Matrix: PENCAS

Senate Bill No. 9	Senate Bill No. 1914	Senate Bill No. 2041	Remarks
Introduced by	Introduced by	Introduced by	
SENATOR LOREN B. LEGARDA	SENATOR RAMON BONG	SENATOR JOEL VILLANUEVA	
	REVILLA, JR.		
AN ACT INSTITUTIONALIZING THE	AN ACT INSTITUTIONALIZING	AN ACT INSTITUTIONALIZING	
PHILIPPINE ECOSYSTEM AND	THE PHILIPPINE ECOSYSTEM	THE PHILIPPINE ECOSYSTEM AND	
NATURAL CAPITAL ACCOUNTING	AND NATURAL CAPITAL	NATURAL CAPITAL ACCOUNTING	
SYSTEM (PENCAS), MANDATING	ACCOUNTING SYSTEM	SYSTEM (PENCAS),	
ITS USE IN POLICY AND	(PENCAS), APPROPRIATING	APPROPRIATING FUNDS	
DECISION-MAKING, DESIGNATING	FUNDS THEREFOR AND FOR	THEREFOR AND FOR OTHER	
THE AGENCIES RESPONSIBLE FOR	OTHER PURPOSES	PURPOSES	
ITS IMPLEMENTATION, PROVIDING			
INSTITUTIONAL ARRANGEMENTS			
AMONG RESPONSIBLE AGENCIES,			
APPROPRIATING FUNDS			
THEREFOR AND FOR OTHER PURPOSES			
	Polit apacted by the Capata and	Polit aparted by the Sepate and	
Be it enacted by the Senate and House of Representatives of the	Be it enacted by the Senate and House of Representatives of the	Be it enacted by the Senate and the House of Representatives of	
Philippines in Congress	Philippines in Congress	the Philippines in Congress	
assembled:	assembled:	assembled:	
Section 1. Short Title, - This Act	Section 1. Short Title This Act	SECTION 1. Short Title This Act	
shall be known as the Philippine	shall be known as the "Philippine	shall be known as the "Philippine	
Ecosystem and Natural Capital	Ecosystem and Natural Capital	Ecosystem and Natural Capital	
Accounting System (PENCAS) Law	Accounting System (PENCAS)	Accounting System (PENCAS) Act."	
of 2022, which shall adhere to the	Law of 2023'.		
United Nations System of			
Environmental-Economic			
Accounting (SEEA).			

Sec 2. Declaration of Policy It is hereby declared the policy of the State to:	Sec. 2. Declaration of Policy. — It is hereby declared the policy of the State to:	SEC. 2. Declaration of Policy It is hereby declared the policy of the State to:	
a. Promote the common good, conserve and develop our patrimony, as provided in the Preamble of the Constitution, natural capital being the bedrock of the national patrimony;	a. Promote the common good, conserve and develop our patrimony, as provided in the Preamble of the Constitution, natural capital being the bedrock of the national patrimony;	a) Promote the common good, conserve and develop our patrimony, as provided in the Preamble of the Constitution, natural capital being the bedrock of the national patrimony;	
b. Develop a comprehensive information system and accounting framework that will take into consideration the role of our natural capital, consisting of both environmental and natural resources, and its impact on the country's economy;	b. Develop a comprehensive information system and accounting framework that will take into consideration the role of our natural capital, consisting of both environmental and natural resources, and its impact on the country's economy;	b) Develop a comprehensive information system and accounting framework that will take into consideration the role of our natural capital, consisting of both environmental and natural resources, and its impact on the country's economy;	
c. Include and institutionalize natural capital accounting as part of the national income accounting system, strengthening and building on RA10625 on environmental accounts and statistics;	c. Include and institutionalize natural capital accounting as part of the national income accounting system, strengthening and building on Republic Act No. 10625, otherwise known as the "Philippine Statistical Act of 2013', on environmental accounts and statistics;	c) Include and institutionalize natural capital accounting as part of the national income accounting system, strengthening and building on Republic Act No. 10625, otherwise known as the "Philippine Statistical Act of 2013," on environmental accounts and statistics;	

