

	2024-2025	2026-2028	2029-2030
Pindaan Akta Kualiti Alam Sekeliling 1974 [Akta 127]	100% Pewartaan RUU Fasa 1	100% Pewartaan RUU Fasa 2	Selesai
Pemantapan Makmal Analisis Genetically Modified Organism (GMO) Jabatan Biokeselamatan	100% Perolehan peralatan & pembangunan kompetensi	100% Pengoperasian Makmal GMO	100% Makmal Analisis GMO diakreditasi MS ISO 17025
Pembentukan Blueprint Pengawasan Kualiti Alam Sekitar Kebangsaan	100% Pembentukan Blueprint		
Pelan Tindakan Udara Bersih Kebangsaan	100% Pembangunan dan Pemuktamadan Pelan		
Pengurangan Plastik Sekali Guna Selaras dengan Dasar Pelestarian Plastik	100% Perluasan & Penyeragaman Strategi di Negeri-negeri	100% Sifar Penggunaan Beg Plastik Sekali Guna	100% Phase-out dan Phase-down Plastik Sekali Guna
Kadar Kitar Semula Buangan Terjadual (% kitar semula berbanding kadar 2020)	35%	38%	50%
Pembangunan Fasiliti Kemudahan Buangan Terjadual Mengikut Wilayah	2 Sesi Libat Urus	3 Sesi Libat Urus	5 Fasiliti
Advokasi Kelestarian Alam (nilai dana dijana daripada syarikat korporat)	RM20juta	RM30juta	RM40juta
Pembangunan Pelan Hala Tuju dan Tindakan bagi Mencapai Sasaran Pengurangan Pelepasan Gas Rumah Kaca (GHG) Negara di bawah Perjanjian Paris (% Penyelesaian)	100%		Pengurangan 45% Pelepasan Intensiti GHG pada Tahun 2030 Berbanding Tahun 2005
Pembangunan Strategi Jangka Masa Panjang Pembangunan Rendah Karbon Negara (Long Term Low Emissions Development Strategy-LT-LEDS) (% Penyelesaian)	100%		Pencapaian GHG Sifar Bersih pada Tahun 2050
Dasar Perubahan Iklim Negara (DPIN) 2.0 (% Penyelesaian)	100%		
Dasar Pasaran Karbon (% Penyelesaian)	100%		
Rang Undang-Undang Perubahan Iklim Negara (RUUPIN) (% Penyelesaian)	100%		
Pelan Adaptasi Kebangsaan (MyNAP) (% Penyelesaian)	50%	100%	
Low Carbon Cities 2030 Challenge (LCC2030C) (bilangan zon rendah karbon)	100	160	200
Pelaburan Hijau (nilai penajaan pelaburan)	RM75billion	RM90billion	RM100billion
Pekerjaan Hijau (bilangan peluang pekerjaan)	180,000	192,000	200,000
Produk dan Servis MyHIJAU Mark (bilangan pendaftaran)	25,000	40,000	50,000
Pindaan Akta Pembangunan Mineral 1994	50%	100%	
Pembangunan Dasar Mineral Negara 3	Pembangunan DMN 3 & Pelan Tindakan		
Pemetaan Sumber Mineral Negara	Eksplorasi (5 Projek)	Eksplorasi (2 Projek)	Pemetaan 350km²
Penubuhan Lembaga Pembangunan Industri Mineral Negara (LPMM) (% penyelesaian)	50%	100%	
Penarafan Industri Perlombongan & Pengkuarian Menggunakan Kaedah SDI (% lombong & kuari mencapai 3 bintang ke atas)	30%	50%	70%
Pembangunan Dasar Geosains Baharu	2 Libat Urus	Selesai	Pelaksanaan Dasar
Pengiktirafan UNESCO Global Geopark (UGGp)	1 UGGp	1 UGGp	1 UGGp
Penubuhan Pusat Bencana Geologi Negara (PBGN)	Pembentukan MJM & Pengoperasian		



KEMENTERIAN SUMBER ASLI DAN KELESTARIAN ALAM

PELAN STRATEGIK NRES 2024-2030



YB TUAN SYED IBRAHIM BIN SYED NOH
Timbalan Menteri Sumber Asli dan Kelestarian Alam



YB DATO' SRI ARTHUR JOSEPH KURUP
Menteri Sumber Asli dan Kelestarian Alam



DATUK WIRA ANIS RIZANA BINTI MOHD ZAINUDDIN @ MOHD ZAINUDDIN
Ketua Setiausaha Kementerian Sumber Asli dan Kelestarian Alam

“Pelan Strategik NRES 2024 – 2030 dihasilkan secara kolektif dan bersepadu ke arah mencapai visi NRES iaitu sebagai peneraju pengurusan sumber asli dan alam sekitar yang lestari dalam menangani krisis planet. Sepanjang tempoh ini, NRES memberikan keutamaan dalam pelaksanaan 5 teras strategik iaitu:

- Memperkasa pengurusan hutan dan biodiversiti ke arah kelestarian sumber asli;**
- Memperkasa pengurusan sumber asli dan pengurusan risiko bencana ke arah pembangunan ekonomi, sosial dan alam sekitar yang mampan;**
- Memperkukuh pentadbiran tanah serta perkhidmatan ukur dan pemetaan ke arah pembangunan mampan;**
- Memperkasa pemeliharaan persekitaran, tindakan iklim serta pertumbuhan dan gaya hidup hijau ke arah kelestarian alam; dan**
- Memantapkan pengurusan organisasi bagi menjamin penyampaian perkhidmatan yang berkualiti.”**



