



Zero waste society models made a lifestyle to environment-friendly

On August 8th, 2018, Ms. Sunee Piyapanpong, Director General of Pollution Control Department (PCD), said that to follow the government policy on national agenda of waste management, PCD has introduced a roadmap for implementing municipal and hazardous waste management and also produces the national master plan on waste management 2016-2021 (B.E. 2559 – 2564) for driving and solving solid waste problem in Thailand. Concurrently, the Ministry of Interior executed the action plan on the national zero waste project during 2016-2017 (B.E. 2559 – 2560) in order to motivate Thailand to the Zero Waste Society under 3Rs framework related to civil state policy. The aim is to promote the reduction and separation of household waste at sources by cooperating all public and private sectors in local authorities using 3Rs framework including reduce, reuse, and recycle. The example of an achievement area is Sangkhom Subdistrict Municipality, Nong Khai Province.

Sangkhom Subdistrict Municipality consists of 2.1 square kilometer of area, 2 districts, 4 villages, and 1,313 household, including 3,376 residents. The municipality has to deal with 810 kilograms of waste daily. Without waste landfill, waste has been transferred to Sri-chingmai Subdistrict Municipality to dispose, costing around 445,000 baht. In this connection, some people do not understand about the concept of management form sources and no understanding about the concept of those who generates waste must dispose waste.

In Sangkhom Subdistrict, discipline building for waste management in communities, has introduced in numerous techniques. The local authority organizes an event for zero waste roads. Individuals will separate manage and unmanaged wastes form households such as organic wastes, recycle wastes and diapers by putting on the arrangement roads at the right time. Moreover, the local authority has also enhanced several activities with 3Rs concept, such as reducing plastic bags and foam packages, caring baskets and rice boxes to the temples, wearing Thai fabric, and using food carriers, producing bio-fermentation water from organic wastes, and etc. All activities on waste managements are the communities' lifestyle with environmental-friendly. On June 2018, Sangkhom village got the advantage from waste around 635 kilograms which was 78% of waste generated per day. This became a truly successful waste implementation in communities, Mrs. Sunee said.

In this regard, the government has solved urgent waste management problems. In 2018, residue waste was treated by 27 million tons or 88.5% from 30.5 million tons. Household waste has been implemented under the action plan on the national zero waste projects in accordance with civil state policy. Currently, Thailand has 2,867 waste management stations; 29.2 million tons of wastes (74%) are properly treated including a correct disposal by 11.69 million tons (43%) and the reusable wastes by 8.51 million tons (31%).