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	Objective 2	Mainstream adaptation into national and subnational development planning, ensuring coherence with the RPJMN 2025–2029, RPJPN 2025–2045, and sectoral strategies, while contributing to the GGA		2
	Objective 3	Operationalise, monitor, and evaluate adaptation actions, based on ENDC Annex 2 and consistent with Presidential Decree 110/2025, MoEF Regulation 12/2024, and the ETF, thereby ensuring accountability and measurable progress		2
<b>2</b>	<b>Priority Sectors and Cross-Sectoral Portfolios</b>			
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<b>3</b>	<b>Measures</b>			
	Measure 1.1	Drought- / heat-tolerant rice and maize varieties (Kementan, 2023, Wihardjaka et al., 2020), AWD irrigation, mulch/soil-moisture management (Rini et al., 2025), climate-smart planting windows	Priority Sector 1	79
	Measure 1.2	Canal/drainage rehab (PUPR, 2024), flood-resilient varieties, smart gate control, raised beds in horticulture	Priority Sector 1	79
	Measure 1.3	Climate-informed IPM; resistant cultivars; biocontrol/biopesticides; pest EWS with BMKG data; Cultivation technology supporting IPM	Priority Sector 1	79
	Measure 1.4	Weather-indexed crop insurance; bundled microcredit for CSA inputs; savings groups; rice farming business protection (AUTP) to protect rice farming businesses that experience crop failure due to floods, drought and pest attacks	Priority Sector 1	79
	Measure 1.5	Conservation agriculture (Widyati et al., 2022); agroforestry; ameliorants; soil testing & advisory	Priority Sector 1	79
	Measure 1.6	Nutrition-sensitive home gardens; diversified crops; agriculture–health linkage via Posyandu, diversified crops	Priority Sector 1	79
	Measure 1.7	Farm windbreaks (Enescu et al., 2025), cyclone-resistant livestock shelters, reinforced post-harvest storage	Priority Sector 1	79
	Measure 1.8	Salt-tolerant rice, freshwater pond buffers, dike/sluice rehab, integrated rice–fish– mangrove systems	Priority Sector 1	79
	Measure 1.9	Hermetic storage; humidity-controlled silos; solar dryers (Lubis et al., 2024; Suryana et al., 2024)control, E1 and E2 did not reached the optimum temperature needed for drying paddy. The average temperature recorded at 3 different areas on surface insulator were 48.793°C (E1; aflatoxin screening; harvest timing advisory	Priority Sector 1	79
	Measure 1.10	Solar-powered pumps, gravity/pressurized piped systems, energy-efficient motors	Priority Sector 1	79
	Measure 1.11	Climate-proofed warehouses; decentralized cold rooms; all-weather feeder roads	Priority Sector 1	79
	Measure 1.12	Heat-safe work protocols; shaded rest areas; hydration & scheduling; mechanization of peak-heat tasks	Priority Sector 1	79
	Measure 2.1	Rehabilitation and climate-proofing of irrigation networks and dams; slope stabilisation; spillway safety retrofits	Priority Sector 2	83
	Measure 2.2	Integrated basin planning and operation rules using hydro-climatic data from BMKG, real-time reservoir management tools	Priority Sector 2	83
	Measure 2.3	Drought management programmes – drought alert system, groundwater automatic water level recorder, gully plug, infiltration well and emergency water trucking for critical villages	Priority Sector 2	83
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	Measure 2.6	Water-supply resilience for islands and coastal cities – desalination pilots, off-grid solar pumps, leak-loss control	Priority Sector 2	83
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Measure 2.11	Development of digital water information systems for real-time monitoring and data sharing	Priority Sector 2	83
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Measure 3.1	Climate-proofing of hydropower plants – integrate BMKG rainfall projections, sediment-management, adaptive reservoir rules	Priority Sector 3	86
Measure 3.2	Protection of coastal and deltaic energy assets – elevation, flood barriers, corrosion-resistant materials	Priority Sector 3	86
