



Resilient AIoT Green Energy System with Real-time Solution for Effective Aquaculture (**REAS-SEA**)

ASEAN IVO
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Introduction:

To support ASEAN regions fast growth aquaculture industry with a real-time and holistic control solution, our proposed REAS-SEA employs a combination of advanced sensors, AIoT, and hybrid energy harvesting to connect and collect multiple environmental and biological sensing parameters to reduce high shrimp mortality rate and to improve farmers' economics. The successful project will provide early warning to aqua-culturists of detrimental changes in critical environmental parameters affecting aquatic animals, mitigating risks; therefore, minimizing mortality loss, reducing feed cost, and promoting sustainable and profitable adoption for aquaculture farming for areas along the Mekong river including Lao, Cambodia, and Vietnam.

Project Members:

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