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HIGH LEVEL DIALOGUE
ON ASEAN ITALY
ECONOMIC RELATIONS

HIGH LEVEL DIALOGUE ON ASEAN ITALY ECONOMIC RELATIONS

Digital Round Tables

3° digital Round Table

Tuesday, November 10, 2020

PRESENTATION BY VENKATACHALAM ANBUMOZHI

Coupling Industrial Growth and Economic, Social and Environmental Sustainability

Venkatachalam Anbumozhi

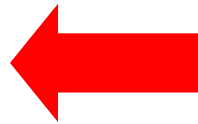
www.eria.org

Economic Research Institute for ASEAN and East Asia



ASEAN's Top Ten Problems over Next 50 Years

1. Energy
2. Water
3. Food
4. Environment
5. Poverty
6. Terrorism and War
7. Disease
8. Education
9. Democracy
10. Population



People under poverty line in Asia
Under \$2 (PPP) day

270 million, 51% of Asia

Game changers- AEC, RCEP, SDG, COP24 , C-19 Pandemic – 2020 A watershed year !



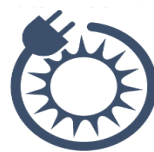
What Paris Agreement to ASEAN - The Great Low Carbon Economic Transition?

Strategy

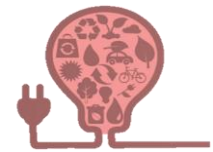
Energy Efficiency



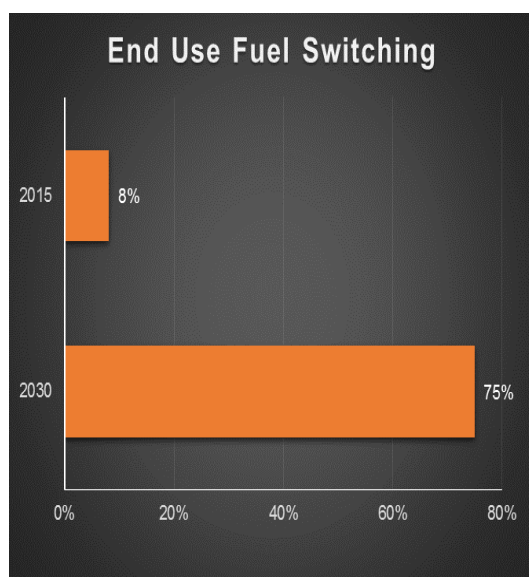
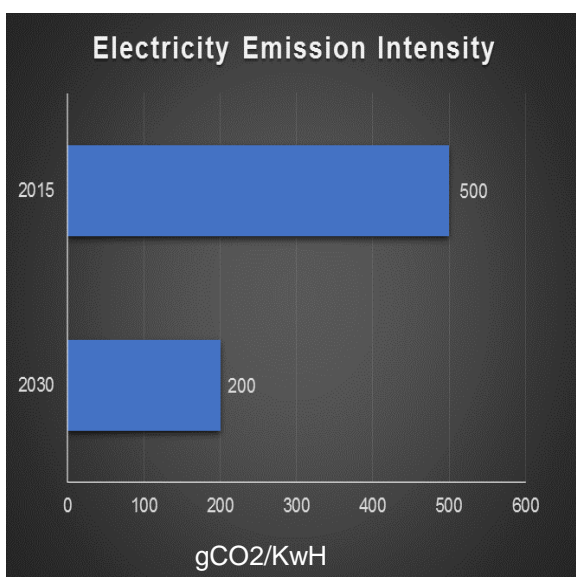
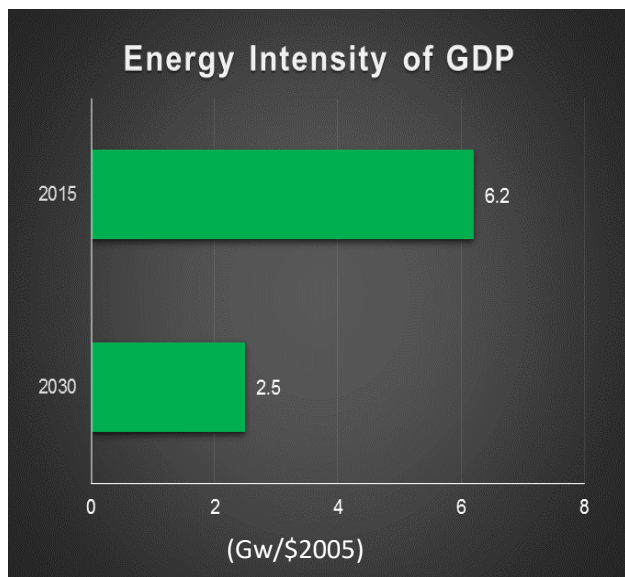
Decarbonization of Electricity



