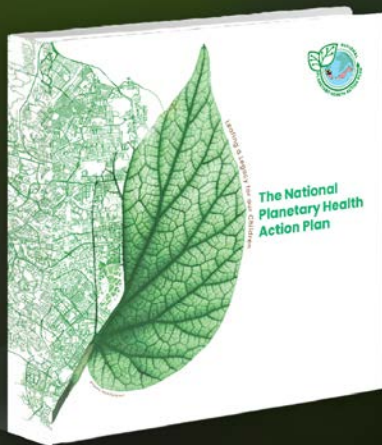


What is Planetary Health?

Planetary Health is an interdisciplinary field that explores the interconnection between human wellbeing and the Earth's natural systems, recognising how environmental changes profoundly affect human health.



PAGE 1



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Did you know?



Between 1956 and 2023, disasters cost Malaysia an estimated **RM5.8 billion**; nearly **one-fifth in the last 3 years**¹.



7 of 9 planetary boundaries breached globally; **Malaysia has exceeded 6 of 7 ecological thresholds**².



From 1996 to 2019, **Malaysia has an average loss of RM64.2 billion** per year due to environment-related causes. This equals to about **7% GDP loss**¹.



The National Planetary Health Action Plan (NPHAP)



Malaysia's blueprint, **realigning development with ecological balance** and **human wellbeing**.



Mandated by National Science Council in 2022 for **holistic, STIE-driven sustainability policies**.



A priority for the people's wellbeing and environmental sustainability in the **13th Malaysia Plan**.



ASEAN's first and among the world's most comprehensive planetary health strategies, with **53 strategies** and **222 action plans**.



The First Nation to Develop a NPHAP

On 7 October 2025, the Planetary Health Alliance in Rotterdam, the Netherlands, recognised Malaysia as the first nation to develop a national-level Planetary Health Action Plan, demonstrating leadership in protecting people and the planet.



¹ Source: Institute for Global Strategy and Competitiveness (IGSC), Sunway University, 2024

² Source: Stockholm Resilience Centre, Stockholm University, 2025



6 Key Result Areas (KRAs)

The NPAP identifies six mission-critical areas where systemic change is most urgent and impactful.



Governance

Reform institutions to coordinate, enforce, and deliver planetary health outcomes nationwide.



Sustainable Food

Transforming agriculture and food systems to enhance nutrition, equity and regenerative practices.



Energy Transition

Accelerating just a shift away from fossil fuels, catalysing clean energy systems and green jobs.



Environment & Health

Integrate ecosystem protection with preventive health, pollution control, and climate resilience.



Research & Education

Embed planetary health in education and strengthen Malaysia's innovation capacity.



Values, Cultural Shift of Society, Behavioural Change and Communication

Foster stewardship, public participation and behaviour change for sustainability.

Each KRA is underpinned by systemic shifts, sound strategies and measurable action plans, with lead agencies, implementation partners and indicators for tracking progress.

5 Systemic Shifts



Strengthening governance and management of the nation's natural *Khazanah*.



Nurturing people to lead a healthy, prosperous, and values-driven nation.



Advancing **planet-friendly** businesses.



Driving **effective communication, behavioural change,** and **values mindsets.**



Mobilising **sustainable financing** and **resources.**

supported by
3 core implementation mechanisms



Transformation Sustainability Leadership Module



Impact Tracking Framework



National Environmental Genomic Database Framework

These are key to strong leadership, shifting mindsets and equipping Malaysia with the people, tools, and systems needed to be future-ready for emerging environmental and health risks.

* What We Should Do Now?

