MINISTRY OF NATURAL RESOURCES
AND ENVIRONMENTAL SUSTAINABILITY

NRES STRATEGIC PLAN 2024-2030



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The NRES Strategic Plan 2024–2030 aims to position NRES as a global leader in sustainable natural resources and environmental management to address the pressing global environmental crisis. NRES is committed to implementing five strategic pillars:

1. **Empowering forest and biodiversity management to ensure sustainable natural resources use.**
2. **Strengthening natural resources and disaster risk management to support sustainable economic, social, and environmental development.**
3. **Enhancing land administration, surveying, and mapping services to contribute to sustainable development.**
4. **Promoting environmental protection, climate action, green growth and sustainable lifestyles.**
5. **Strengthening organizational management to deliver high-quality services.**



ENVIRONMENTAL SUSTAINABILITY

	2024-2025	2026-2028	2029-2030
Amendments to the Environmental Quality Act 1974 [Act 127]	100% Gazettement of the Bill (Phase 1)	100% Gazettement of the Bill (Phase 2)	Completed
Strengthening of the Genetically Modified Organism (GMO) Analysis Laboratory of the Department of Biosafety	100% Procurement ofEquipment and Acquisition of Competency Development	100% Operation of the GMO Analysis Laboratory	100% GMO Analysis Laboratory Accredited to MS ISO 17025
Formulation of the National Environmental Quality Monitoring Blueprint	100% Formulation of the Blueprint		
Formulation of the National Clean Air Action Plan	100% Development and Finalization of the Plan		
Reduction of Single-use Plastics in line with the Plastic Sustainability Policy	100% Extension and Uniformity of Strategies Across States	100% Zero Single-Use Plastic Bags	100% Phase-out and Phase-down of Single-Use Plastics
Increase Recycling Rate of Schedule Waste compared to 2020	35%	38%	50%
Development of Scheduled Waste Facilities by Region	2 Engagement Sessions	3 Engagement Sessions	5 Facilities
Advocacy for Environmental Sustainability *(value of funds generated from corporate companies)*	RM20 million	RM30 million	RM40 million
Development of a Roadmap and Action Plan to Achieve National Greenhouse Gas (GHG) Emission Reduction Targets under the Paris Agreement *(% completion)*	100%		Reduction of 45% in GHG Intensity Emissions by 2030 compared to 2005
Development of the Long-Term Low Emissions Development Strategy (LT-LEDS) *(% completion)*	100%		Achievement of net-zero GHG emissions by 2050
National Policy on Climate Change 2.0 *(% completion)*	100%		
Carbon Market Policy *(% completion)*		100%	
Climate Change Bill (RUUPIN) *(% completion)*		100%	
National Adaptation Plan (MyNAP) *(% completion)*	50%	100%	
Establishment of Low Carbon Cities 2030 (LCC2030) *(number of low carbon zones)*	100	160	200
Green Investment *(value of generated investments)*	RM75 billion	RM90 billion	RM100 billion
Green Jobs *(number of job creation)*	180,000	192,000	200,000
MyHIJAU Mark Products and Services *(number of registrations)*	25,000	40,000	50,000
Development of Forest Carbon Offset (FCO) Protocol	Development of Methodology		Operation of FCO
Generation of Financial Resources Through Forest Conservation Certificate (FCC)	Operation of FCC		Generation of Financial Resources from FCC

MINERAL AND GEOSCIENCE

	2024-2025	2026-2028	2029-2030
Amendment of the Mineral Development Act 1994	50%	100%	
National Mineral Policy 3	Development of NMP 3 & Action Plan		
Mapping of National Mineral Resources	Exploration (5 Projects)	Mapping 160km²	Mapping 160km²
Establishment of the National Mineral Industry Development Board (LPMM) *(% completion)*	50%	100%	
Mining and Quarrying Industry Rating via SDI Method *(% of mines and quarries achieving 3 stars or above)*	30%	50%	70%
Development of National Geoscience Policy	2 Engagements	Completed	Policy Implementation
Recognition of UNESCO Global Geopark (UGGp)	1 UGGp	1 UGGp	1 UGGp
Establishment of the National Center for Geological Disaster (PBGN)	Cabinet Approval & Operation		

LAND, SURVEY AND GEOSPATIAL

	2024-2025	2026-2028	2029-2030
Amendment of the National Land Code [Act 828]	Approval of MTN	Amendment of NLC	
Amendment of the Small Estates (Distribution) Act 1955 [Act 98]	Enforcement of Act A1643	Review of Act 98	Amendment of Act 98
Drafting of the Survey and Mapping Bill	Preliminary Study	Consultation and Drafting of Bill	Approval of Act
Increase in Federal Revenue by 5% Annually	5%	5%	5%
Development of the National Geospatial Policy	Consultation and Drafting of Policy	Implementation of National Geospatial Policy	
Drafting of the Underground Utility Bill	Preliminary Study	Consultation and Drafting of Bill	Approval of Act
New Direction of Federal Land Management Policy 2021-2030	Implementation of e-Bidding	Review	Impact Study
Expansion of the e-Tanah System	6 States	3 States	Completed
Integration of eKadaster and e-Tanah System	2 JUPEM State Offices	3 JUPEM State Offices	3 JUPEM State Offices
Interstate Land Boundary Agreements *(number of agreements)*			5 Agreements
International Land Boundary Agreements *(number of MoUs)*			4 MoUs