Measure 3.3	Grid-resilience strengthening – heat-resistant conductors, storm-hardening of towers, smart-grid fault isolation	Priority Sector 3	86
Measure 3.4	Risk-informed planning & asset management – use climate scenarios in energy-infrastructure appraisals	Priority Sector 3	86
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Measure 3.8	Energy-efficiency retrofits for pumping – variable-speed drives, optimized scheduling	Priority Sector 3	86
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Measure 3.11	Renewable-energy R&D and innovation networks – resilience design, modular PV & storage testing	Priority Sector 3	86
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Measure 4.1	Climate-resilient and Environmentally Sustainable Health Care Facilities	Priority Sector 4	90
Measure 4.2	Establishment of Climate-Health Early Warning System (CHEWS) linking BMKG data with disease surveillance platforms	Priority Sector 4	90
Measure 4.3	Integration of climate-risk screening into health-facility accreditation and investment review processes	Priority Sector 4	90
Measure 4.4	Improvement of vectorcontrol and watersanitation systems – community-based climate/environment action and drainage maintenance	Priority Sector 4	90
Measure 4.5	Digitalization of climate-sensitive disease surveillance (Satu Sehat Platform); mobile apps for case reporting and risk alerts	Priority Sector 4	90
Measure 4.6	Capacity-building for provincial and district health offices on climate-risk assessment and adaptation budgeting	Priority Sector 4	90
Measure 4.7	Integration of public-health modules into community resilience programs (Desa Sehat Tangguh Iklim, Posyandu Hijau, Desa Sehat Iklim) for nutrition and WASH co-benefits	Priority Sector 4	90
Measure 4.8	Mental-health, psychosocial support, and heat-stress preparedness programs for frontline workers and urban communities, Mental Health information system	Priority Sector 4	90
Measure 4.9	Strengthening medicine and vaccine stockpiling and storage resilience through solar refrigeration and temperature monitoring, green procurement, logistic supply chain	Priority Sector 4	90
Measure 4.10	Integration of health-risk alerts into disaster early-warning systems and contingency planning (BNPB, 2018b), contingency plans for health clusters and environmental health emergencies	Priority Sector 4	90
Measure 4.11	Research and development on climate resilient health system	Priority Sector 4	90
Measure 4.12	Emergency-preparedness protocols for compound events (flood + outbreak, extreme temperature + blackout); regular simulation drills	Priority Sector 4	90
Measure 5.1	Forest and peatland restoration through rewetting, revegetation, and community-based fire management	Priority Sector 5	93
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Measure 5.4	Peatland rewetting and livelihood diversification (paludiculture, agroforestry, eco-tourism)	Priority Sector 5	93
Measure 5.5	Fire prevention and early warning through satellite monitoring, community-partnered patrols, and controlled-burning bans, weather modification technology	Priority Sector 5	93
Measure 5.6	Rehabilitation of degraded land in mining and industrial areas with adaptive vegetation and ecological design	Priority Sector 5	93
Measure 5.7	Coral-reef restoration and ecosystem monitoring using artificial reefs and reef nursery techniques	Priority Sector 5	93
Measure 5.8	Sustainable fisheries and aquaculture management integrating climate-risk criteria	Priority Sector 5	93
Measure 5.9	Biodiversity corridor establishment connecting conservation areas (ridge-to-reef ecological networks)	Priority Sector 5	93
Measure 5.10	Strengthening SRN-PPI and environmental monitoring (IKLH/BPLH, ERI) with spatial and socio-ecological indicators	Priority Sector 5	93
Measure 5.11	Ecosystem-based disaster risk reduction (EbA-DRR) integrated in regional spatial planning (RTRW/RDTR) and ecosystem corridor connectivity	Priority Sector 5	93
