



Sponsored Project



1. Project name	Innovative Biofloc Technology for fish and shrimp
2. AIT Lead Faculty	Dr. Krishna R. Salin
3. Objective	To develop a new research domain for AARM by developing Biofloc-based aquaculture systems and initiate a series of capacity-building activities on the dissemination of Biofloc technology in aquaculture.
4. Short Descriptions	Biofloc is a novel technology that would overcome the constraints of current aquaculture practices and enable highly intensive fish and shrimp production systems sustainably. It is a cost-effective and self-cleansing system that conserves water and feed and involves high stocking densities and output levels. This technology is highly successful in tilapia and shrimp farming. A new research program on Biofloc technology was initiated at AIT for the first time as part of this project. Modified biofloc technologies such as Aqua mimicry systems were also researched. A series of international training programs have also been initiated since 2015, training nearly 400 participants from over 50 countries.
5. Output/Social Impact	New research facilities for the transition to Biofloc systems were established, as well as various student research initiatives. Five international Biofloc technology training sessions were also held, with almost 400 trainees from more than 50 nations participating.
4. Partners	Resource persons from Kasetsart University, and industry support from Thailand and Malaysia.
5. Donors	International delegates
6. Project Duration	June 2015 – December 2016
7. Total grant amount	THB 3,759,947
8. Please specify SDG s to which this project belongs	Poverty (SDG-1), hunger (SDG-2) and nutrition, health (SDG-3), clean water & sanitation (SDG-6), employment (SDG-8), sustainable production and consumption (SDG-12), life below water (SDG-14)