NRES

	2024-2025	2026-2028	2029-2030
Pindaan Kanun Tanah Negara [Akta 828]	Kelulusan MTN	Pindaan KTN	
Pindaan Akta Harta Pusaka Kecil 1955 [Akta 98]	Penguatkuasaan Akta A1643	Kajian Semula Akta 98	Pindaan Akta 98
Penggubalan RUU Ukur dan Pemetaan	Kajian Awal	Konsultasi & Penggubalan RUU	Kelulusan Akta
Peningkatan Kutipan Hasil Persekutuan 5% Setahun	5%	5%	5%
Pembangunan Dasar Geospacial Negara	Konsultasi & Penggubalan Dasar	Dasar Geospacial Negara Dilaksanakan	
Penggubalan RUU Utiliti Bawah Tanah	Kajian Awal	Konsultasi & Penggubalan RUU	Kelulusan Akta
Hala Tuju Baharu Pengurusan Tanah Persekutuan 2021-2030	Pelaksanaan e-Bidding	Semakan Semula	Kajian Impak
Peluasan Sistem e-Tanah	6 negeri	3 negeri	Selesai
Sistem eKadaster dan e-Tanah (IKATAN) (bilangan pengintertasan selesai)	2 JUPEM Negeri	3 JUPEM Negeri	3 JUPEM Negeri
Perjanjian Sempadan Darat Antara Negeri (bilangan perjanjian)			5 Perjanjian
MoU Persempadanan Darat Antarabangsa			4 MoU
Dasar Kepelbagaian Biodiversiti Kebangsaan (DKBK) 2022-2030	Pembangunan Sistem Pemantauan	7NR Dikemukakan Kepada CBD	Pelaksanaan Kajian Pencapaian DKBK
Ecological Fiscal Transfer for Biodiversity Conservation (EFT)	Kajian Penambahbaikan Garis Panduan EFT	Pelaksanaan Penambahbaikan Garis Panduan EFT	Kajian Impak EFT
Bantuan Kerugian Harta Benda dan Tanaman Akibat Serangan Hidupan Liar (BKHT)	Pembangunan dan Pelaksanaan SOP BKHT	Penambahbaikan SOP BKHT	Kajian Impak pelaksanaan BKHT
Peratus Kawasan Perlindungan Daratan dan Air Daratan	15%	17%	20%
Pengiktirafan Kawasan Biodiversiti Berkepentingan Antarabangsa	2 Dokumen Pencalonan		Pengiktirafan 2 tapak
Pendokumentasian Pengetahuan Tradisi Komuniti Tempatan (bilangan dokumen)	4 Dokumen	6 Dokumen	8 Dokumen
Malaysia Biodiversity Centre (MBC)	Program pendanaan dan kerja awalan premis MBC		Pembinaan Bangunan MBC
Catuan Tebangan Tahunan (CTT) RMKe-13	Penetapan CTT oleh MTN		Pematuhan CTT
Laporan Forest Resources Assessments (FRA)	Penerbitan FRA 2025	Penyediaan Draf FRA 2030	Penerbitan FRA 2030
Pembangunan Protokol Forest Carbon Offset (FCO)	Pembangunan Metodologi		Pengoperasian FCO
Penjanaan Sumber Kewangan Melalui Forest Conservation Certificate (FCC)	Pengoperasian FCC		Penjanaan Sumber Kewangan FCC
Pelantikan Renjer di bawah Program Rondaan dan Perlindungan Biodiversiti (Bilangan Renjer Komuniti)	1,700	2,000	3,200

	2024-2025	2026-2028	2029-2030
Amendment 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 of Equipment 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)	RM20million	RM30million	RM40million
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)	RM75billion	RM90billion	RM100billion
Green Jobs (number of job creation)	180,000	192,000	200,000
MyHIAU Mark Products and Services (number of registrations)	25,000	40,000	50,000
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)	Exploration (2 Projects)	Mapping 350km²
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		

MINISTRY OF NATURAL RESOURCES AND ENVIRONMENTAL SUSTAINABILITY

NRES STRATEGIC PLAN 2024-2030

YB TUAN SYED IBRAHIM BIN SYED NOH
Deputy Minister of Natural Resources and Environmental Sustainability

YB DATO' SRI ARTHUR JOSEPH KURUP
Minister of Natural Resources and Environmental Sustainability

DATUK WIRA ANIS RIZANA BINTI MOHD ZAINUDDIN @ MOHD ZAINUDDIN
Secretary-General, Ministry of Natural Resources and Environmental Sustainability

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.

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	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 states	3 JUPEM states	3 JUPEM states
Interstate Land Boundary Agreements (number of agreements)			5 Agreements
International Land Boundary Agreements (number of MoUs)			4 MoUs
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 Communities (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
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
Appointment of Community Rangers under the Biodiversity Protection and Patrolling Programme (Number of Community Rangers)	1,700	2,000	3,200

LANDS, SURVEY AND GEOSPATIAL

FORESTRY AND BIODIVERSITY

NRES