Measure 5.12	Knowledge management and training for local governments on ecosystem-climate resilience and EbA, vulnerable groups climate campaign	Priority Sector 5	93
Measure 6.1	Climate-smart agriculture + resilient irrigation (AWD, drought-tolerant seeds, embung, MAR), early warning	Cross-Sectoral Porfolio 1	96
Measure 6.2	Flood-resilient agriculture & irrigation (flood-tolerant varieties, drainage rehab)	Cross-Sectoral Porfolio 1	96
Measure 6.3	Integrated pest management & humidity-controlled storage (solar dryers, silos), Integrate One Health adaptation to monitor zoonotic and vector-borne diseases	Cross-Sectoral Porfolio 1	96

Measure 6.4	Windstorm-resilient agriculture & energy (windbreaks, cyclone shelters, grid hardening)	Cross-Sectoral Portfolio 1	96
Measure 6.5	Coastal farming protection (salt-tolerant varieties, tidal gates, mangrove buffers)	Cross-Sectoral Portfolio 1	96
Measure 6.6	Diversified renewables & decentralized systems (hybrid hydro-PV, micro-grids)	Cross-Sectoral Portfolio 1	96
Measure 6.7	Coastal energy-facility protection (seawalls, elevation, relocation)	Cross-Sectoral Portfolio 1	96
Measure 6.8	Energy-demand management and resilient supply chains (DSM, cooling efficiency, safe warehouses)	Cross-Sectoral Portfolio 1	96
Measure 6.9	Humidity-proof infrastructure (sealed switchgear, coatings, ventilation upgrades)	Cross-Sectoral Portfolio 1	96
Measure 6.10	Multi-hazard EWS and resilient economic hub planning (climate-proof markets, relocation)	Cross-Sectoral Portfolio 1	96
Measure 7.1	Forecast-based social protection and climate-triggered cash transfer systems integrated with DTKS	Cross-Sectoral Portfolio 2	100
Measure 7.2	Nutrition-sensitive home gardens and linkage to Posyandu networks (Desa Sehat Tangguh Iklim)	Cross-Sectoral Portfolio 2	100
Measure 7.3	Community-based livelihood diversification (agroforestry, NTFPs, eco-tourism)	Cross-Sectoral Portfolio 2	100
Measure 7.4	Heat-safety protocols, rest shelters and occupational health programs	Cross-Sectoral Portfolio 2	100
Measure 7.5	Weather-indexed micro-insurance bundled with credit and savings groups	Cross-Sectoral Portfolio 2	100
Measure 7.6	Planned and participation based relocation and climate-proof housing (Desa Aman Iklim)	Cross-Sectoral Portfolio 2	100
Measure 7.7	Community-managed rainwater harvesting, Climate-proofing drinkingwater systems via elevated storage and solar pumping, Flood-resilient design of pipelines and infrastructure, Community-based Water Safety Planning integrated with early warning for contamination risks, and micro water systems	Cross-Sectoral Portfolio 2	100
Measure 7.8	Capacity-building and participatory planning through ProKlim and Desa Tangguh Iklim	Cross-Sectoral Portfolio 2	100
Measure 8.1	Ridge-to-reef integrated watershed management (reforestation, terracing, erosion control, sediment traps)	Cross-Sectoral Portfolio 3	104
Measure 8.2	Mangrove rehabilitation and coastal buffer strengthening for shoreline protection and livelihoods	Cross-Sectoral Portfolio 3	104
Measure 8.3	Peatland rewetting, paludiculture, and community fire-management (Desa Peduli Gambut)	Cross-Sectoral Portfolio 3	104
Measure 8.4	Integrated catchment rehabilitation and flow-regulation structures (embung, micro reservoirs)	Cross-Sectoral Portfolio 3	104
Measure 8.5	Ecosystem restoration corridors and slope stabilization in critical uplands	Cross-Sectoral Portfolio 3	104
Measure 8.6	Integrated waste-water, pollutioncontrol systems in priority catchments and estuaries	Cross-Sectoral Portfolio 3	104
Measure 8.7	Establishment of biodiversity corridors and protected-area linkages (ridge-to-reef model)	Cross-Sectoral Portfolio 3	104
Measure 8.8	Hybrid green-grey defenses (mangroves + seawalls) and resilient urban planning	Cross-Sectoral Portfolio 3	104
Measure 8.9	Development of Ecosystem Resilience Index (ERI) and integration into SRN-PPI	Cross-Sectoral Portfolio 3	104