



Theme, Vision and Target

GROUP 1

Water Resources



THEME

Sustainable Water Resources

VISION 2040

- 1. Ensure sustainable and integrated water resource management.**
- 2. Enhance local participation in the stewardship of water resources.**
- 3. Securing water resources through stakeholders' participation.**
- 4. Strengthen protection and connectivity of water catchment and ecosystem.**

TARGET/ KPI 2025

- 1. All States identify, classify and gazette all water catchment areas by 2025.**
- 2. Gazette all river reserves above water intake points.**
- 3. Inclusive and participatory involving all stakeholders.**
- 4. Improve water efficiency by developing water management tools in all water river basins, e.g. NAWABS, PRABN, IRBM,**
- 5. Increase water resource storage uptake.**
- 6. Alternative/Diversify water resources.**



GROUP 2: Water Supply and Sewerage Services



THEME

1. Sustainable water supply and wastewater services for all

VISION 2040

- 1. Holistic and sustainable water and wastewater management**
- 2. Water and wastewater as valuable commodity for wealth creation**

TARGET/ KPI 2025

- 1. 100% treated water supply in urban and 90% in rural areas**
- 2. 90% sewerage connectivity in urban and 80% proper sanitation in rural areas**
- 3. 25% NRW**
- 4. 1 Ministry to manage all water matters**
- 5. 5% of treated effluent from wastewater treatment plant to be recycled**

GROUP: 3

Water for Agriculture

| THEME | 1. Sustainable Water For Food Security |
|-----------------------------|---|
| VISION 2040 | <ol style="list-style-type: none">1. Adequate and continuous water resources for agriculture2. Clean and safe water resources for agriculture3. Recycle and treat wastewater from agriculture4. Policy for agriculture wastage disposal5. Water quality management in agriculture industry based on Agriculture 4.06. Alternative water resource for agriculture eg; groundwater,gw dam7. Policy and law for agriculture development8. Tingkatkan efficiency pengairan |
| TARGET/ KPI 2025 | <ol style="list-style-type: none">1. Sistem Penuaian Air Hujan (SPAH) sistem dalam pertanian komersial disyaratkan dalam kelulusan.2. Pegurangan air terawat dalam pertanian komersial eg; groundwater, ORS,kolam takungan banjir, lombong terbiar dll.3. Enforcement berterusan/berkala4. Relook at design |



GROUP: 4

Water Quality



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|------------------|---|
| THEME | <p>1. Water, the Precious Commodity for Livelihood</p> <ul style="list-style-type: none"> Water – as strategic national asset for economic development & quality of life Water – security , sustainability and ecosystem |
| VISION 2040 | <ol style="list-style-type: none"> Putting Malaysia as a tropical Asian frontier in Integrated Water Resources Management (Achieve integrated water resource management – water sharing, water grid) Achieve an inclusive and sustainable provisions of safe and affordable water supply (for all stakeholders/sectors) and sanitation systems Recognise water as valuable commodity for wealth creation Encourage recycle water - optimise waste water reuse and recover Ensure clean water |
| TARGET/ KPI 2025 | <ol style="list-style-type: none"> Reduce National NRW to 25% 100% (to be justified by SPAN) -access to affordable, clean and safe water <ul style="list-style-type: none"> 98% rural area coverage ?? Urban / sub urban area coverage 80% access to safe <u>sanitation system</u> 50% of clean rivers and water bodies (control pollution at source and non-point source) <u>Encourage public participation and awareness</u> <u>Data sharing</u> |



Achieve integrated water resource management – water sharing, water grid (transboundry)

Mechanism :

- i) Majlis Air Negara-empower&strengthen**
- ii) Majlis Air Negeri**
- iii) Strengthening & empower the state water management and regulatory body/agency**
- iv) RUU Sumber Air – implementation of RUU Sumber Air**
- v)**





GROUP: 5 WATER AS AN ASSET



THEME

1. Water As An Asset

VISION 2040

- 1. Achieve a common vision that water is inclusive of clean water & dirty water**
- 2. Increasing the quantity of clean water and reducing dirty water**
- 3. Recognizing dirty water value in legal framework for water.**

TARGET/ KPI 2025

- 1. Formulate water balance for all water resources**
- 2. Inclusiveness of water ownership**
- 3. Embrace technological advancement in water value appreciation**
- 4. Creating awareness for valuing water**
- 5. Setting the foundation for water as an asset (yayasan)**
- 6. Establish water asset management functional tools**



GROUP 6: WATER- RELATED DISASTER RISK MANAGEMENT





THEME

1. Water, a lifeline for the nation

VISION 2040

1. Achieve an inclusive and sustainable provisions of safe and affordable water supply and sanitation systems
2. Water as a valuable commodity for wealth creation **through a digital economy transformation**
3. **Achieving water security and strengthening resilience through Integrated Water Resources Management**

TARGET/ KPI 2025

1. Reduce National NRW to 25%
2. 100% access to affordable, clean and safe water
3. 80% access to safe sanitation system
4. **Per capita water consumption <200 l/day**
5. **Reduction in flood damage (direct & indirect) by X %**
6. **X Ha of forests protected for flood control**