d. Provide indicators that will facilitate the integration of environmental and natural resource concerns in national development planning and policymaking, in the allocation of budgets, and in designating statistics that will be produced regularly for an identified period of analysis.	d. Provide indicators that will facilitate the integration of environmental and natural resource concerns in national development planning and policy making. in allocation of budgets, and in designating statistics that will be produced regularly for an identified period of analysis;	d) Provide indicators that will facilitate the integration of environmental and natural resource concerns in national development planning and policy making, in allocation of budgets, and in designating statistics that will be produced regularly for an identified period of analysis;	
e. Establish and improve interagency coordination for the purpose of linking economic and environmental and natural resource information and efficient data management among concerned agencies and their partner institutions and establish an office to guide such coordination; and	e. Establish and improve inter- agency coordination for the purpose of linking economic with environmental and natural resource information and efficient data management among concerned government agencies and their partner institutions, and to establish an office to guide such coordination; and,	e) Establish and improve inter- agency coordination for the purpose of linking economic with environmental and natural resource information and efficient data management among concerned government agencies and their partner institutions, and to establish an office to guide such coordination; and	
f. Include nature's pricelessness, its intrinsic value, and its interdependencies in the implementation of the foregoing policies to consider that nature and ecosystems have intrinsic rights to exist, with an end view of	f. Include nature's pricelessness, its intrinsic value, and its interdependencies in the implementation of the foregoing policies to consider that nature and	f) Include nature's pricelessness, its intrinsic value, and its interdependencies in the implementation of the foregoing policies to consider that nature and ecosystems have intrinsic rights to exist, with an end in view of	

recognizing legal rights that serve to protect endangered ecosystems and applying the precautionary principle, especially when economic values cannot be estimated;	ecosystems have intrinsic rights to exist, with an end in view of recognizing legal rights that serve to protect endangered ecosystems and applying the precautionary principle, especially when economic values cannot be estimated.	recognizing legal rights that serve to protect endangered ecosystems and applying the precautionary principle, especially when economic values cannot be estimated.	
Sec. 3. Definition of Terms For purposes of this Act, the following terms are hereby defined as follows:	Sec. 3. Definition of Terms For purposes of this Act, the following terms are hereby defined as follows:	SEC. 3. Definition of Terms. – For purposes of this Act, the following terms are hereby defined as follows:	
a. Ecosystem - a complex community of living organisms, their physical environment, and all their interrelationships in a particular unit of space, and the biotic and abiotic components are linked together through nutrient cycles and energy flows	a. "Ecosystem is a complex community of living organisms, their physical environment, and all their interrelationships in a particular unit of space, and these biotic and abiotic components are linked together through nutrient cycles and energy flows;	a) Ecosystem refers to a complex community of living organisms, their physical environment, and all their interrelationships in a particular unit of space, the biotic and abiotic components of which are linked together through nutrient cycles and energy flows;	
b. Capital - a stock concept, which yields a periodic income, which is a flow concept	b. Capital is a stock concept, which yields a periodic income, which is a flow concept;	 b) Capital refers to a stock concept, which yields a periodic income, which is a flow concept; 	
c. Natural capital - the concept of nature as a stock that provides a flow of benefits to people and the	c. "Natural capita!" is the concept of nature as a stock that provides a flow of benefits to people and	c) Natural Capital refers to the concept of nature as a stock that provides a flow of	

economy. Natural capital consists of the stocks of natural assets - both biotic and abiotic. It includes air, water, soil, minerals, forests, coral reefs, seagrass beds, and all living things. It is from this natural capital that humans derive a wide range of goods and services, which make human life possible. The goods and services that natural capital provides, such as food, water, energy, or climate regulation, are called ecosystem services. These provide people everywhere with the means for healthy lives and underpin all economic activity	the economy. Natural capital consists of stocks of natural assets - both biotic and abiotic. It includes air, water, soil, minerals, forests, coral reefs, seagrass beds, and all living things. It is from this natural capital that humans derive a wide range of goods and services, which make human life possible. The goods and services that natural capital provides, such as food, water, energy or climate regulations, are called ecosystem services. These provide people everywhere with the means for healthy lives and underpin all economic activity;	benefits to people and the economy, and consists of stocks of natural assets, both biotic and abiotic. It includes air, water, soil, minerals, forests, coral reefs, seagrass beds, and all living things, and from which humans derive a wide range of goods and services, which make human life possible;	
d. Ecosystem services - the flows of benefits, which people gain from natural ecosystems, while natural capital consists of the stock of natural ecosystems or stock of renewable and non-renewable natural resources from which these benefits flow	d. "Ecosystem services"the flows of benefits, which people gain from natural ecosystems, while natural capital consists of the stock of natural ecosystems or stock of renewable and non- renewable natural resources from which these benefits flow; and	d) Ecosystem Services refer to goods and services that natural capital provides, such as food, water, energy or climate regulations;	