End Use Fuel Switching



Key Metrics of Transformation



Overall SDG Index Score and Average Country Scores by Each SDG

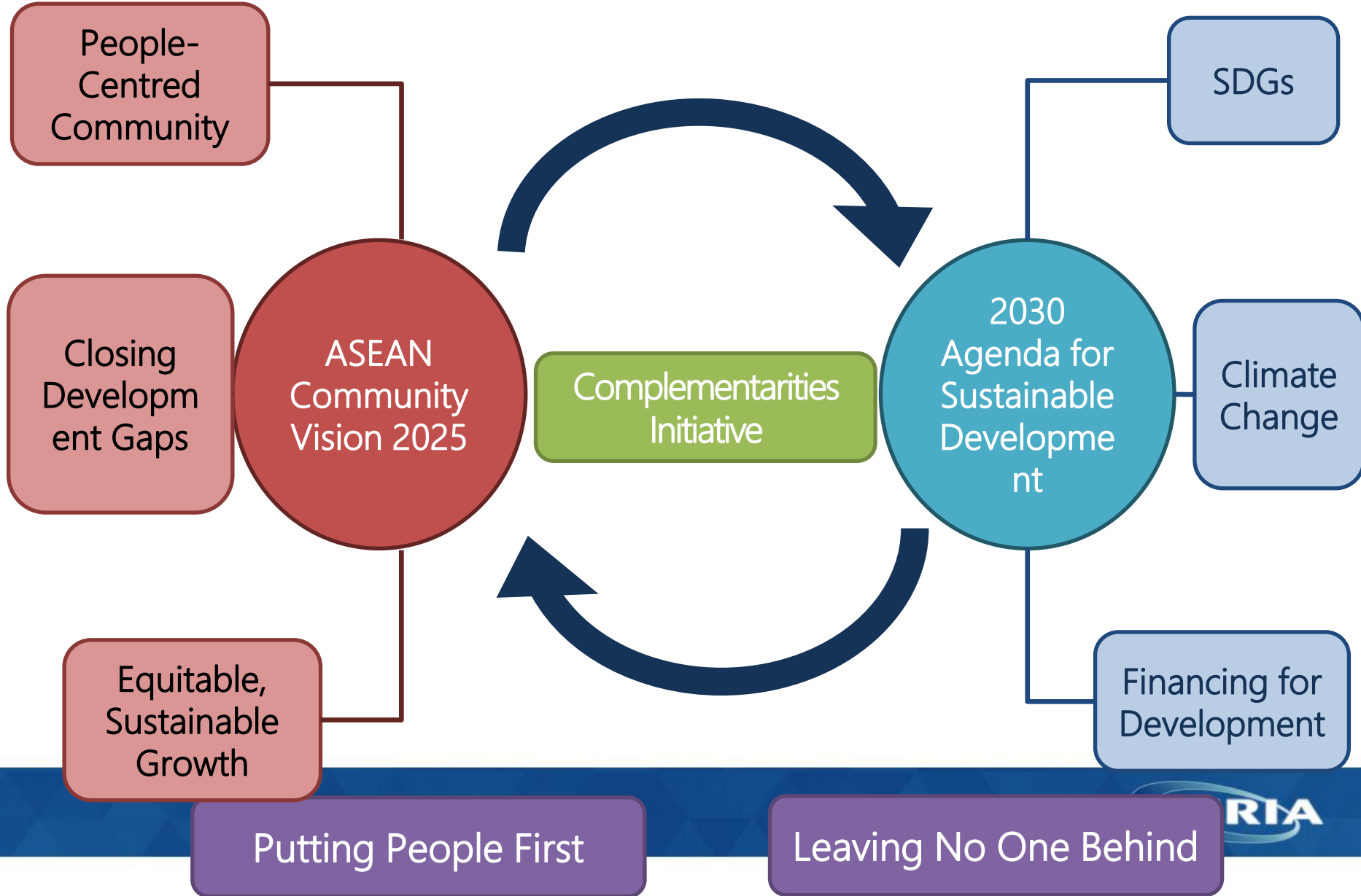
	SDGI	SDG1	SDG2	SDG3	SDG4	SDG5	SDG6	SDG7	SDG8	SDG9	SDG10	SDG11	SDG12	SDG13	SDG14	SDG15	SDG16	SDG17
Malaysia	69.7	98.2	54.1	83.1	88.1	51.2	99.0	84.1	71.2	60.8	40.7	94.5	69.7	82.4	45.9	31.6	79.0	59.9
Thailand	69.5	100.0	55.0	76.2	76.2	65.7	95.1	76.9	85.2	39.8	64.8	75.1	70.4	73.0	45.0	63.2	58.0	62.6
Singapore	69.0	98.6	71.1	93.8	92.3	68.3	88.9	90.7	95.0	85.7	37.7	92.9	43.3	48.1	21.2	26.2	89.8	28.7
Vietnam	67.9	99.0	62.1	74.6	81.3	76.4	90.7	72.4	60.8	24.9	65.5	66.4	71.2	73.4	51.8	46.6	65.6	71.4
Philippines	64.3	92.5	50.2	61.1	84.0	64.5	85.5	64.6	60.8	24.5	49.9	68.0	82.2	88.5	50.7	51.5	61.1	53.9
Indonesia	62.9	94.6	46.9	60.7	76.2	59.3	81.6	64.8	67.7	25.4	60.2	58.7	79.3	88.5	44.5	44.2	69.9	46.5
Lao PDR	61.4	86.1	51.4	55.8	64.2	68.3	79.3	38.1	66.0	12.9	64.7	67.4	78.8	81.8	-	51.8	63.6	52.3
Myanmar	59.5	87.5	52.2	56.7	67.9	67.8	84.9	36.9	51.5	13.3	-	27.7	77.6	81.6	38.4	51.3	57.6	100.0

