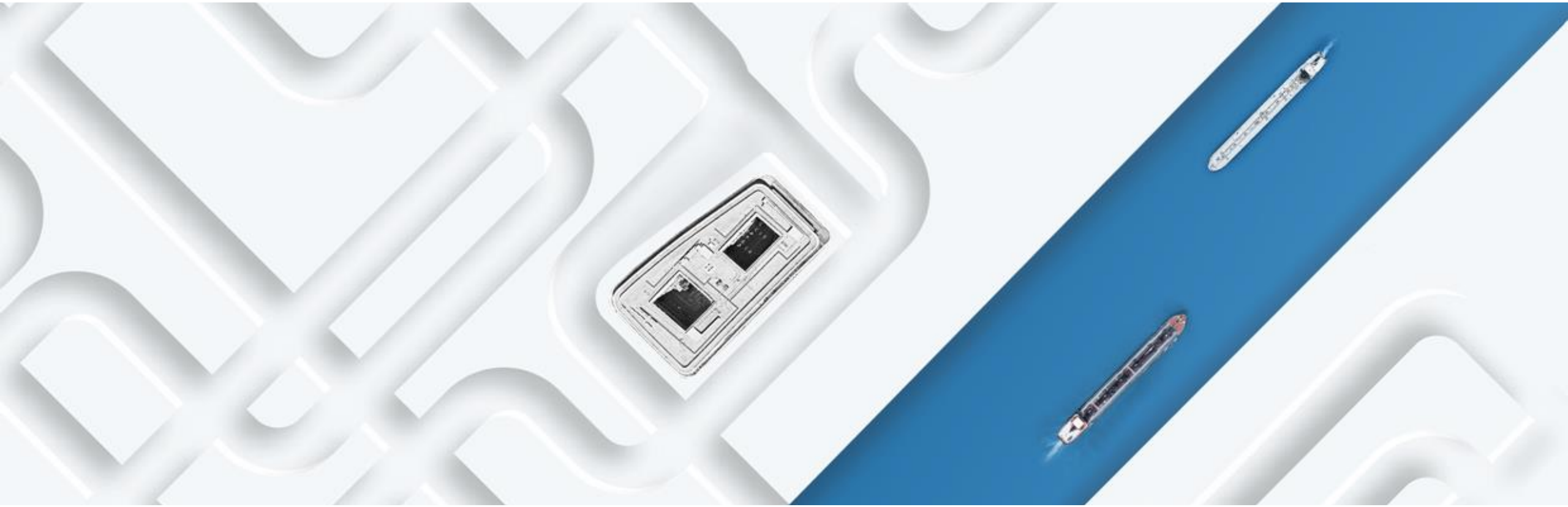
TRANSATLANTIC COMPETITIVENESS AND INNOVATION INDEX (TASICI) PRESENTATION - Germany

