

**[DOST MEMORANDUM CIRCULAR NO. 003, S.
2011, July 07, 2011]**

**DOST GUIDELINES IMPLEMENTING THE NATIONAL GREENING
PROGRAM (NGP)**

Section 1. Purpose — This guideline is promulgated pursuant to Executive Order No. 26 dated February 24, 2011, directing the implementation of the National Greening Program (NGO) as a government priority requiring further all participating agencies/institutions to issue their respective guidelines to implement the same. Thus, this Memorandum Circular is promulgated, adopted and prescribed for the information and guidance of all DOST offices and its attached agencies.

Section 2. Mandate — As mandated by the said law the Department of Science and Technology shall be responsible for the development and transfer of appropriate technologies as well as promotion of the use of such technologies to various client groups through the production of both formal and non-formal Information, Education and Communication (IEC) materials.

In line with the same mandate, the DOST established a Techno-Ecology Park within the DOST compound serving as an accessible and suitable location to showcase locally-developed technologies as well as an urban haven to house a nursery of indigenous plants and trees.

Section 3. Objective — DOST shall actively participate and work closely with other government and private entities in support of the National Greening Program. DOST shall pursue the priority programs of the government, which include poverty reduction, resource conservation and protection, productivity enhancement, and climate change mitigation and adaptation.

As part of DOST's commitment to this endeavor, all DOST offices and attached agencies are required to give full support ensuring the success of the NGP. All lead agencies in science, research and innovation, R and D Institutes and Councils are directed to utilize their respective researches for the optimum growth and survival of plant nurseries and "greeneries," such as trees, vegetables and ornamental plants.

In support of the NGP, DOST shall undertake the following activities:

1. Develop a Master Plan for the establishment of the DOST Techno-Ecology Park, which would showcase the various S&T technologies related to the greening program;
2. Establish nurseries and protected agriculture areas in which to rear trees, vegetables and other plants;
3. Showcase DOST and other locally-developed technologies;

4. Develop IEC materials to promote the various "greening" technologies to the public; and,
5. Disseminate technologies and information related to the National Greening Program to the appropriate parties.

Section 4. Organizational Structure and Over-all Coordination — PCARRD shall be the over-all coordinator of the project. DOST-NCR shall be the lead agency in charge of the management of the DOST Techno-Ecology Park located at the DOST compound, in collaboration with the PMO, composed by the DOST Councils and RDI's involved in the program.

Section 5. Strategy of Implementation — Preparation of Master Plan for the establishment of the DOST Techno-Ecology Park.

- 5.1 The Master Plan shall have three components: the Green/environment aspect; Science and Technology; and the Business component.

5.1.1 Green/environment aspect-urban agriculture and forestry — The DOST Greening Program shall harness various S&T technologies that are funded and monitored by DOST. These shall include, among others:

- Hydroponics/protected agriculture
- Nurseries (Indigenous Forest Trees; Bamboos and other ornamental plants)
- Butterfly Garden
- Fishery/Recreational Fishing
- DOST Biodiversity Park

5.1.2 Science and Technology Component — The Science and Technology component shall showcase DOST and other locally-developed technologies. Agencies of DOST shall be invited to showcase their respective identified technologies in the DOST compound.

5.1.3 Business component — This shall include the establishment of Technology Business Incubators (TBIs) promoting green technologies and S&T enterprise market. These TBIs shall cater to various business enterprises engaged in gardening, horticulture, landscaping and technological gadgets and equipment. A MOA shall be executed by DOST with the interested parties and shall always be subject to existing budgeting, accounting and auditing rules and regulations.

- 5.2 DOST shall provide an area and the technology to showcase modern nursery techniques for producing forest tree seedlings.