

# The European Commission's science and knowledge service

## Joint Research Centre



# ASEM SUSTAINABLE CONNECTIVITY PORTAL

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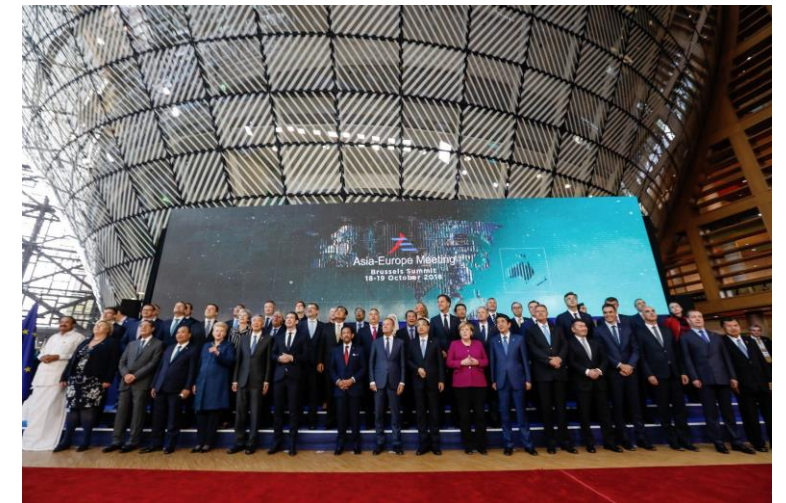
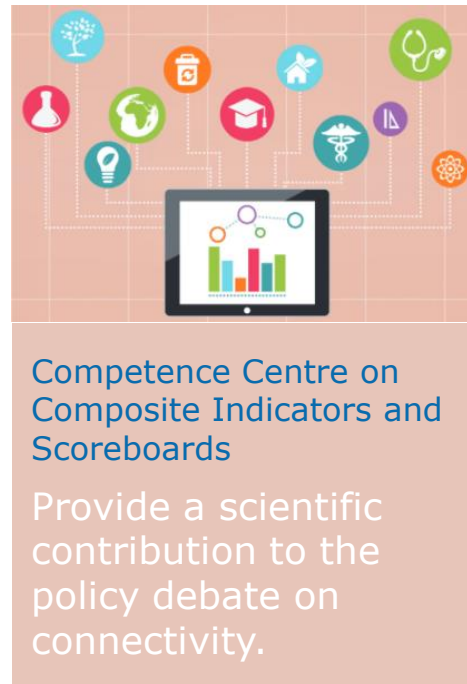
# CONNECTIVITY?



# ASEM

SUSTAINABLE  
CONNECTIVITY  
PORTAL

# Setting the scene



18-19 OCTOBER 2018  
12th ASEM SUMMIT  
BRUSSELS, BELGIUM

# The ASEM Connectivity definition brings ...

...three distinct features from existing globalisation indices.

