▼ -8.2%
Colombia	97	2.64	94	2.61	▼ -1.0%
Paraguay	78	2.78	101	2.56	▼ -7.9%
Nicaragua	95	2.65	102	2.53	▼ -4.6%
Guatemala	77	2.80	111	2.48	▼ -11.5%
Honduras	103	2.61	112	2.46	▼ -5.5%
Jamaica	70	2.84	119	2.40	▼ -15.6%
Trinidad y Tobago	-	-	121	2.40	-
Venezuela, RB	76	2.81	122	2.39	▼ -14.9%
Cuba	152	2.18	131	2.35	▲ 7.6%
Bolivia	121	2.48	138	2.25	▼ -9.2%
Haití	144	2.27	159	1.72	▼ -24.4%

Desempeño Logístico Latinoamérica y el Caribe

Indicadores	2014	2016	Variación
Desempeño Logístico	2.74	2.48	▼ -9%
Aduanas	2.57	2.46	▼ -4%
Infraestructura	2.52	2.69	▲ 7%
Envíos Internacionales	2.79	2.6	▼ -7%
Competencia de Servicios Logísticos	2.7	2.67	▼ -1%
Seguimiento y Rastreo	2.76	3.05	▲ 11%
Puntualidad	3.08	2.66	▼ -14%

Fuente: LPI 2016, Banco Mundial

Country	LPI Rank	LPI Score	Customs	Infrastructure	International shipments	Logistics competence	Tracking & tracing	Timeliness
			?	?	?	?	?	?
Germany	1	4.19	4.09	4.38	3.83	4.26	4.22	4.40
Netherlands	2	4.07	3.97	4.23	3.76	4.12	4.08	4.30
Sweden	3	4.07	3.95	4.22	3.88	4.04	4.02	4.32
Singapore	5	4.05	4.00	4.14	3.72	4.08	4.05	4.34
Belgium	4	4.05	3.74	4.03	3.97	4.10	4.11	4.40
United Kingdom	6	4.01	3.85	4.09	3.69	4.04	4.10	4.32
Japan	7	3.99	3.91	4.19	3.61	4.03	4.03	4.24
Austria	8	3.99	3.71	4.07	3.78	4.04	4.13	4.22
Hong Kong, China	9	3.96	3.85	4.02	3.85	3.94	3.95	4.18
United States	10	3.92	3.76	4.10	3.54	3.93	4.13	4.14
Chile	40	3.28	3.23	3.09	3.24	3.09	3.30	3.73
Panama	41	3.26	2.95	3.14	3.35	3.20	3.25	3.63
India	42	3.22	2.97	3.01	3.24	3.18	3.33	3.57
Lithuania	43	3.20	3.02	3.00	3.03	3.10	3.25	3.78
Greece	44	3.19	2.88	3.19	3.13	3.02	3.25	3.67
Oman	46	3.16	2.82	3.18	3.29	3.06	2.96	3.61
Vietnam	45	3.16	2.86	2.92	3.15	3.17	3.23	3.60
Slovak Republic	47	3.14	2.94	3.09	3.19	3.13	3.02	3.45
Croatia	48	3.12	3.01	3.02	2.99	3.10	3.08	3.51

besides accomplishing global / local standards...

- IMO low-sulfur fuel requirement for 2020
- Local Governments standards
- CO2 emissions
- Sustainability and eco friendly



So, as a conclusion...connectivity is not a reflex of

- Accomplish standards
- Accomplish LPI
- Achieve sustainability
- Achieve competitiveness....



But then, the way to boost a connectivity strategy...means

- A people´s Ecosystem, a neuronal region connected by
 - KPI´s showing the capacity of improvement and as a consequence of competitive growing
 - Based on technology to potencialice disruptive change, profitable and sustainable
 - Based on collaborative regional strategies for design, using local teams to analyze regional vocations besides domestic strenghts. ie: the weaker market is the bottleneck for the region and we have an historical debt with caribbean...



Neuronal Ecosystem: Puzzle for sustainable connectivity



Artificial Intelligence



Industry 4.0
FROM SMART SYSTEM INTEGRATION
TO SMART PEOPLE ECOSYSTEMS



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