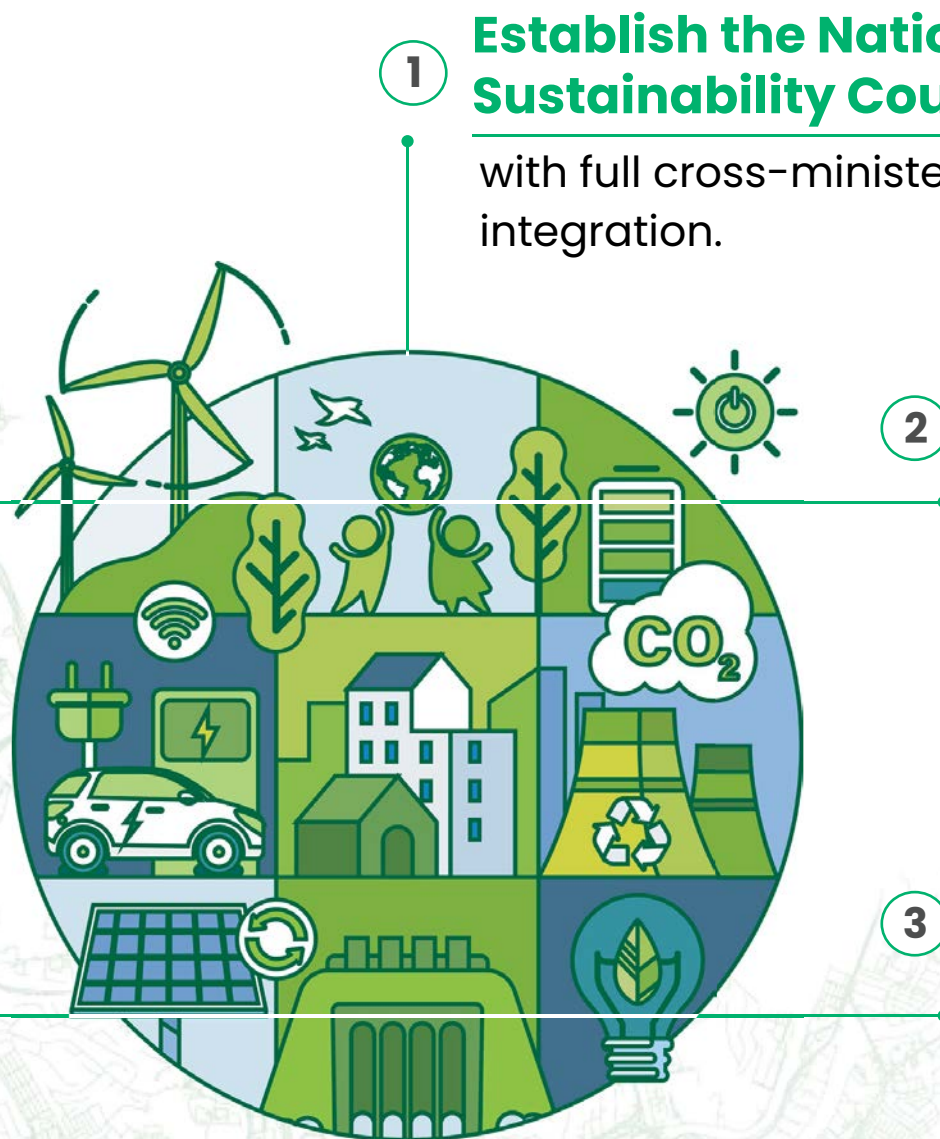
> Institutional Priorities

Launch ongoing communication, education, public awareness and action (CEPAA) campaigns

to promote values-driven public behaviour change.

Integrate planetary health

into education and national service training



1 Establish the National Sustainability Council

with full cross-ministerial integration.

2 Activate cross-sector teams

for each KRA, co-led by ministries and stakeholders.

3 Pilot ROV-based tools across sectors

to monitor progress and accountability.

> Societal Commitments

Every Malaysian has a role in building a planetary health future.



Policymakers:

Integrate planetary health into all mandates and national priorities.



Business leaders:

Align operations with long-term social and environmental value.



Educators & researchers:

Equip future generations with knowledge to lead sustainably.



Civil society:

Advocate, innovate, and hold institutions accountable.



Communities:

Steward local environments through cultural and spiritual values



Youth:

Inspire action, challenge limits, and shape future leadership.