

International Symposium **OF THE CATEGORY 2 INSTITUTES AND CENTRES** **UNDER THE AUSPICES OF UNESCO IN THE FIELD** **OF NATURAL SCIENCES**

15 - 17 MAY 2024
KUALA LUMPUR, MALAYSIA

C2C Session 4:
Addressing the Planetary Crises:
Climate change and biodiversity



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CLIMATE CHANGE: M'SIA STEADFAST IN STANCE FOR DEVELOPED COUNTRIES TO FULFILL COMMITMENT – PM ANWAR

October 31, 2023 | News



The Malaysian Reserve

Thursday, May 16th, 2024

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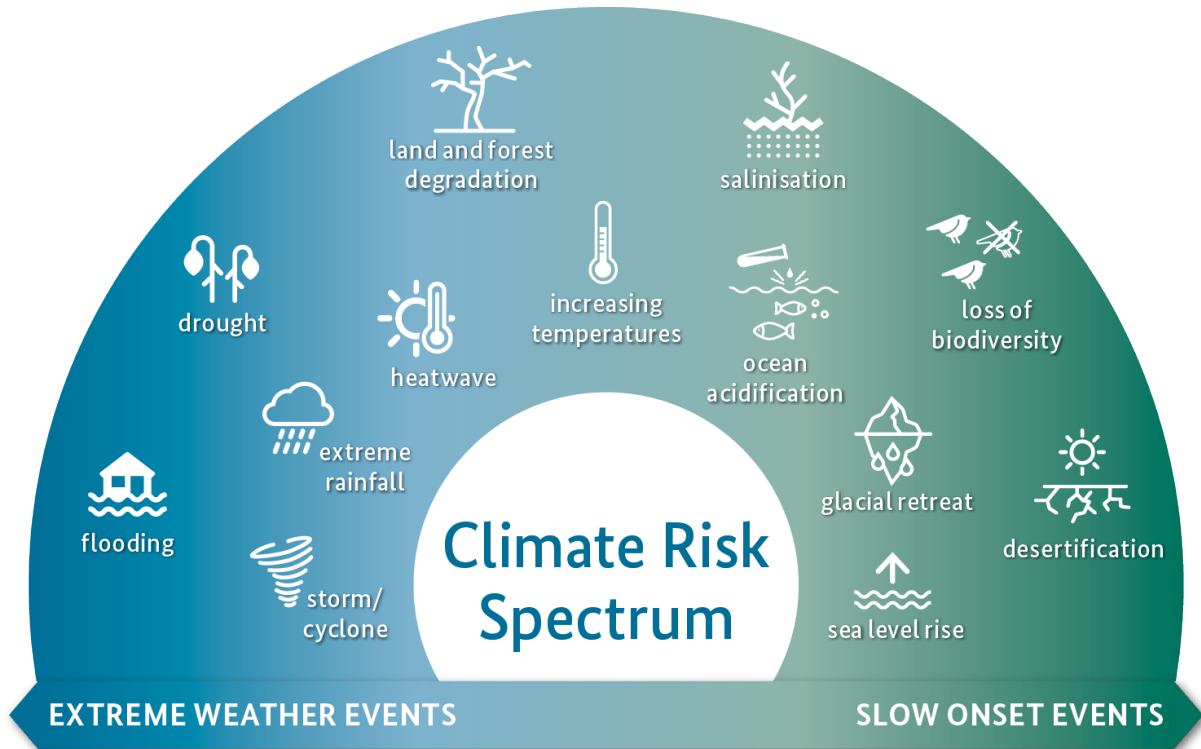


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Budget 2024: More practical efforts towards conserving biodiversity, mitigating climate change



National Climate Change Action Council Meeting (MTPIN)



© GIZ / Global Programme on Risk Assessment and Management for Adaptation to Climate Change (Loss and Damage)