FORESTRY AND BIODIVERSITY

	2024-2025	2026-2028	2029-2030
National Policy on Biological Diversity (DKBK) 2022-2030	Development of Monitoring System	Submission of 7NR to CBD	Implementation of the DKBK achievement study
Ecological Fiscal Transfer for Biodiversity Conservation (EFT)	Study on the Improvement of EFT Guidelines	Implementation of Improvements to EFT Guidelines	Impact Study
Assistance for Property and Crop Damages Due to Wildlife Conflict (BKHT)	Development and Implementation of SOP	Continuous Improvement of SOP	Impact Study
Percentage of Terrestrial and Freshwater Protected Areas	15%	17%	20%
Recognition of Biodiversity Global Importance Areas	2 Nomination Documents		Recognition of 2 Sites
Documentation of Traditional Knowledge of Local Community *(number of documents)*	4 Documents	6 Documents	8 Documents
Malaysia Biodiversity Centre (MBC)	Funding program and preliminary phase of development		Final phase of development
Annual Allowable Cut (AAC) for 13th Malaysia Plan	Endorsement of AAC by National Land Council (MTN)		Compliance with AAC
Forest Resources Assessment (FRA)	Publication of FRA 2025	Preparation of Draft for FRA 2030	Publication of FRA 2030
Appointment of Community Rangers under the Biodiversity Protection and Patrolling Programme *(Number of Community Rangers)*	1,700	2,000	3,200

NRES

CORPORATE INFORMATION

NRES VISION

Towards sustainable management of natural resources and the environment in addressing planetary crises



NRES MISSION

1 Preserve and conserve forest areas, biodiversity, and geological heritage while managing mineral resources optimally, sustainably, and responsibly.



2 Protect and manage the environment, drive climate action, and catalyze green growth.



3 Strengthen land administration and management while expanding spatial information networks.



NRES OBJECTIVES

1



Strengthen sustainable forest management practices and enhance biodiversity conservation

2



Improve air and river water quality, scheduled waste recycling rates, plastic circular economy practices, and green lifestyle advocacy

3



Reduce greenhouse gas (GHG) emission intensity and enhance climate resilience

4



Develop the national mineral industry and reduce geological disaster risk

5



Enhance the efficiency of federal land management and geospatial data sharing



5 PILLAR OF NRES

BIODIVERSITY AND FORESTRY MANAGEMENT

- Save the Malayan Tiger Campaign
- National Conservation Trust Fund for Natural Resources (NCTF)
- Man and the Biosphere Program (MAB)
- Malaysian Forest Data
- MyABS-Access and Benefit-sharing
- MyBIS-Malaysia Biodiversity Information System

MINERALS AND GEOSCIENCE

- Malaysia Geospatial Mineral and Geoscience Information System
- Geological Mapping & Geological Heritage
- Commercialization of R&D Mineral Products
- Groundwater
- Geological Disaster
- Mineral Resource
- Mines and Quarries
- eBMGPermit

LAND, SURVEY AND GEOSPATIAL

- National Land Council
- National Geospatial Centre (PGN)
- Global Surveyors' Day (GSD)
- National Land Day
- National Geospatial Information Symposium (NGIS)
- e-Tanah System

CLIMATE CHANGE

- MyHijau Program
- Low Carbon City Initiative

ENVIRONMENTAL MANAGEMENT

- National Environment Day
- Let's Manage E-Waste
- Preventing Peatland Fires
- Environment Friends (RAS)
- Avoid Single Use Plastic

DEPARTMENTS / AGENCIES UNDER NRES

JABATAN ALAM SEKITAR MALAYSIA · JABATAN PERHUTANAN · PERHILITAN · JMG · JUPEM · JKPTG · BIOKESELAMATAN · INSTITUT PENYELIDIKAN PERHUTANAN MALAYSIA FRIM · INSTUN · MALAYSIA FOREST FUND · LEMBAGA JURUUKUR TANAH MALAYSIA · JABATAN MINERAL DAN GEOSAINS MALAYSIA · BOG Lembaga Ahli Geologi Malaysia · LEMBAGA (PENYELIDIKAN & KEMAJUAN) PERUSAHAAN TIMAH · SULTAN MIZAN ANTARCTIC RESEARCH FOUNDATION · MET Malaysia · MGTC · YAYASAN HIJAU MALAYSIA