



Sufficiency Economy Philosophy to Sustainable Development Goals (SEP to SDGs)



“World Soil Day” is an international day held annually on 5 December (corresponding with the birthday of the late H.M. King Bhumibol Adulyadej the Great) as a means to focus attention on the importance of healthy soil and to advocate for the sustainable management of soil resources which are the starting point for achieving world food security, hunger elimination, poverty alleviation and sustainable environmental management.

Thailand, within the framework of the Food and Agriculture Organization (FAO), organizes the event to pay tribute to the late H.M. King Bhumibol Adulyadej who studied and researched for sustainable soil management practices leading to the well-being of farmers and the people, better understanding, and national awareness of soil resource conservation.



ไม่ใช่ทางเลือก แต่เป็นทางรอด

มาร่วมกันสร้างความหลากหลายทางชีวภาพในดิน



Sufficiency Economy Philosophy to Sustainable Development Goals (SEP to SDGs)
การขับเคลื่อนสืบสานศาสตร์พระราชา ปรัชญาของเศรษฐกิจพอเพียงสู่เป้าหมายความยั่งยืนโลก

โครงการพัฒนาพื้นที่ต้นแบบการพัฒนาคุณภาพชีวิตตามหลักทฤษฎีใหม่ ประยุกต์สู่ “โคก หนอง นา โมเดล” กรมการพัฒนาคูมนชน

“In this light, the Department of Community Development, Ministry of Interior, joins hands with 7 network partners (comprising the Department of Community Development, Ministry of Interior, King Mongkut's Institute of Technology Ladkrabang, Electricity Generating Authority of Thailand, Agri-Nature Foundation, Earth Safe Foundation, Bank for Agriculture and Agricultural Cooperatives and Ao Mue Samakkee Social Enterprise Company Limited) to bring the Philosophy of Sufficiency Economy of His Majesty King Rama IX into practice with the declaration of Cooperation Agreement for the Continuation of the King's Sufficiency Economy Philosophy to Achieve Sustainable Development Goals (SEP to SDGs) on World Soil Day.

This joint effort will lead to the promotion of learning and participation processes of the public to be more self-reliant, resulting in improved quality of life based on sustainable management of soil, water, forest, food and energy in the area, through various events related to this project and World Soil Day Award and tailor-made for each target group include:

1. Educational Projects

The creation of New Theory: Kok Nong Na Model is based on the Sufficiency Economy Philosophy, which starts from providing both theoretical and practical trainings to the audience and leads to their application of knowledge gained to develop and design their areas, find new water sources or improve existing rainwater catchment systems and bring water to rehabilitate and improve soil quality and create biodiversity in soil resources through various activities befitting geographic and social environment such as growing 5 types of plants; namely large trees, medium trees, low-growing trees, groundcover plants and underground vegetables, at “Kok,” an elevated area designed to simulate natural ecosystems, to create topsoil, improve soil structure, allow water absorption and filtration through tree root systems, as well as providing food, medicinal herbs, clothing, shelter and maintaining a balanced ecosystem for the community.

Meanwhile, “Nong” refers to the area designed to collect rainwater that falls in or flows through it, act as a reservoir for various agricultural activities (such as growing crops and raising animals) and water distribution system, prevent topsoil erosion, increase moisture retention in soil and trees through the network of ditches and water channels, as well as providing cheap food for households, whereas “Na” refers to the area designed to produce chemical-free organic food, according to natural farming principles, and store excess water in the event of a flood. The training consisted of two events:

1.1 Training workshop entitled “Agricultural Development towards Sufficiency Economy System Based on Kok Nong Na Model” to raise awareness and transfer theoretical and practical knowledge of soil, water, forest and wildlife conservation to 47,529 participants from 76 provinces leading to quality of life improvement according to the New Theory applied in “Kok Nong Na” at both sub-district and household levels and a possible future upgrade of 47,529 plots to function as learning centers for interested parties

1.2 Training workshop for 15,000 community leaders from 1,000 sub-districts in 76 provinces to apply the knowledge gained to develop their communities and create food security during COVID-19 epidemic crisis