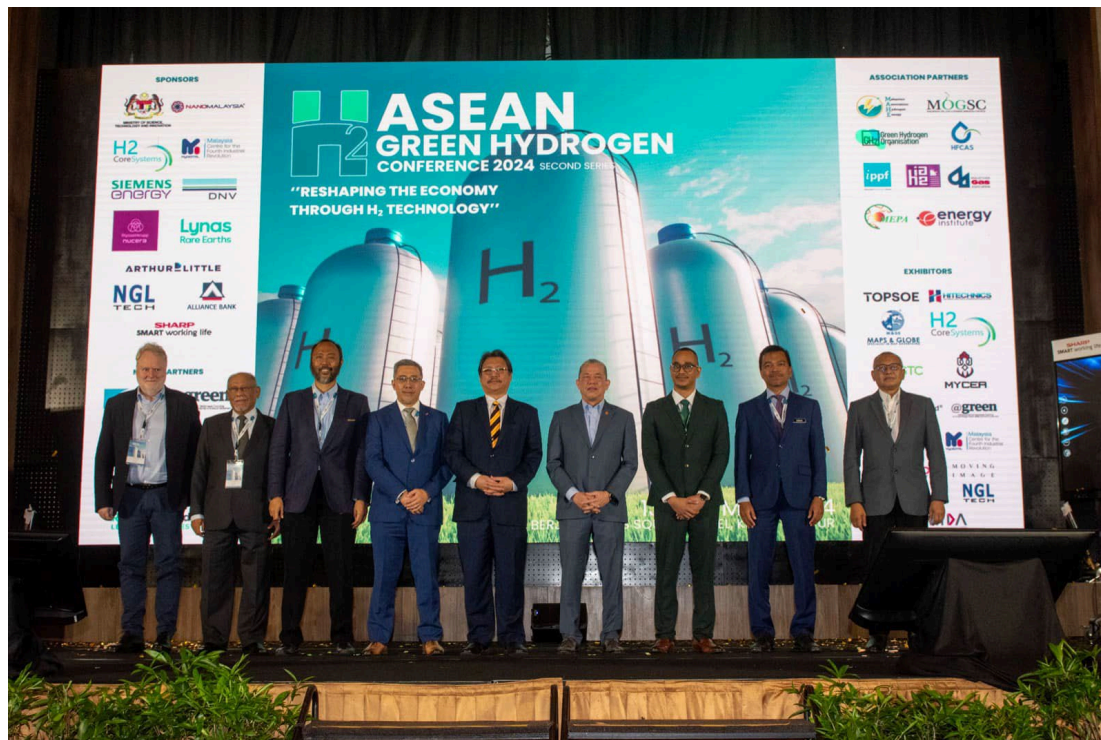
- National Climate Change Action Council Meeting (MTPIN) for 2023 as a platform for discussion between the Federal Government and the respective state governments to set policies, roadmaps and other matters related to climate change
- PM proposed policy setting for the implementation of the national carbon market mechanism, adding that the Ministry of Natural Resources and Environment Sustainability (NRES) would ensure that the mechanism met the principles under the United Nations Framework Convention on Climate Change (UNFCCC) besides taking into account the interests of state governments.

BUDGET 2024 : NRECC Biodiversity Sukuk



- Prime Minister and Finance Minister Datuk Seri Anwar Ibrahim on Oct 13, has allocated a total of RM7.1 billion to the Ministry of Natural Resources and Environment Sustainability (NRES), an increase from RM6.5 billion in 2023.
- The budget also includes numerous measures supporting the nation's Environmental, Social and Governance (ESG) agenda such as RM2 billion for the National Energy Transition Roadmap (NETR) and the issuance of an RM1 billion biodiversity Sukuk facility to replant degraded forests and generate carbon credits.

MINISTRY OF ENERGY TRANSITION AND WATER TRANSFORMATION (PETRA)'s COMMITMENT



Water, essential for life, poses global challenges. PETRA's Water Sector Transformation 2040 initiative aims to revolutionize water resource management, ensuring sustainable access amidst climate variability. With innovative concepts and a national water grid, we pave the way towards a water-secure future.

PETRA committed to extend to achieving net-zero emissions by 2050. Through increased renewable energy targets, expanded clean energy options, and regional cooperation, we propel Malaysia towards a sustainable future.

National Adaptation Plan (NAP)



Malaysia is currently formulating its own National Adaptation Plan (NAP). The NAP serves as a strategic and coordinated framework to assess, plan for, and integrate climate change adaptation measures into the country's policies, programs, and activities.