Brussels, European Parliament, Room A5E03



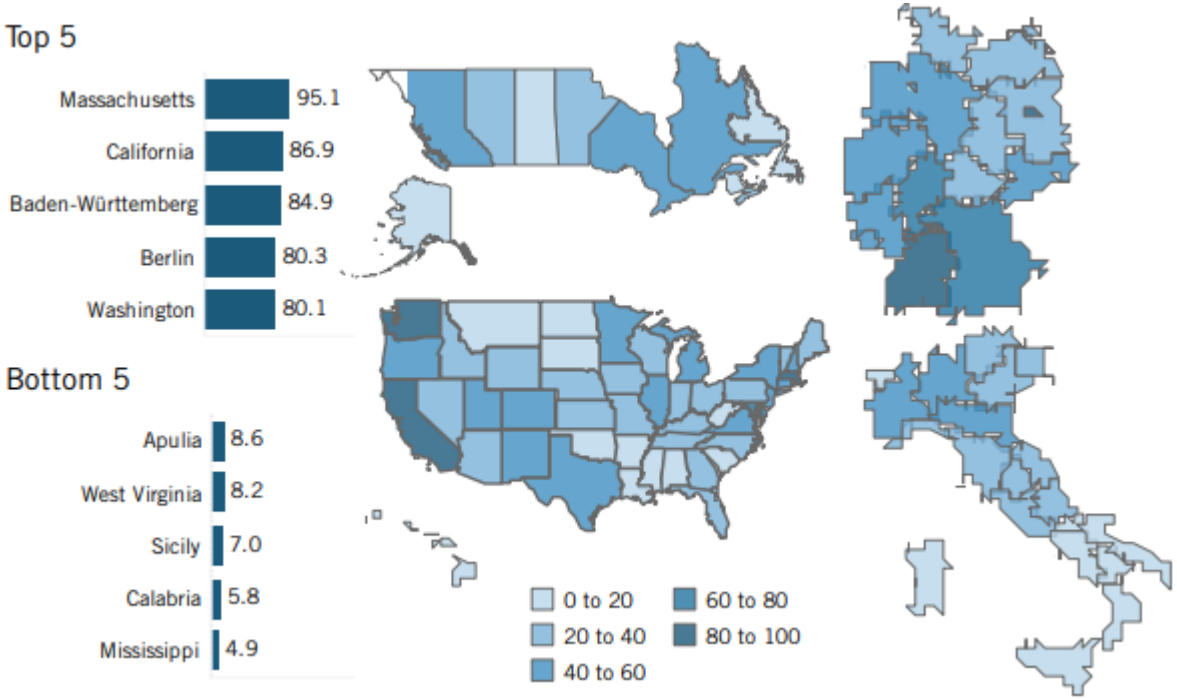
INSTITUT DER DEUTSCHEN WIRTSCHAFT

14. November 2022 / Prof. Dr. Axel Plünnecke

Overall composite TASICI scores

Regional disparities in each country (96 regions, 4 countries)

Country	Median Overall Score	Median Knowledge Score	Median Globalization Score	Median Capacity Score
Canada	21.1	30.2	38.8	22.8
Germany	44.1	41.5	50.6	46.9
Italy	24.9	23.7	37.5	32.2
USA	33.8	39.3	36.3	32.9
ALL	**33.1**	**34.7**	**39.8**	**33.8**



Regional Disparities in Germany - Strengths and weaknesses

96 regions

	Overall	Knowledge	Globalization	Capacity
Baden-Württemberg	3 (84,9)	19 (54,4)	4 (83,1)	1 (95,2)
Berlin	4 (80,3)	1 (95,1)	46 (40,5)	5 (78,2)
Hamburg	6 (73,5)	2 (93,5)	13 (69,4)	10 (62,2)
Bavaria	7 (71,6)	20 (53,6)	2 (90,4)	6 (74,6)
…				
Schleswig-Holstein	48 (33,4)	50 (34,2)	43 (42,9)	47 (35,0)
Mecklenburg-V.	53 (29,8)	56 (31,7)	62 (32,5)	56 (30,4)
Brandenburg	62 (24,7)	42 (39,4)	85 (16,0)	60 (27,7)
Saxony-Anhalt	65 (23,1)	60 (29,8)	77 (24,9)	79 (20,2)
		Scientific Employment Population with higher education Immigration of knowledge workers Labor Productivity Manufactoring	High Tech Exports Inward FDI	Broadband Access R&D Intensity R&D Personnel Patent Applications Business Creation; Venture Capital Carbon Efficiency