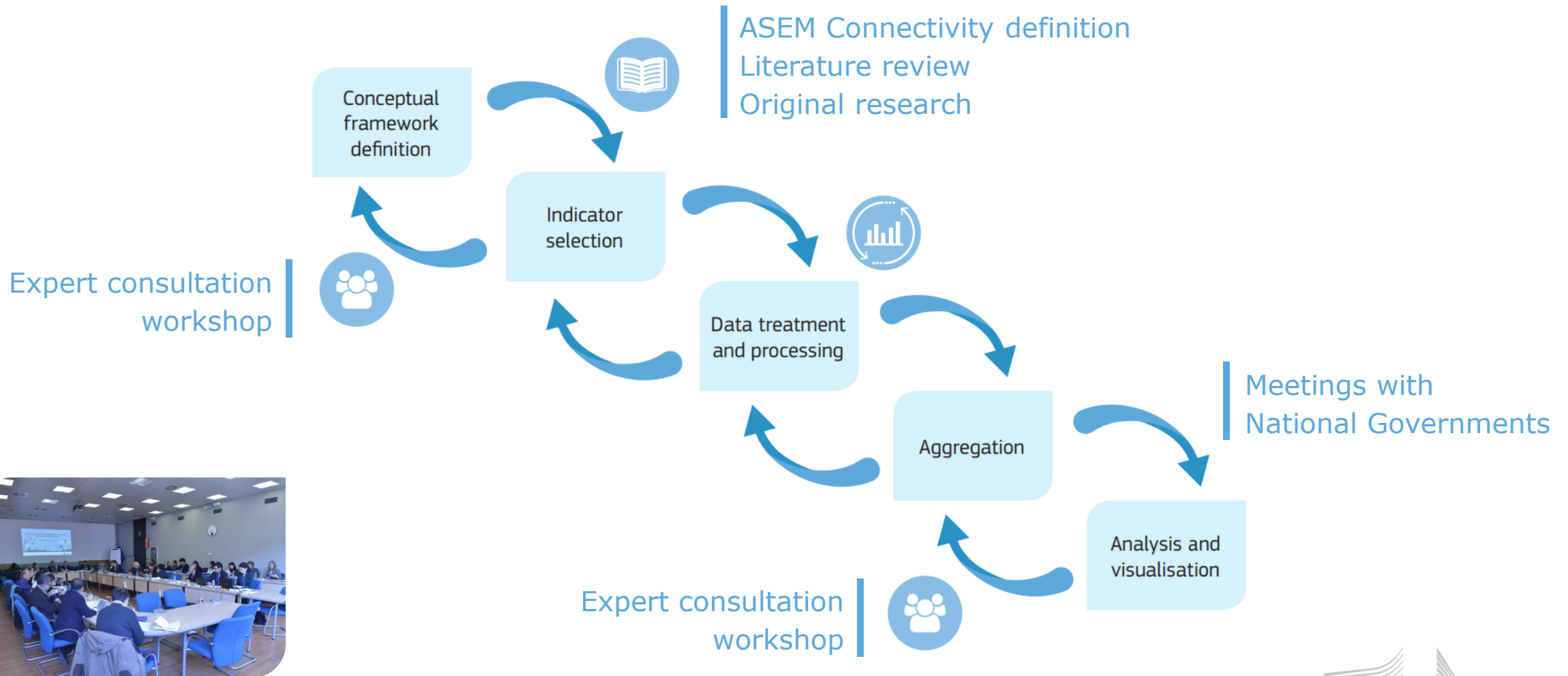
- 1 Broader concept, emphasis on **Political, Institutional** and **Socio-Cultural**
- 2 Links between **Connectivity** and **Sustainable Development**
- 3 Focus specifically on the connections among the **ASEM group of 51 countries**



How do we  
measure it?



# Our approach









# 2 Indexes combining 49 indicators



# Indicator framework

## ASEM Connectivity Index framework of indicators

	Physical	1. Logistics Performance Index
		2. ⇄ International flights passenger capacity
		3. Liner Shipping Connectivity Index
		4. Border crossings
		5. ⇄ Trade in electricity
		6. ⇄ Trade in gas
		7. Average connection speed
		8. Population covered by at least a 4G mobile network
	Economic/Financial	9. ⇄ Trade in goods
		10. Trade in services
		11. ⇄ Foreign direct investment
		12. ⇄ Personal remittances (received and paid)
		13. Foreign portfolio investment liabilities and assets
	Political	14. ⇄ Embassies network
		15. Participation in international intergovernmental organisations
		16. ⇄ UN voting alignment
	Institutional	17. Cost to export/import
		18. Mean tariff rate
		19. Technical barriers to trade
		20. Signatory of TIR Convention
		21. ⇄ Regional trade agreements
		22. ⇄ Visa-free or visa-on-arrival
	People- to-people	23. ⇄ International student mobility in tertiary education
		24. ⇄ Research outputs with international collaborations
		25. ⇄ Patents with foreign co-inventor
		26. Trade in cultural and creative services
		27. ⇄ Trade in cultural goods
		28. Tourist arrivals at national borders
		29. ⇄ Migrant stock
		30. ⇄ Common language users

## ASEM Sustainability Index framework of indicators

	Environmental	31. Renewable energy in total final energy consumption
		32. Primary energy use per capita
		33. CO <sub>2</sub> emissions per capita
		34. Domestic material consumption per capita
		35. Net forest loss
	Social	36. Population living below the international poverty line
		37. Palma Index
		38. Tertiary graduates
		39. Freedom of the press
		40. Tolerance for minorities
		41. Presence of international non-governmental organisations
		42. Corruption Perceptions Index
		43. Female labour-force participation
	Economic/Financial	44. Women's participation in national parliaments
		45. Public debt as a percentage of GDP
		46. Private debt, loans and debt securities as a percentage of GDP
		47. GDP per capita growth
		48. R&D expenditure as a percentage of GDP
		49. Proportion of youth not in education, employment or training

⇄ **16 indicators exclusively accounting for flows and connections between ASEM countries**





How do we make the  
information reachable  
to our audience?