It focuses on five priority areas: **public health, agriculture and food security, forestry and biodiversity, water resources and security, and infrastructure and cities.**

The NAP aims to address the growing impacts of climate change and enhance Malaysia's resilience to climate-related challenges. Additionally, the government is finalizing other crucial documents related to climate change mitigation, including the **Long-Term Low Emissions Development Strategy (LT-LEDS)** and the **Nationally Determined Contribution (NDC)** Roadmap and Action Plan under the Paris Agreement

Priority Areas

- 1. Scientific Research and innovation*
- 2. Water education in the Fourth Industrial Revolution including Sustainability*
- 3. Bridging the data-knowledge gap*
- 4. Integrated water management under conditions of global change*
- 5. Water governance based on science for mitigation, adaptation, and resilience*

SUSTAINABLE DEVELOPMENT GOALS (SDG)



KEMENTERIAN PERALIHAN TENAGA
DAN TRANSFORMASI AIR



KEMENTERIAN SUMBER ASLI,
ALAM SEKITAR DAN
PERUBAHAN IKLIM



MINISTRY OF HIGHER EDUCATION



MINISTRY OF EDUCATION

The concept of Planetary Health is being actively integrated into Malaysia's national policies and plans, particularly through the efforts of the Ministry of Natural Resources and Environment Sustainability (NRES). The ministry is involved in initiatives that address ecosystem health, biodiversity, and climate change to promote sustainable development.

The National Planetary Health Action Plan (NPHAP) was developed to address ecosystem, biodiversity health, and climate change for sustainable development¹. This initiative is driven by the Science, Technology, and Innovation Ecosystem (STIE)

PETRA, on the other hand, is dedicated to energy transition and water transformation policies, aiming for a 70% target in renewable energy installed capacity by 2050². They are actively involved in initiatives like the National Energy Transition Roadmap and have recently participated in the ASEAN Green Hydrogen Conference 2024 in Kuala Lumpur

