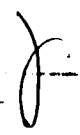


SENATE

S. No. 533



Introduced by Senator Antonio "Sonny" F. Trillanes IV

**AN ACT
REQUIRING ALL GRADUATING ELEMENTARY, HIGH SCHOOL AND
COLLEGE STUDENTS TO PLANT AT LEAST TEN (10) TREES EACH AS A
PREREQUISITE FOR GRADUATION AND FOR OTHER RELATED PURPOSES**

EXPLANATORY NOTE

In the 1993 case of *Oposa v. Factoran*¹ the Supreme Court recognized the concept of intergenerational equity, upholding the rights of minors to sue for the judicious management of our country's forests and the necessity of maintaining a sound ecological balance, and protecting and enhancing the quality of the environment in accordance with Sections 15 and 16, Article II of the 1987 Constitution.

Recognizing that a system of inter-generational equity involving both rights and responsibilities may be substantially more effective in achieving the twin goals of environment protection and sustainable development, this bill seeks to impose a positive duty upon all graduating elementary, high school and college students to plant at least ten (10) trees as a prerequisite for graduation. These trees shall be their legacy to the environment and to future generations.

Indeed, while we recognize the right of the youth to a balance and healthful ecology, as proclaimed in the 1987 Constitution, there is no reason why they cannot be made to contribute in order to ensure that this would be an actual reality.

With over twelve (12) million students graduating from elementary, nearly five (5) million students graduating from high school² and almost Five Hundred Thousand (500,000)³ graduating from college each year, this initiative, if properly implemented, will ensure that at least 175 million new trees would be planted each year. In the course of one generation,⁴ no less than 525 billion trees can be planted under this initiative. Even with a survival rate of ten percent (10%), this would mean an additional 525 million trees would be available for the youth to enjoy, when they assume the mantle of leadership in the future.

¹ *Oposa v. Factoran*, Q.R. No. 101083 promulgated on 30 July 1993 (En Banc).
² Basic Education Information System - Data Bulletin. Previous School Year Promotees and Graduates in Government Elementary and Secondary Schools by Year Grade Level and by Sex, School Year 2010-2011, information retrieved from Research & Statistics Division Office of Planning Service, Department of Education all 20 March 2012.
³ 2009 Data. Information retrieved from Commission Higher Education on 20 March 20 12.
⁴ Computed at thirty (30) years.

This bill also aims to complement Executive Order No. 26, Series of 2011, issued by His Excellency, President Benigno S. Aquino III, which aims to mobilize students and government employees to plant 1.5 Billion trees over a period of six (6) years, from 2011 to 2016.

In view of the foregoing, immediate passage of this bill is earnestly requested.


ANTONIO "SONNY" F. TRILLANES
Senator

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

1 **SECTION 1. *Short Title.*** - This act shall be known as the "Graduation Legacy for the
2 Environment Act of 2016".
3

4 **SEC. 2. *Declaration of Policy.*** - It is hereby declared the policy of the State to
5 promote and pursue environmental protection and sustainable development for poverty
6 reduction, food security, biodiversity conservation, and climate change mitigation and
7 adaptation.
8

9 **SEC. 3. *Tree-planting as a Mandatory Requisite for Graduation.*** - Pursuant to the
10 policy of the state to promote and pursue environmental protection and sustainable
11 development, all graduating grade-school or primary education (Grade 6 or 7) students, high
12 school or secondary education (4th Year High School) students, as well as all college or
13 university students shall be required to plant at least ten (10) trees as a mandatory prerequisite
14 for their graduation. Said trees shall be their living legacy to the environment and to future
15 generations of Filipinos.
16

17 **SEC. 4. *Location.*** - The trees to be planted under this Act shall be located in any of
18 the following:
19

- 20 1) Forestlands;
- 21 2) Mangrove and protected areas;
- 22 3) Ancestral domains;
- 23 4) Civil and military reservations;
- 24 5) Urban areas under the greening plan of the LGUs;
- 25 6) Inactive and abandoned mine sites; and
- 26 7) Other suitable lands.

