Tackling marine plastics in Thailand: from community-based actions to policies

Phase 2 (Aug 2019 – Jul 2020)

Program description:

The Coca-cola Foundation and IUCN partnership project Phase 2 has been developed based on the success of policy development and local community’s engagement in community based solid waste management in Phase 1; August 2018-July 2019. Koh Yao Yai Municipality regulations on waste management has been officially endorsed by the Provincial Governor and now in an initial stage of enforcement in the target areas. Policy improvement will be carried out in a more integrated manner by exploring opportunity to introduce financial instruments as incentives to increase stakeholder engagement in the integrated waste management schemes. Awareness raising and capacity building for local community members, especially on home based waste segregation and improving local recycle rate will be continued in Phase 2, including the engagement of private sectors in waste management improvement.

Collaboration with Prunai and Koh Yao Noi sub-district on policy development and collaboration will be prioritized in Phase 2, which will ensure that waste management model at Koh Yao Yai sub-district could be replicated in the neighboring areas sharing the same ecological corridors.

The project’s phase 2 (2019 – 2020) aims at achieving policy improvement, increase of recycle rate and improving waste management systems at household and sub-district level in key strategic locations in Koh Yao District, Phang Nga province, in order to significantly reduce marine plastic pollution and catalyze key changes in local and national policies on plastic waste management.

District level meeting for solid waste management on March 2020
**Ultimate goal:**

- The integrated solid waste management in Koh Yao Yai, Pru Nai and Koh Yao Noi sub-districts, Koh Yao district, Phang Nga province is strengthened and comprehensively upscale to the neighboring areas, including the policy enforcement of solid waste management will be adopted by local authorities in the pilot areas within 2020.

**Sub-goal for Year 2 implementation:**

- Solid waste management policy and regulations at Koh Yao Yai sub-district will be enforced for more effective waste management in Koh Yao Yai sub-district, as well as increasing recycle rate of plastic and other waste by 40% in the target areas against the baseline in 2018.

IUCN Thailand will continue the collaboration with Koh Yao Yai Municipality and 4 target communities on solid waste management policy improvement, enforcement and multi-stakeholder collaboration. In addition, the project will expand to work on solid waste management policy collaboration and private sector engagement in three new areas; Prunai Municipality, Koh Yao Sub-District Municipality and Koh Yao Noi Sub-district Administration Organization will be scaled up accordingly to ensure a holistic effectiveness of waste management system in Koh Yao District. The main objectives of the project in Phase 2 are:

- To continue to promote multi-Stakeholder engagement in solid waste management policy improvement with an emphasis on plan for integrated solid waste management that services the needs of the whole district and recyclable waste linked with socioeconomic activities in the target areas, including collaboration with the government agencies;

- To demonstrate and monitor policy enforcement, implementation and change of community’s behavior on solid waste management at the household level and sub-district level; and

- To develop a responsible business practice and model of integrated solid waste management and implementation of the policies.

**Phase 2 outcomes:**

1. **Policies and regulations on solid waste management:** improvements and enforcement of the policy in Koh Yao Yai sub-district responding to the current situations.

2. **Policy framework and plan on integrated solid waste management:** Develop collective actions and plans at district in Koh Yao District, and expansion to municipality level a) Koh Yao Yai Municipality, b) Prunai Municipality, c) Koh Yao Sub-District Municipality and d) Koh Yao Noi Sub-district Administration Organization.

3. **Action plan for a centralized integrated waste management system:** Action plans developed at sub-district level for Koh Yao Yai to encourage behaviour change.

4. **Waste management policies:** Implementation of the policy to effectively and increase the recycle rate by 40% based on 2018 baseline.

5. **Private sector companies:** Apply the regulations and adopt responsible business practices for solid waste management.

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The big cleaning activity at Koh Yao Yai Sub-district on Jan 2020