6 CLEAN WATER
AND SANITATION

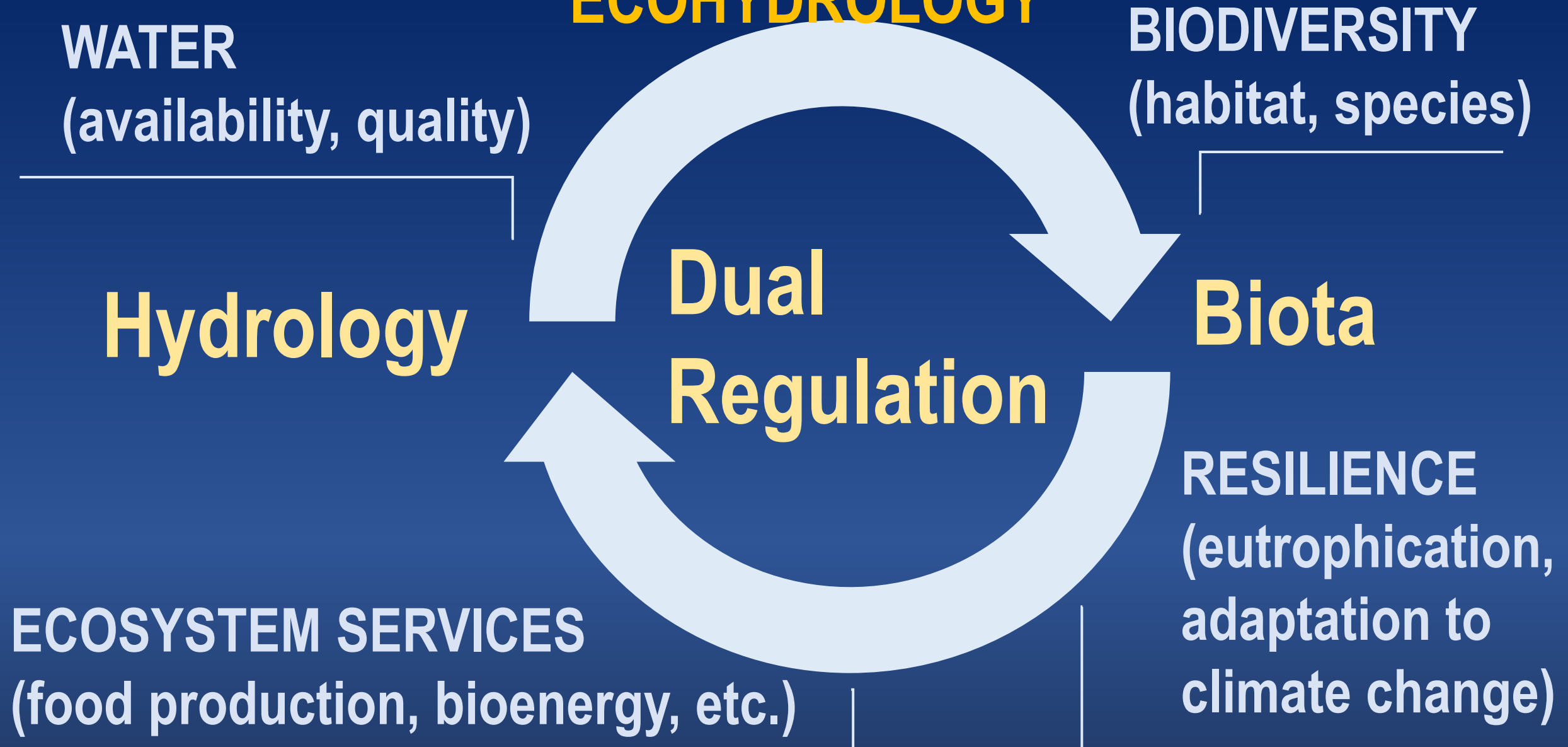


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PARTNERSHIPS
FOR THE GOALS



CLIMATE CHANGE AND BIODIVERSITY SOLUTION: ECOHYDROLOGY



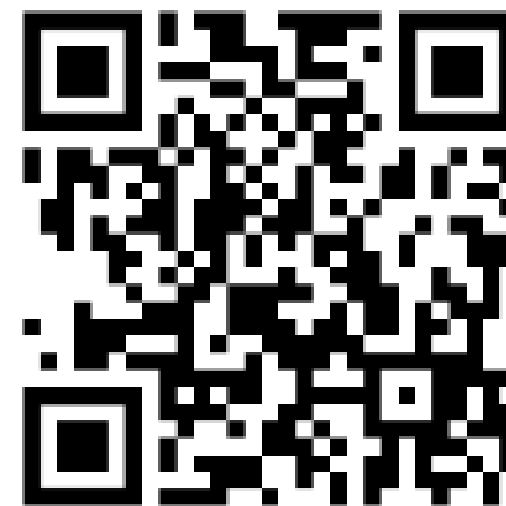
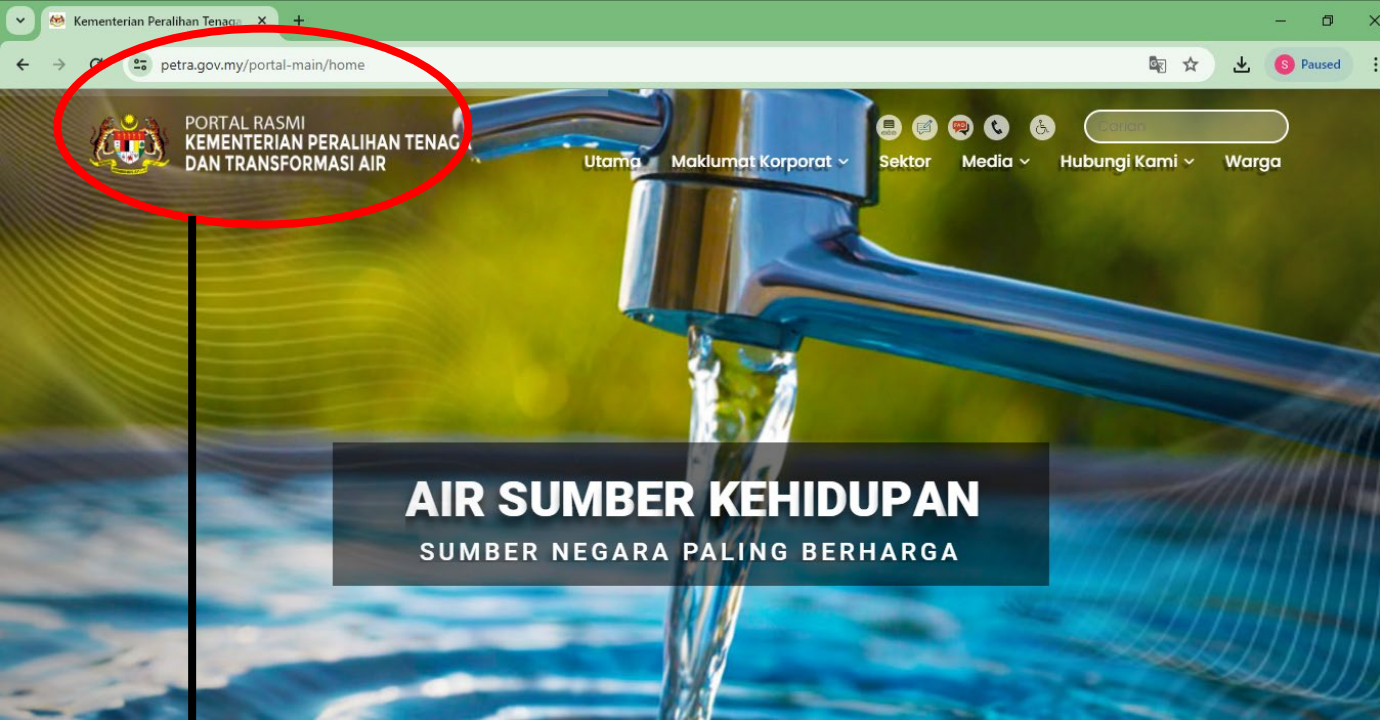
Partnerships with Category 2 Centres under the auspices of UNESCO



