

Republic of the Philippines  
**HOUSE OF REPRESENTATIVES**  
Quezon City



**THIRTEENTH CONGRESS**

First Regular Session

House Bill No. 842

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Introduced by Hon. Aurelio "Oyie" Matias Umali

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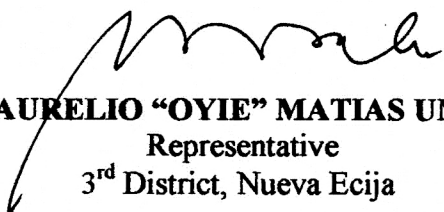
**EXPLANATORY NOTE**

This bill seeks to establish an Integrated National Bamboo and Rattan Development Program that will promote ecological balance with industrial development and at the same time, conserve valuable natural resources.

Government support for the intensive development of bamboo and rattan farms can be a strategic move in upgrading the quality of life of Filipino forest dwellers and the rural poor. Bamboo and rattan play a major role in agro-forestry. Besides providing such useful products as fuelwood, poles and even edible food, they also minimize nutrient drain due to leaching and soil erosion, restore nutrient lost from the ecosystem, and perform other key environmental services. They serve as wind-breakers or as shade trees in pastures and fields, helping to improve the micro-climate so that animals and plants have better chances of survival.

Bamboo and rattan can also be used as an alternative scheme to our reforestation program. While there are serious and determined attempts to replenish trees felled by loggers in some areas, the sheer size of the denuded forest and the length of time needed to grow replacement trees clearly indicate the need to implement an immediate but less expensive alternative. By instituting this program, the State will be able to protect the Filipino people from the endangered fragile ecosystem affected by pollution, toxic waste, and denudation of forest through wanton illegal logging.

Hence, an immediate and favorable action regarding this piece of legislative work is earnestly requested.

  
**AURELIO "OYIE" MATIAS UMALI**  
Representative  
3<sup>rd</sup> District, Nueva Ecija

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**AN ACT**  
**PROVIDING FOR A NATIONAL BAMBOO AND RATTAN DEVELOPMENT**  
**PROGRAM AND APPROPRIATING FUNDS THEREFOR**

Be it enacted by the Senate and the House of Representatives in Congress assembled:

Section 1. Title – This Act shall be known as the **"Integrated National Bamboo and Rattan Development Program."**

Section 2. Declaration of Principles and Policies. – It is hereby declared to be the national policy of the State to develop the bamboo and rattan propagation of the country and provide adequate measures to insure permanent stability in the production thereof.

The welfare and interest of the people to achieve environmental equilibrium with industrial development shall have the highest consideration in promoting ecological awareness.

Section 3. Definition of Terms:

- a) **Bamboo nursery** – an area where high quality bamboo planting stocks are raised and produced.
- b) **Bamboo cultivars** – these refer to species or varieties. The cultivated variety is a potential source of propagules or propagating materials.
- c) **Production/dispersal center** – place where bamboo saplings readied for transplanting are properly kept and dispersed.
- d) **Program** – refers to the Integrated National Bamboo and Rattan Development Program of 1996.

**Section 4. The Program shall cover only selected local government units on the basis of the following criteria:**

- a) availability of land resources**
- b) demand and supply**
- c) social acceptability**
- d) economic and ecological enhancement needs; and**
- e) over-all compatibility and consistency with existing local, provincial, regional, and national environmental and socio-economic development plans.**

**Section 5. The program shall cover the following phases considered necessary to attain its primary objective:**

- a) Propagation or production of high quality, genetically superior planting stocks through sexual macro and micro-sexual means;**
- b) Dispersal or distribution of planting materials at a nominal amount;**
- c) Production or bamboo farming and/or plantation development and management;**
- c) Utilization, processing, and marketing, including high value product development;**
- f) Training and extension, including technology packaging and transfer; and**
- g) Research and technology.**

**Section 6. Implementation – All selected local government units are hereby mandated to construct bamboo nurseries and production/dispersal centers under the supervision and control of the Department of Environment and Natural Resources.**

**Section 7. Determination of location sites – The determination of location sites shall be vested in the City/Municipal Bamboo/Rattan Development Committee created hereof, with recommendation from the local legislative council.**

**Section 8. Executive Committee - An Executive Committee (EXECOM) of the National Bamboo/Rattan Development Program is hereby created to be composed of the following:**

- a) Secretary of the Department of Environment and Natural Resources, as Chairman;**
- b) Secretary of Agriculture, as Vice-Chairman;**
- c) Secretary of the Department of Science and Technology, as Member;**

- d) Chancellor of the University of the Philippines, Los Baños as Member, and such other members as the President of the Philippines as may be designated, taking into account Section 5, Article XIII of the Constitution.

The EXECOM may meet and decide on any and all matters concerning the implementation of the Program. Provided, however, that its decision must be reported to the President immediately not later than the succeeding meeting.

The EXECOM shall be tasked to provide guidelines for a province-to-province implementation of the Program to be monitored by the Regional Offices which may be created.

Section 9. Provincial Bamboo/Rattan Development Program Committee – A Provincial Bamboo/Rattan Development Program Committee is hereby created in affected provinces. Such Committee shall be chaired by the Provincial Environment and Natural Resources Officer (PENRO), the Provincial Planning and Development Officer as Vice-Chairman and one representative each from the Departments of Agriculture, Science and Technology, Trade and Industry and the UPLB College of Forestry.

The Provincial Committee shall coordinate and monitor the implementation of the Program in their respective provinces. It shall provide the necessary information on the provisions of the Program, implement the guidelines issued by the EXECOM and shall make a written report on the progress of the Program in the Province.

Section 11. City/Municipal Bamboo/Rattan Development Program Committee – There shall be the City/Municipal Bamboo/Rattan Development Program Committee which shall be consisted of the Community Environment and Natural Resources Officer as Vice-Chairman and the following as members: two members of the local council concerned, the association of Barangay Council, one representative from DA, DOST and DTI.

Section 12. The City/Municipal Bamboo/Rattan development Program Committees shall perform the following:

- a) Determine and identify the prospective location sites for bamboo nursery and dispersal centers
- b) determine the would-be-bamboo cultivars;
- c) assist the DENR-PENRO representative in the preparation of the reports on the progress of the implementation of the Program by the local government units (LGU) concerned for submission to the EXCOM.

**Section 13. Natural Bamboo Research Office** – There is hereby created a National Bamboo/Rattan Development Research Office, headed by an Executive Director, who shall be appointed by the President upon the recommendation of the EXECOM and one representative each from the University of the Philippines-Los Baños, the Department of Environment and Natural Resources and the Department of Science and Technology, Provided, however, that this Office is under the supervision of the Secretary of the Department of Science and Technology. This Research Office shall be responsible for the following:

- a. To make the proper researches, studies, information dissemination on bamboo cultivation, propagation and production;
- b. To provide scientific and technological assistance on bamboo planting procedures;
- c. To determine and make proper technological advances on the usages of bamboos;
- d. Such other functions as the need arises and as may be recommended by the EXECOM.

**Section 14. Financing** – The initial amount necessary for the immediate implementation of the provisions of this Act shall be charged against the appropriations intended for the Department of Environment and Natural Resources and Department of Science and Technology. Thereafter, the sums which may be necessary to maintain the operation of the program shall be shouldered by local government unit concerned.

**Section 15. Implementing Rules** - The Secretary of the Department of Environment and Natural resources shall issue the necessary implementing rules and regulations within sixty (60) days after the approval of this Act.

**Section 16.** This Act shall take effect fifteen (15) days after its publication in the Official Gazette or newspaper of general circulation.

Approved.