2. Field Work

Strength in Unity is an important activity to build on the development of the model area for improving the quality of life, in accordance with the New Theory applied to Khok Nong Na Model, by creating the fertility of the plot / prototype area in line with natural farming principles. Viewed as lending a helping hand, it is a tool to build a good relationship with the community and to put the poor man's working principle (helping wholeheartedly with all one's might) into real practice through tasks in household land models. Important tasks, according to natural farming principles, included in this activity are:

- Group Management, Area Survey, Division of Duties, Division of Labor, Unity
- Soil Preparation, Ditch and Weir Digging
- 5 Levels of Reforestation
- Vetiver Planting for Soil and Water Conservation
- Flower Planting for Insect Management
- Soil Covering with Straw, Dry Leaves, etc.
- Soil Fertilization with Organic Fertilizers (Dry Fertilizer - Liquid Fertilizer)

Strength in Unity is a support activity for those already participated in educational projects to go on a field trip and build rapport with people in the community while working together to restore and create biodiversity in soil resources (total of 88,511 events with 1,883,650 participants)

As for soil biodiversity, all households are encouraged to grow plants, vegetables and chemical-free food as a starting point for achieving food security (every household double as food warehouse and every village as distribution center) and herb cultivation is promoted as a means to provide "Home Medicine and Fridge Food."



As a result, the produce provides a welcoming food security for low-income communities during the coronavirus disease epidemic crisis in Thailand. Growing Plants, Vegetables and Love with CDD is another activity for community leaders, farmers and people in the community to create food security by restoring and creating biodiversity in soil resources in 3 stages (total of 6,439,330 participating households from 41,336 villages in 4,941 sub-districts in 812 districts in 76 provinces)

3. Activities with Farmers

Due to the epidemic situation of Coronavirus disease (COVID-19), the economic recession caused unemployed workers and new graduates to return to their hometown and local communities. The Community Development Department, thus, has organized various activities to create jobs and generate monthly income for farmers, new graduates and returnee workers to hometown and local communities under Development Projects of Model Area for Quality-of-Life Improvement through New Theory Applied in "Kok Nong Na Model" to revive local economies and communities by employing and generating income for farmers, new graduates and returnee workers to hometown and local communities.

The mission of model area developers (MD) according to Development Projects of Model Area for Quality-of-Life Improvement through New Theory Applied in "Kok Nong Na Model" is to study natural farming principles and relay them, during work trips, to farmers who are the target group of these development projects, as well as creating learning and working environment for area development by:

- **Planning Improvements**



Planning improvements for area environments according to natural farming principles (nature-based agriculture) such as soil improvement, water resources management, planting crops, raising animals, growing plant and animal populations without using chemicals

- **Developing Learning Bases**



Developing learning bases, educating interested audience at each base, promoting learning, guiding real practices, joining Strength in Unity activity on a rotation basis.

Model Area Developer is a project for 9,188 unemployed workers affected by COVID-19 epidemic crisis and a team of 400 volunteer lecturers from the academic and public sectors already participated in educational projects to go on a field trip and work with farmers from Community/Household Lab Model for Quality of Life (CLM/HLM) to restore and create biodiversity in soil resources in 25,179 plots.

4. Celebration in the Field

4.1 Organizing “You Do, We See” variety activity, building distribution centers, creating food security under the concept of “1 village tending the whole sub-district,” organizing seminars and declarations of intention on the occasion of World Soil Day in 1,000 sub-districts in 76 provinces and selecting 18 model sub-districts and 1 outstanding sub-district at the national level



4.2 Organizing Model Village Competition for 145 villages based on the application of royal initiatives and knowledge of rehabilitation and creation of biodiversity in soil resources gained from 6 Royal Development Study Centers in 6 regions of the country and selecting 3 model villages from each region with the best manifestation of economic, social, and environmental successes



ชื่อภาพ "ผู้นำทำได้ เกษตรอินทรีย์ 5วิถีวนา"
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