SDI Index signifies countries position between the worst (0) and the best outcome (100).

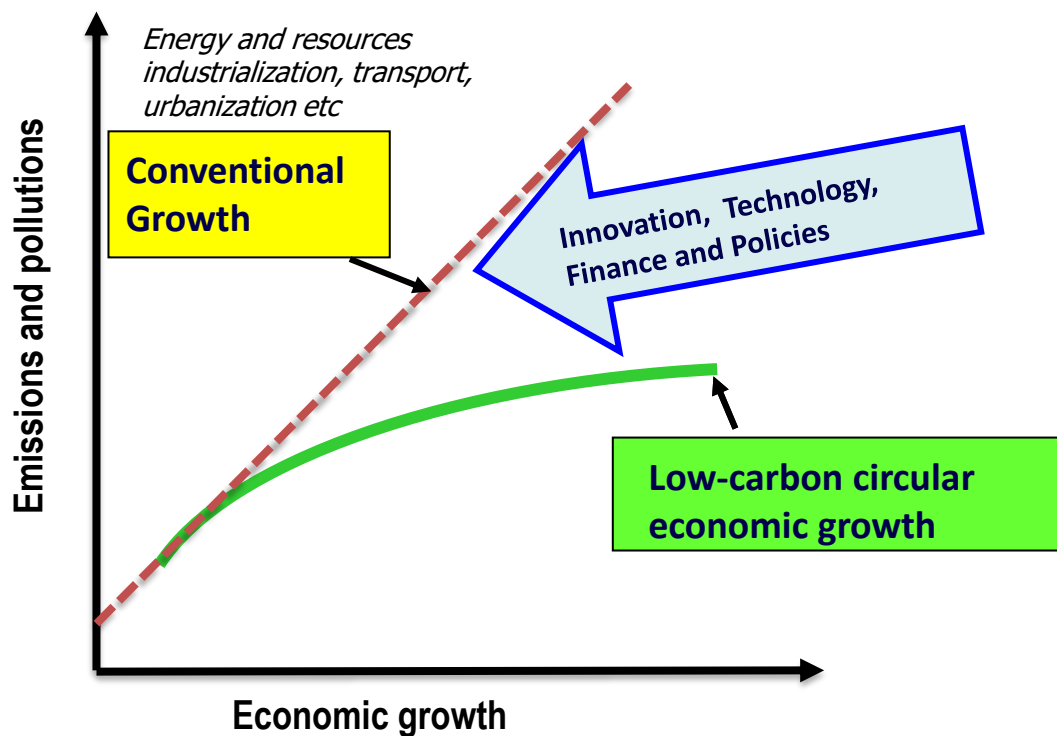
So Thailand's 69.5 suggest the country is on average 69.5% of the way to best possible outcome across the 17 SDGs