## ASEM Sustainable Connectivity Portal

Strengthening Asia-Europe links through data and research



Welcome to the ASEM Sustainable Connectivity Portal. The Portal offers a wealth of connectivity- and sustainability-related data to help policymakers, researchers, businesses and other stakeholders gather insights into the state of connectivity between 30 European and 21 Asian countries in the framework of the [Asia-Europe Meeting](#).

51

countries

49

indicators

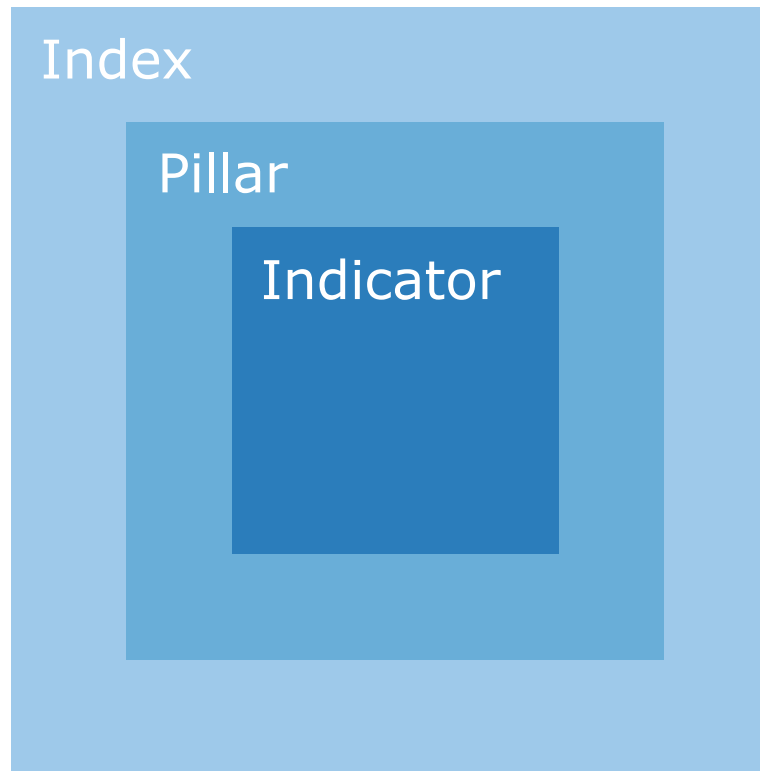
30,000+

connections



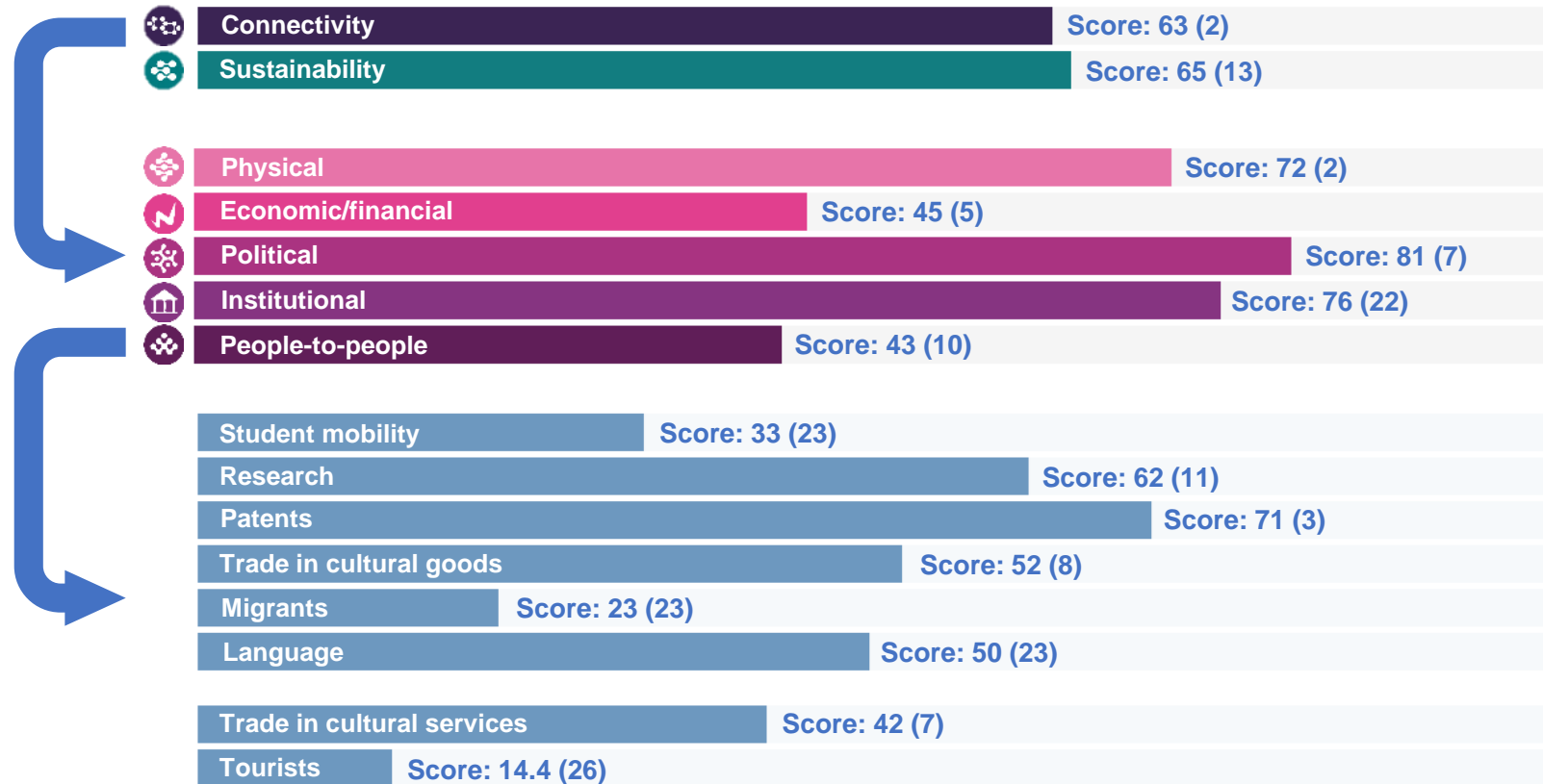
European  
Commission

# The Portal offers the opportunity to drill down...





