

Integration of Climate Change Aspects into Several Key Sectors in the Major Policies and Strategic Plans of Selangor

Sector	Mitigation Measures	Major Policy and Plan						Adaptation Measures
		RS1	SP	SS	KS	SA	AJ	
Energy	Energy Efficiency	0	0	2	1	20+6	0	
	Renewable Energy	3	5	0	0	3+4	0	
	Electricity Generation	1	1	0	0	0+2	0	
		0	0	0	0	0+0	0	DRR/Resilient Power
Industry	GHG Emission Reduction	14	0	1	0	1+2	1	
	Circular Economy	10	16	4	3	36+39	6	
Waste	Waste Management	0	0	0	0	0+0	0	DRR/CCA
	Fuel Switching	0	0	0	0	0+0	0	
	Material Efficiency	0	0	0	0	0+0	0	
	Enhanced Recycling	0	0	0	0	0+0	0	
Agriculture		0	3	0	0	0+2	0	Crop Management
		0	10	1	0	0+6	0	Food Security
	Reduce Food Waste	0	0	0	0	0+0	0	
Land	Carbon Sequestration	0	1	0	2	4+2	0	
		10	21	0	0	0+22	0	Forests & Biodiversity
		0	7	0	0	0+0	0	Coastal Protection
	Reduce Land Conversion	0	0	0	0	0+0	0	
	Ecosystem Restoration	0	0	0	0	0+0	0	DRR/CCA
Water	Wastewater Management	0	20	0	1	0+4	0	
		21	27	6	0	0+22	0	Water Security
		0	0	0	0	0+0	0	Water Use Efficiency
Settlement and Infrastructure	Green Building	1	6	0	0	20+3	0	
	Low Carbon Mobility	2	24	5	1	30+10	0	
	Infrastructure	4	0	0	0	0+2	0	
		0	0	0	0	0+0	0	DRR/Climate Service
		0	0	0	0	0+0	0	Planned Relocation
Health, Safety and Wellbeing		0	0	1	1	0+0	1	Public Health
		10	10	2	1	0+18	14	DRR
		0	4	0	0	0+0	0	Heritage
	Reduced Air Pollution	0	0	0	0	0+0	0	
	Energy Efficient Coolers	0	0	0	0	0+0	0	
Enablers	Mitigation Measures	Major Policy and Plan						Adaptation Measures
		RS1	SP	SS	KS	SA	AJ	
Governance	Governance	1	1	2	0	0+0	0	
	Spatial Planning	4	8	0	0	10+8	1	
Economy & Financial Leverage	Carbon Market	1	0	0	0	0+0	0	
		0	0	0	0	0+0	0	Risk Spreading
		0	0	0	0	0+0	0	Diversified Livelihood
		0	0	0	0	0+0	0	Social Safety Net
Capacity Building	CEPA	1	0	0	0	0+5	0	Targeted Programs
	Behavioral Change	0	0	0	0	0+0	0	
Engagement	S/holder Consultation	0	1	0	0	0	0	Targeted Advocates
	Stewardship Promotion	0	0	0	0	0+0	0	Targeted Comms
	More than 30 measures		20-29 Measures		11-19 Measures		1-10 Measures	
	High readiness level		Medium level of readiness		Low level of readiness			
RS1: First Selangor Plan; SP: Selangor State Structure Plan; SS: Smart Selangor Action Plan; KS: MPKS Strategic Plan; SA: Shah Alam Low Carbon City Action Plan and Shah Alam SDG Direction Plan; AJ: MPAJ Strategic Plan and MPAJ Risk Management Plan								

7 RECOMMENDATIONS

It is recommended that the climate change policy encompass the following features:

01



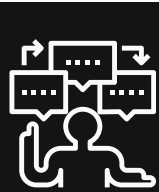
A clear goal focusing on climate change mitigation, adaptation, and disaster risk reduction

02



Implementation of mitigation, adaptation and risk reduction actions based on sectors and transformation drivers

03



Prioritizing transformational drivers at the local authority level (PBT)

04



Identifying swift, equitable, planned, and sector-based transition actions with no adverse effects

05



Prioritizing the development of a disaster risk registry at the local authority level for decision-making

06



Identifying scenario-based impact adaptation actions as the basis for land use planning

07



Enhancing Disaster Risk Reduction (DRR) actions at the local authority level, including the provision of hazard forecasting systems and early warning alerts for the general public