ASEAN Framework on Sustainable Development Cooperation



Low-Carbon Circular Economy = Meeting TRIPLE CHALLENGES

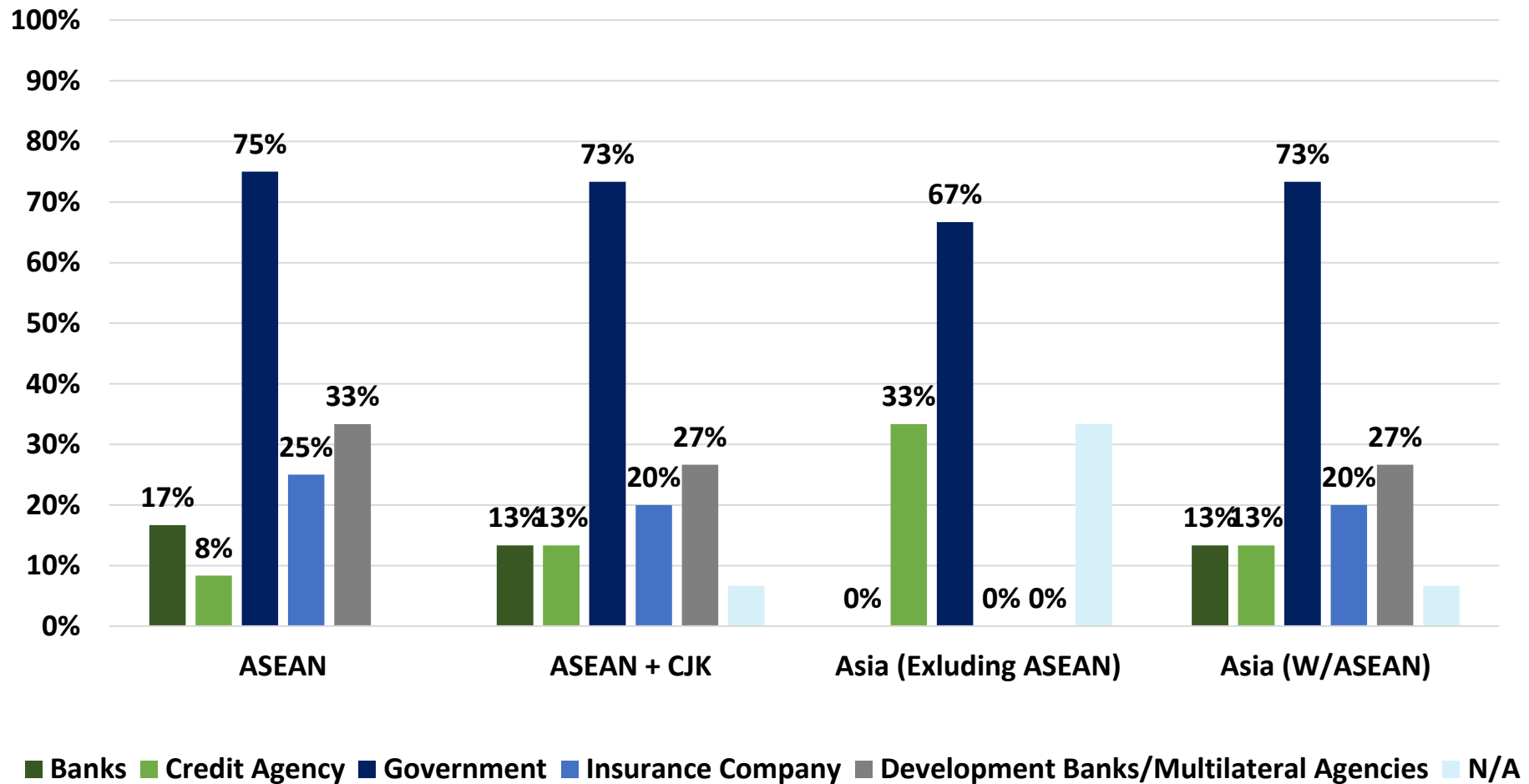