# Zoom in a Country Profile: Belgium



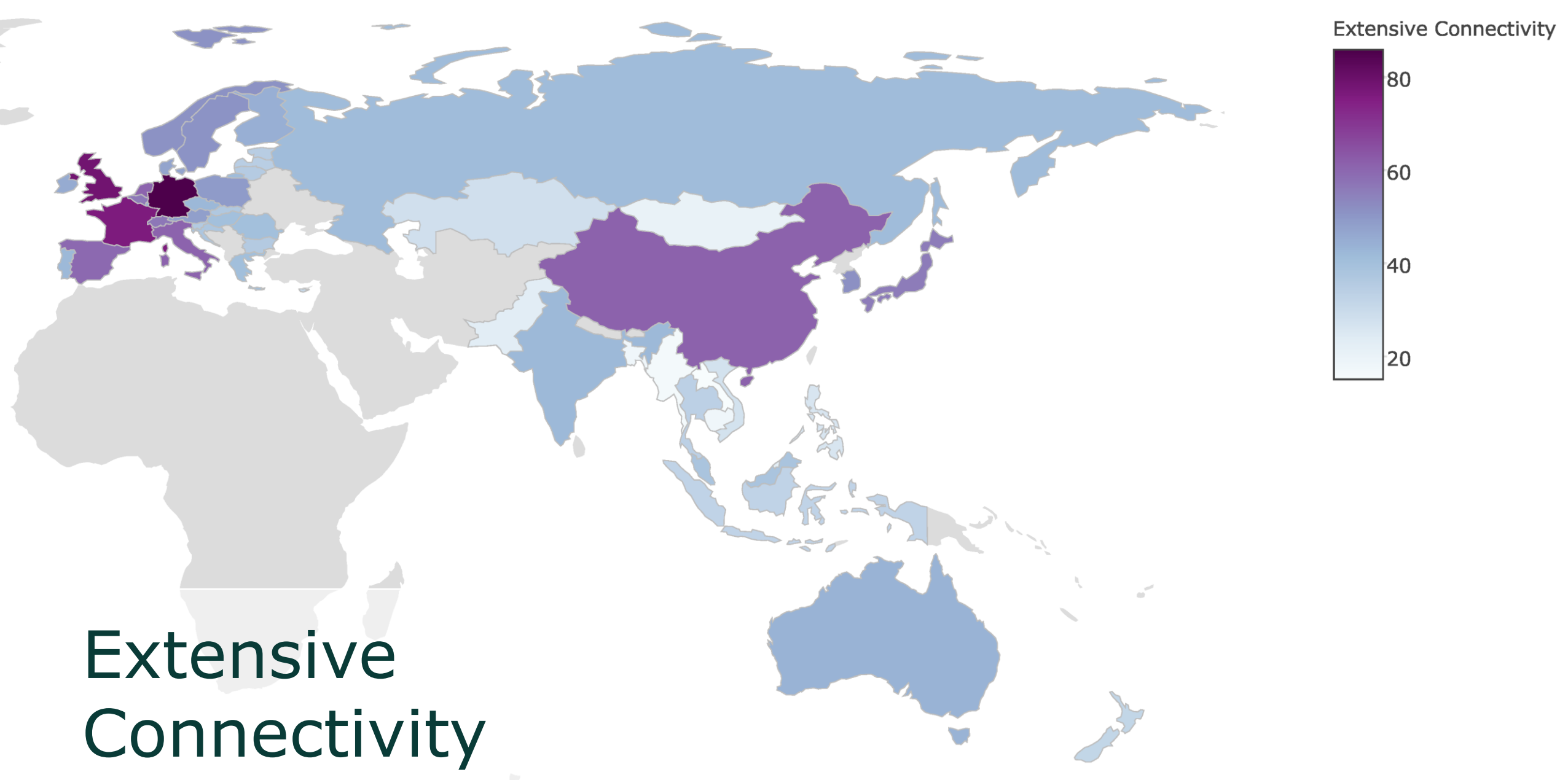
# Explore bilateral connections



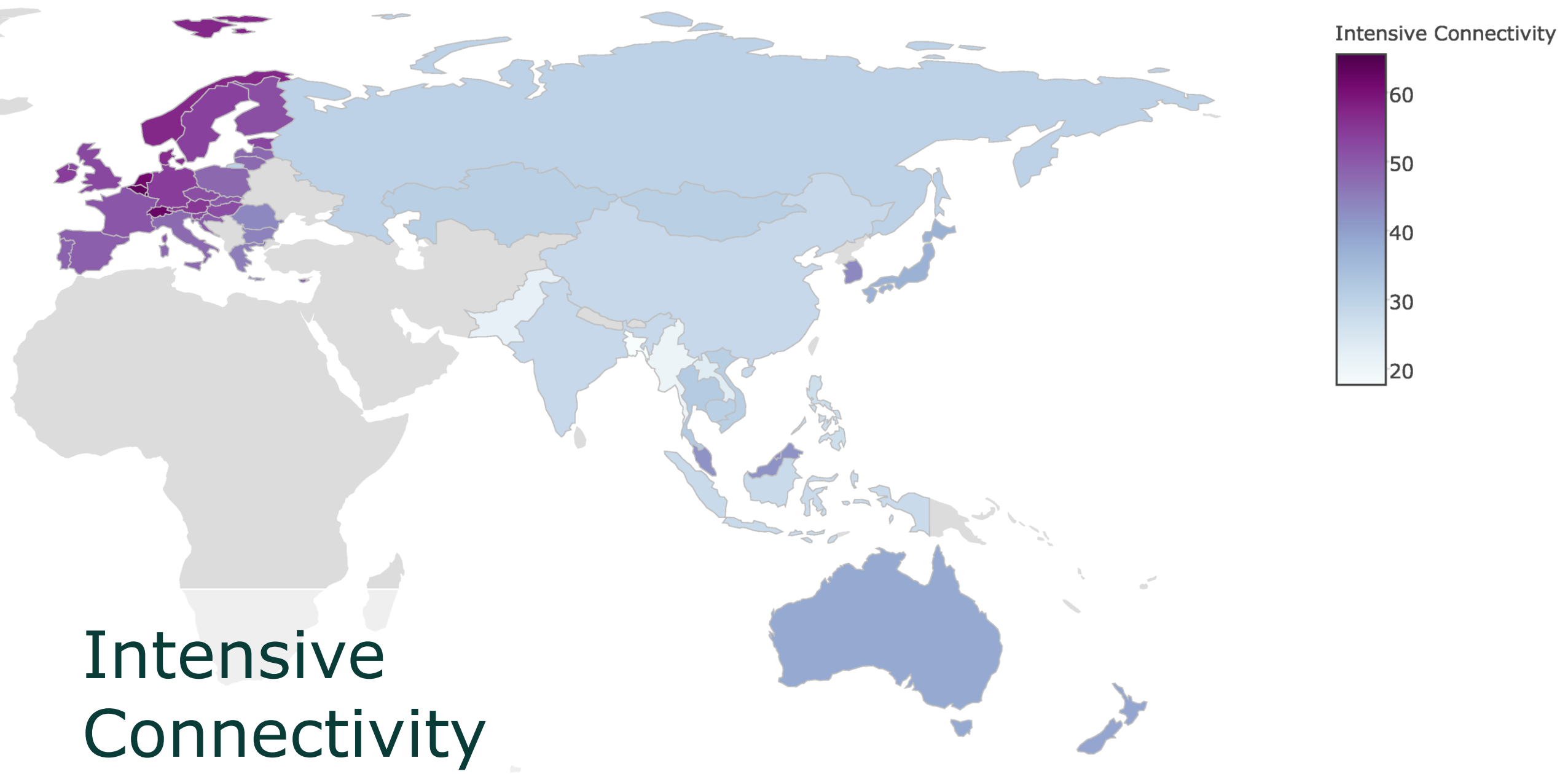




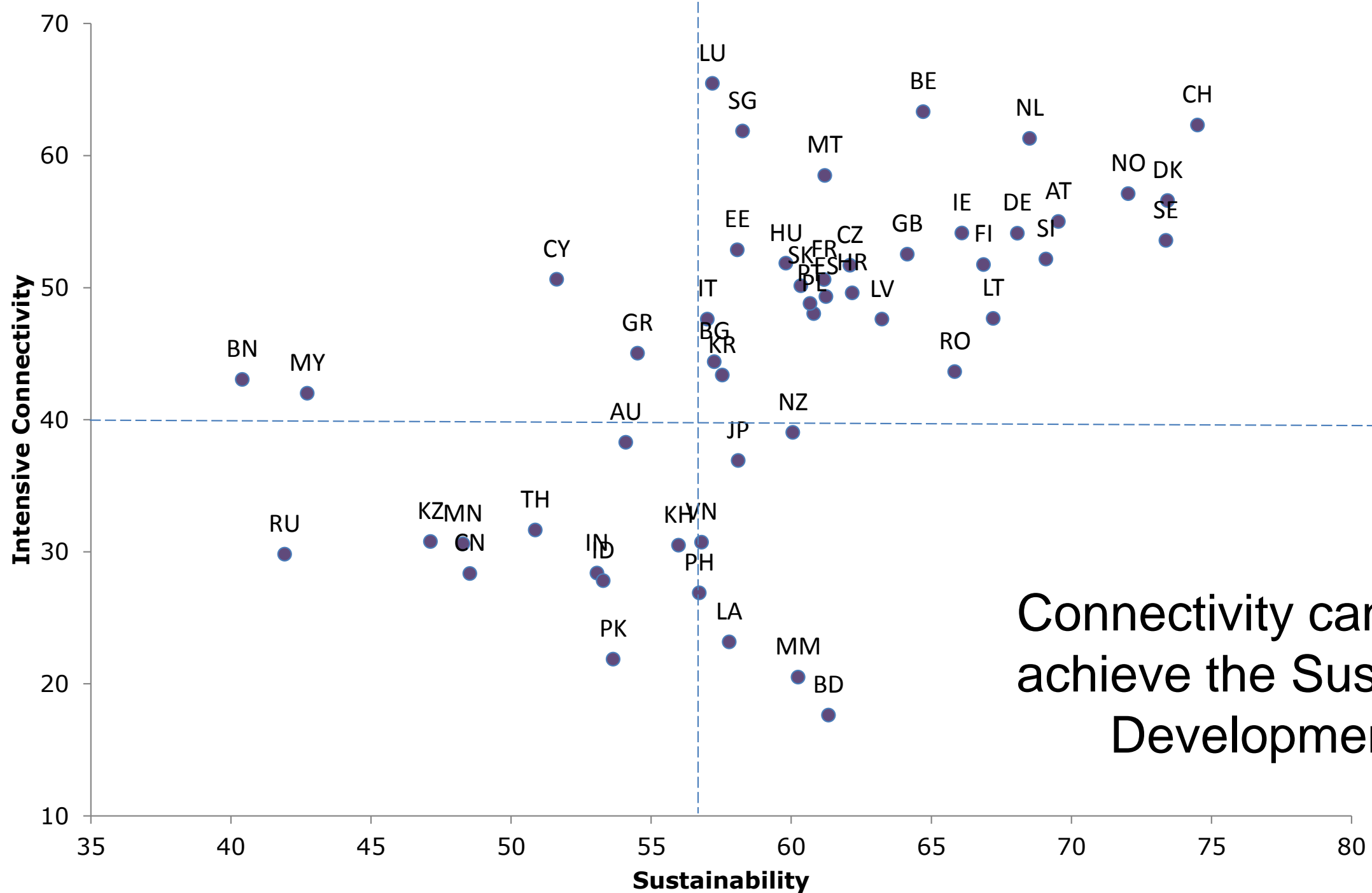
# Key findings



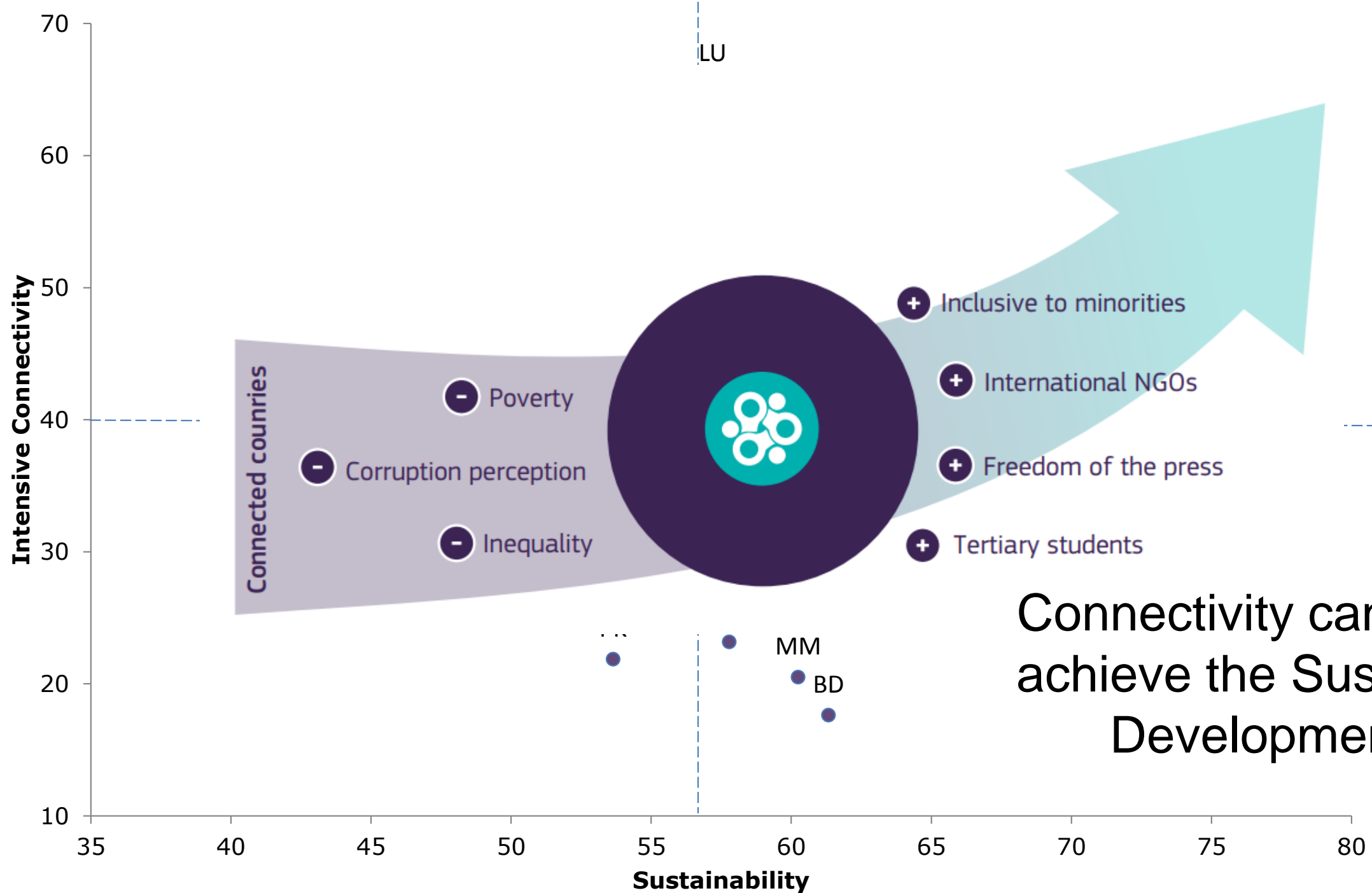
# Extensive Connectivity





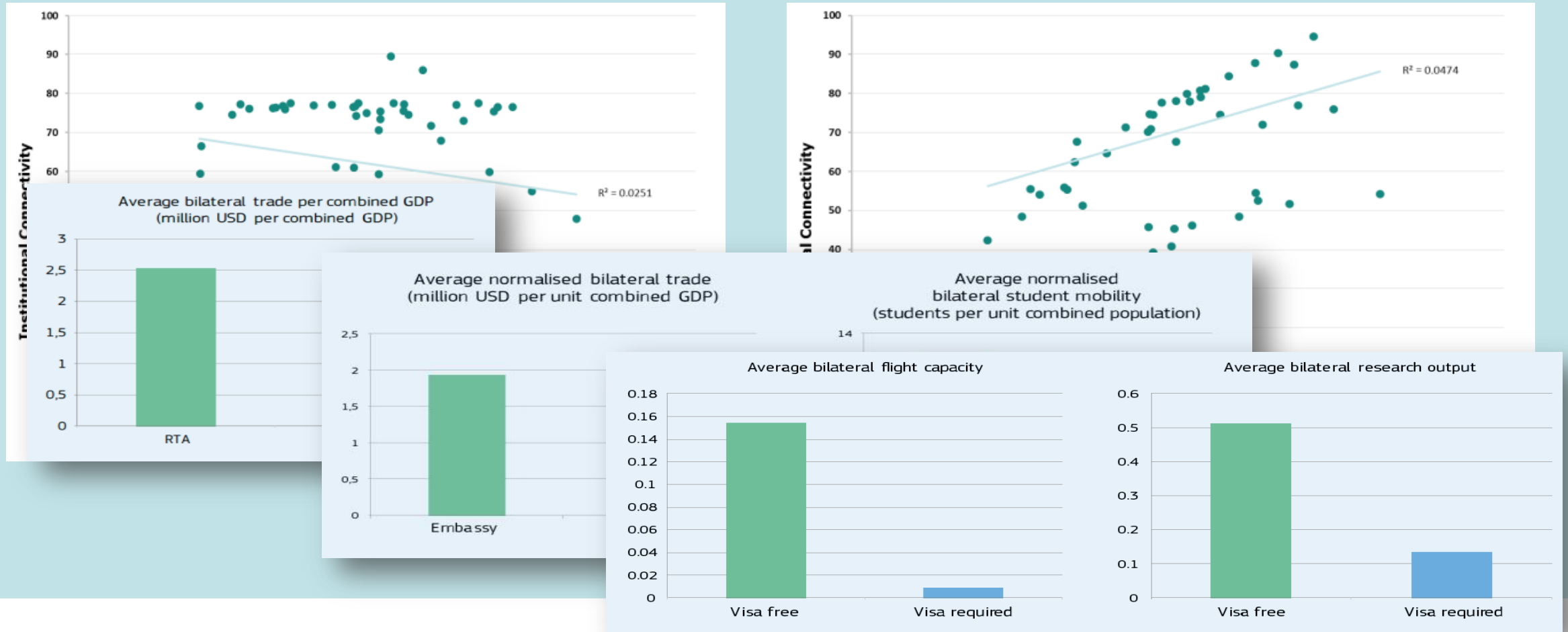


Connectivity can help to  
achieve the Sustainable  
Development Goals



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achieve the Sustainable  
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# Political and institutional links are a cost-effective way to advance in connectivity



# Our biggest challenge



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# Our biggest challenge



## Politically sensitive environment

- Top and bottom ranked countries should be avoided
- ASEM should not be seen as a competition

→ Need to move away from the usual communication approach and find alternative ways in providing data for policy-makers



# Thank you



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*What gets measured, gets done. The ASEM Sustainable Connectivity Portal will help policymakers bring down barriers between our continents.*

Commissioner Tibor Navracsics

#ASEM



# Discover more:

<https://composite-indicators.jrc.ec.europa.eu/asem-sustainable-connectivity>