Challenges in the coming years





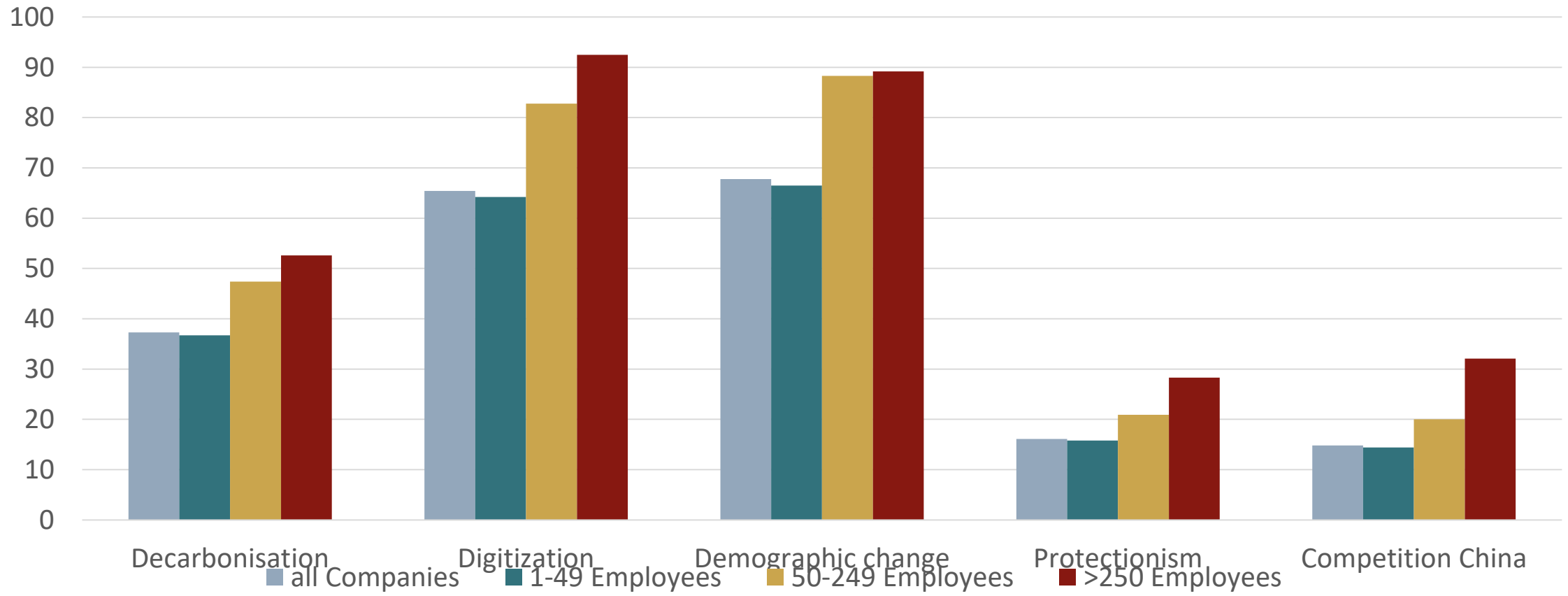




Bild-/Urhebernachweis: iStock: DKosig, Getty Images: Kilito Chan, iStock: kamisoka, Dmytro Varavin

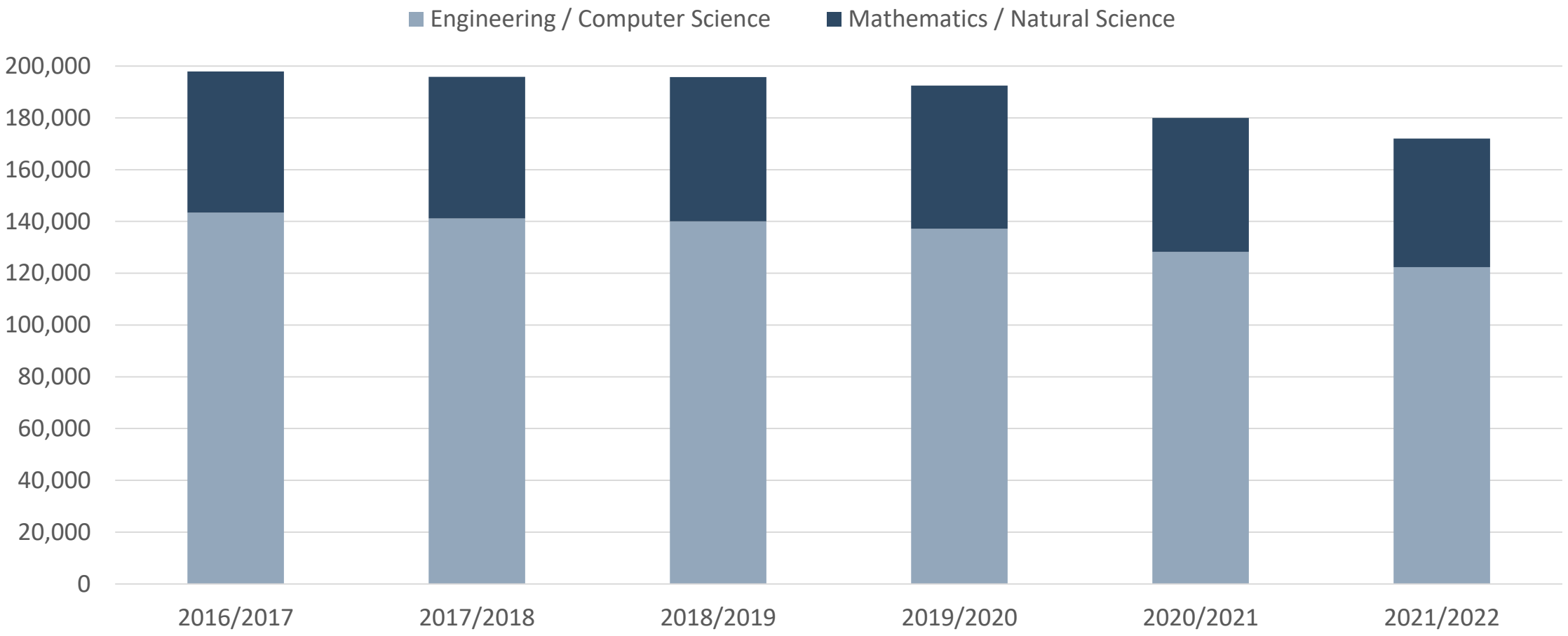
Challenges from a corporate perspective

very or rather high importance, in %, next five years



Source: Demary et al., 2021

Strong decrease in First-year STEM students



Source: Statistisches Bundesamt, 2022

Policy Recommendations

Knowledge Econonomy

- More investment in education (computer science and other STEM subjects)
- Foster Immigation of qualified workers

Globalization

- Better incentives for technological FDI

Innovation Capacity

- Increase research premium
- More investment in digital infrastructure



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