Accelerated Economic growth, Enhanced Energy and Human Security and Reduced Pollutions and Emissions

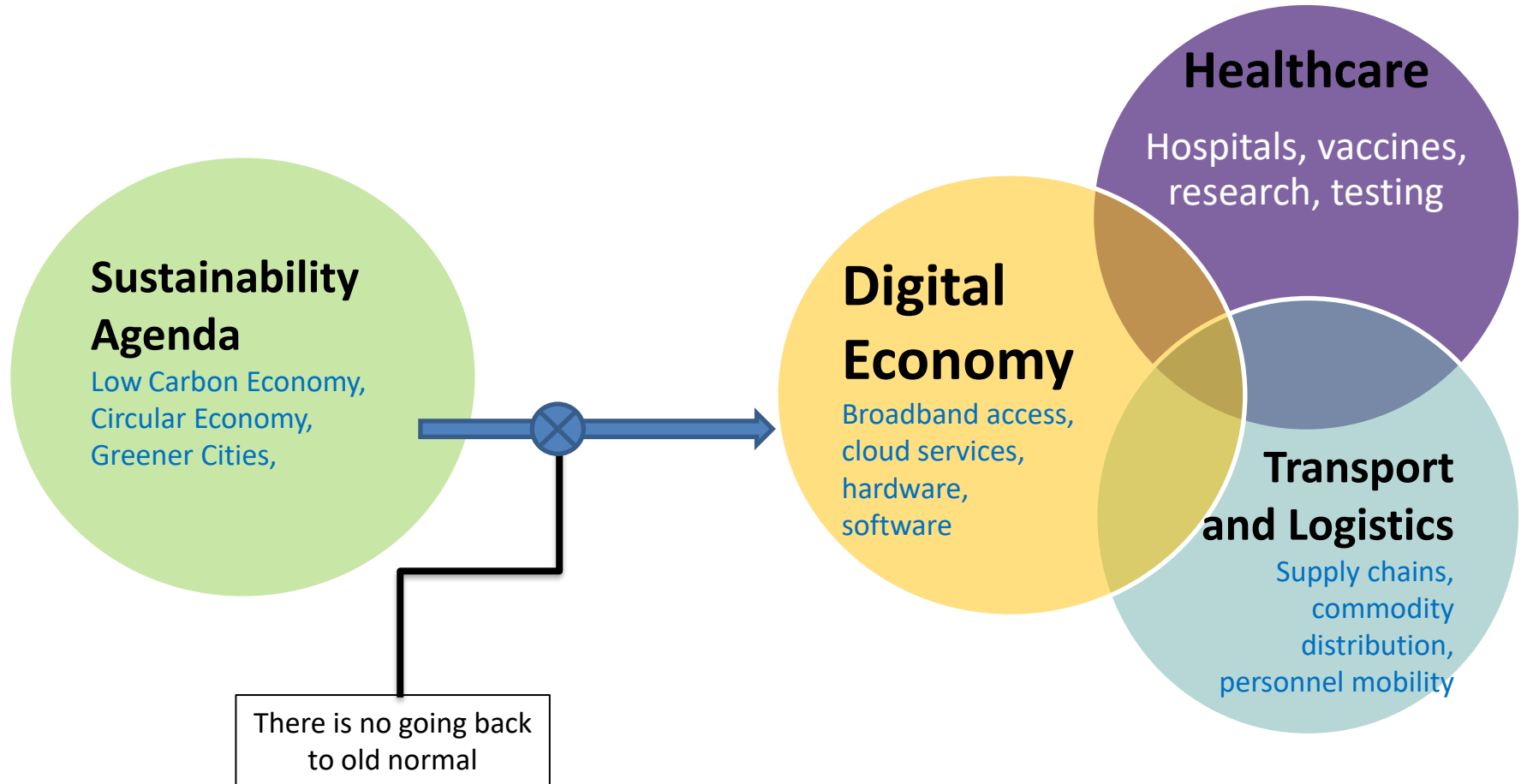
Circular Economy Readiness Ratings of ASEAN