27
28 **SEC. 5. *Partner Agencies/Stakeholders.*** - The Department of Education (DepEd)
29 and the Commission on Higher Education (CHED) shall implement the provisions of this Act
30 in partnership with the following agencies/stakeholders, whose responsibilities shall include
31 but not limited to the following:
32

- 1) Department of Agriculture, Department of Agrarian Reform and Department of Environment and Natural Resources
 - a. Nursery, establishment and seedling production;
 - b. Site identification and site preparation;
 - c. Social mobilization;
 - d. Tree planting;
 - e. Monitoring and evaluation;
 - f. Technical support and extension services;
 - g. Provision of certified seeds of agronomic crops;
 - h. Provision of access roads and trails to planting site;
 - i. Provision of post-harvest and processing facilities; and
 - j. Technical assistance in product development and marketing.
- 2) Department of Budget and Management (DBM)
 - a. 5.2.1 Allocation of funds for all activities of the National Greening Program (NGP).
- 3) Department of Interior and Local Government (DILG)
 - a. Provision of transportation, security and fire protection amenities; and
 - b. Information, Education and Communication.
- 4) Local Government Units (LGUs)
 - a. Establishment of nurseries and production of planting materials;
 - b. Development of greening plan for urban and suburban areas;
 - c. Lead the establishment of communal tree farms for firewood and other domestic uses;
 - d. Construction of access roads and trails to the planting sites;
 - e. Provision of medical support; and
 - f. Technical assistance and extension of services.
- 5) Department of Health (DOH)
 - a. Provision of transportation and medical support.
- 6) Department of Public Works and Highways (DPWH)
 - a. Provision of transportation in the hauling of seedlings and volunteer planters; and
 - b. Assistance in the construction of access roads and trails to the planting sites.
- 7) Department of Transportation and Communications (DOTC)
 - a. Provision of transport for participants; and
 - b. Provision of communication facilities.
- 8) Department of National Defense (DND)
 - a. Nursery establishment and seedling production;
 - b. Site preparation;
 - c. Provision of transportation support; and
 - d. Provision of security.
- 9) Department of Science and Technology (DOST)

- 1 a. Development and transfer of appropriate technologies; and
2 b. Information, Education and Communication.

3
4 10) Department of Justice (DOJ)

- 5 a. Nursery establishment and production of planting materials; and
6 b. Provision of transportation.
7

8 11) National Commission on Indigenous Peoples (NCIP)

- 9 a. Mobilization of participation of indigenous peoples;
10 b. Identification of sites for NOP inside ancestral domains; and
11 c. Supervision of forest protection activities inside ancestral domains.
12

13 12) Technical Education and Skills Development Authority (TESDA)

- 14 a. Technical assistance in seedling development.
15

16 13) Philippine Amusement and Gaming Corporation (PAGCOR)

- 17 a. Provision of funds for seedling production and other related activities.
18

19 **SEC. 6. *Implementing Rules and Regulations.*** - The DepEd and the CHED, in
20 consultation with the participating agencies/institutions, shall promulgate and issue the
21 Implementing Rules and Regulations of this Act within sixty (60) days from the effectivity
22 hereof.
23

24 **SEC. 7. *Funding Mechanisms.*** - Funds needed for the implementation of this Act for
25 the current year shall be provided by the DBM and funding for the succeeding years shall be
26 incorporated in the regular appropriation of participating agencies.
27

28 **SEC. 8. *Separability Clause.*** - Any portion or provision of this Act that maybe
29 declared unconstitutional shall not have the effect of nullifying other provisions hereof, as
30 long as such remaining portions can still subsist and can be given effect in their entirety.
31

32 **SEC. 9. *Repealing Clause.*** - All rules and regulations and other issuances or parts
33 thereof, which are inconsistent with this Act are hereby amended, repealed or modified
34 accordingly.
35

36 **SEC. 10. *Effectivity.*** - This Act shall take effect within sixty (60) days upon its
37 publication in the Official Gazette or at least two (2) newspapers of general circulation.

Approved,