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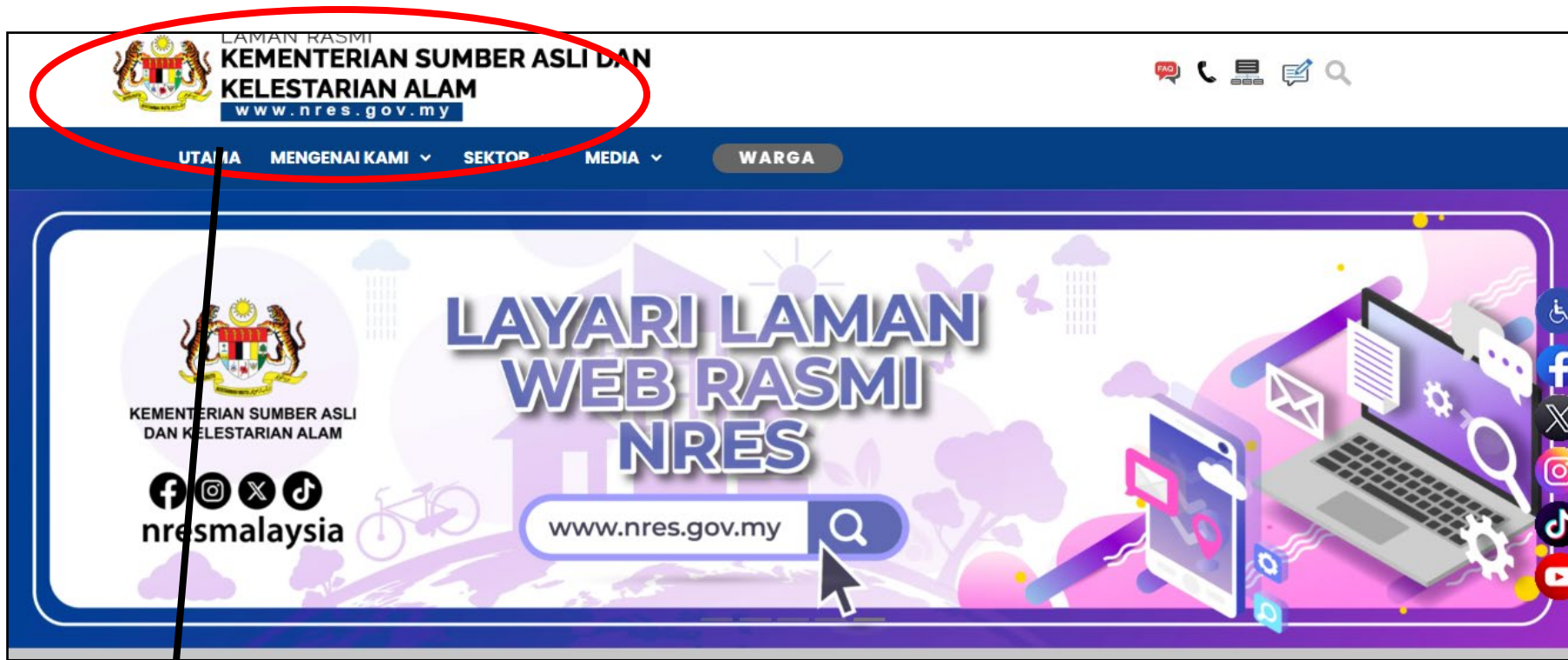


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FOR THE GOALS



We believe in Partnership!

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Thank you