Country	Higher Education and Training	Goods Market Efficiency	Labour Market Efficiency	Financial Market Development	Technological Readiness	Market Size	Overall Rating
Cambodia	2.8	4.2	4.5	3.9	3.0	3.0	3.6
Indonesia	4.5	4.4	3.7	4.2	3.5	5.7	4.3
Lao PDR	3.2	4.3	4.5	3.8	2.8	2.9	3.6
Malaysia	5.0	5.4	4.9	5.2	4.6	5.0	5.0
Myanmar	2.5	3.6	4.2	2.4	2.2	4.2	3.2
Philippines	4.5	4.2	4.1	4.2	3.9	4.9	4.3
Singapore	6.2	5.7	5.7	5.6	6.2	4.8	5.7
Thailand	4.6	4.7	4.2	4.4	4.2	5.2	4.6
Viet Nam	3.8	4.2	4.4	3.7	3.3	4.8	4.0

Who is willing to Share Business risks in low carbon investments?



COVID reminds us of the importance of Critical Interconnected Economic systems and emerging Technology Transformation



Imperative for Resetting Policies towards Low-Carbon Green Growth in the Aftermath of the COVID-19

AMS	Total Stimulus		2nd Quarter	EPI	CRI	Planned Allocation for Green Transition
	(in Billion USD)	% of GDP	Growth (%) @ 2020	@ 2020	2020	
Brunei	-	3.2	2.8	54.8	125	
Cambodia	1.174	1.2		33.6	47.6	
Indonesia	44.1	4.41	-2.3	37.8	68.17	Bio-fuel, circular green model
Lao PDR	0.26	2.8		34.8	35.5	
Malaysia	59.6	17.0		47.9	84.3	Infrastructure, Public transport, green sukuk
Myanmar	1.28	2.1		25.1	58.83	
Philippines	11.9	3.2		38.4	11.17	Infrastructure
Singapore	66.8	18.3	-13.2	58.1	125	US\$5.9 billion for digital transformation and skill development
Thailand	74.4	9.6	-12.2	45.4	68.83	Circular green model
Vietnam	10	3.6	2.1	33.4	23.83	

ASEAN-Italy Economic Cooperation Framework for

