

RAC Official Mandate Letter



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Royal Academy of Cambodia
Académie Royale du Cambodge

Ref: 037/26 RAC

Phnom Penh, April 6, 2026

RAC OFFICIAL MANDATE LETTER

Subject: Official Mandate for the Development of Technical Standards for Rainwater Drinking Systems in Cambodia

The Royal Academy of Cambodia (RAC), as a national scientific institution under the Royal Government of Cambodia, is committed to advancing science-based solutions that support sustainable development, climate resilience, and improved access to safe drinking water.

Recognizing the increasing challenges in ensuring safe, reliable, and climate-resilient drinking water services, particularly in rural and peri-urban areas, RAC affirms the importance of developing complementary and context-appropriate approaches to strengthen existing water supply systems.

Rainwater represents a locally available and climate-resilient resource with strong potential to support drinking water needs. In this regard, RAC emphasizes that rainwater-based drinking systems are not intended to replace centralized water supply systems, but to complement them by enhancing resilience and reducing pressure on existing infrastructure, particularly in underserved and climate-vulnerable areas.

To support the safe and scalable use of rainwater for drinking purposes, RAC hereby declares its role as the National Technical Authority for Rainwater Drinking Systems in Cambodia.

This mandate will be implemented through the Rainwater Training and Research Center (RTRC) under RAC, which serves as a dedicated platform for research, technical validation, training, and field implementation.

Under this mandate, RTRC will undertake the following key functions:

- ✓ Development of technical standards and guidelines for rainwater used for drinking
- ✓ Establishment of system design, operation, and maintenance protocols
- ✓ Development of water quality monitoring and safety management approaches
- ✓ Technical validation and certification of rainwater drinking systems
- ✓ Capacity building and training of relevant stakeholders
- ✓ Support for community-based rainwater systems, including Rain School initiatives.

RAC will work in close collaboration with relevant government ministries to ensure alignment with national policies and sectoral priorities, including:

- ✓ The Ministry of Rural Development (MRD) for rural deployment and policy integration
- ✓ The Ministry of Education, Youth and Sport (MoEYS) for integration into schools and educational programs
- ✓ The Ministry of Health (MoH) for guidance on water quality and public health considerations

In addition, the initiative will be implemented in a manner that complements existing centralized water supply and water resource management systems, with appropriate consultation and coordination with relevant national water and environmental authorities.



To strengthen technical rigor and international alignment, RAC will collaborate with international partners, including Seoul National University (SNU) for advanced technical advisory and system optimization, and Rain For All (RFA), an NGO accredited by UN ECOSOC, for community-based implementation support and global knowledge exchange.

This mandate aims to establish a scientific and institutional foundation for recognizing rainwater as a safe and complementary drinking water source in Cambodia, contributing to national priorities and global commitments such as Sustainable Development Goal (SDG) 6.1.

RAC will continue to play a leading role in advancing scientific knowledge, developing technical standards, and supporting sustainable and inclusive water solutions for the Kingdom of Cambodia.

If you have any inquiries, please do not hesitate to contact Dr. Mam Sarith via mobile phone (855 12 944 740) or email: mam.sarith@gmail.com.

Sincerely,



Academician Sok Touch
President,
Royal Academy of Cambodia