a The United Nationa Custom of	a II The Linited Nationa Custom	a) United Nationa Custom of	
e. The United Nations System of	e. "The United Nations System	e) United Nations System of	
Environmental-Economic	of Environmental-Economic	Environmental-Economic	
Accounting	Accounting (SEEA)" is	Accounting (SEEA) refers to	
(SEEA) - a framework that	a framework that integrates both	the framework that integrates both	
integrates both economic and	economic and environmental	economic and environmental data	
environmental data to provide a	data to provide a more	to provide	
more comprehensive and	comprehensive and multipurpose	a more comprehensive and	
multipurpose view of the	view of the interrelationships	multipurpose view of the	
interrelationships between the	between the economy, the	interrelationships between	
economy, the environment and	environment and ecosystems,	the economy, the environment,	
ecosystems, and the stocks and	and the stocks and changes in	and ecosystems, and the stocks	
changes in stocks of natural assets,	stocks of natural assets, as they	and changes in	
as they bring benefits to humanity.	bring benefits to humanity.	stocks of natural assets, as they	
		bring benefits to humanity.	
Sec. 4. Philippine Environmental	Sec. 4. Philippine Environmental	SEC. 4. Philippine Environmental	
and Natural Capital Accounting	and Natural Capital Accounting	and Natural Capital Accounting	
System (PENCAS) A System of	System (PENCAS). — A system of	System (PENCAS) A system of	
Environmental-Economic	Environmental-Economic	Environmental-Economic	
Accounting is hereby	Accounting is hereby	Accounting is hereby	
institutionalized within the	institutionalized within the	institutionalized within the	
government bureaucracy. The	government bureaucracy. The	government bureaucracy. The	
Philippine Environmental	Philippine Environmental	Philippine Environmental	
and Natural Capital Accounting	and Natural Capital Accounting	and Natural Capital Accounting	
System (PENCAS) shall be based on	System (PENCAS) shall be based	System (PENCAS) shall be based	
the existing	on the existing	on the existing	
environmental accounting	environmental accounting	environmental accounting	
frameworks that are covered by the	frameworks that are covered by	frameworks that are covered by	
UN SEEA and are	the UN SEEA and are	the UN SEEA and are	
theoretically correct and accepted	theoretically correct and	theoretically correct and accepted	
as evaluated based on international	accepted as evaluated based on	as evaluated based on	
standards.	international standards.	international standards.	

Among others the DENCAS	Among others the DENCAS	Among others the DENCAS	
Among others, the PENCAS	Among others, the PENCAS	Among others, the PENCAS	
framework shall include a list of the	framework shall include a list of	framework shall include a list of	
officially designated statistics on the	the officially designated	the officially designated	
depreciation of natural capital,	statistics on the depreciation of	statistics on the depreciation of	
environmental protection	natural capital, environmental	natural capital, environmental	
expenditures, pollution and quality	protection expenditures,	protection expenditures,	
of land, air and sea, environmental	pollution and quality of land, air	pollution and quality of land, air	
damages, and genuine savings. It	and sea, environmental	and sea, environmental damages,	
shall conform to and expound,	damages, and genuine savings.	and genuine savings. It shall	
expand and localize the UN SEEA.	It shall conform to and expound,	conform to, and expound, expand	
A roadmap and manual for further	expand and localize the UN	and localize the UN SEEA. A	
development of these indicators for	SEEA. A roadmap and manual for	roadmap and manual for further	
each of the terrestrial (land and	further development of these	development of these indicators	
freshwater) and blue (marine)	indicators for each of the	for each of the	
economies shall be formulated.	terrestrial (land and freshwater)	terrestrial (land and freshwater)	
	and blue (marine) economies	and blue (marine) economies shall	
	shall be formulated.	be formulated.	
The draft roadmap and	The draft roadmap and	The roadmap and international	
international manuals shall be	international manuals shall be	manuals shall be customized to the	
customized to the ecosystems	customized to the ecosystems	ecosystems in the	
in the Philippine archipelago that	in the Philippine archipelago that	Philippine archipelago that support	
support the terrestrial (land and	support the terrestrial and blue	the terrestrial and blue economies.	
freshwater) and blue (marine)	economies. All these	All these data	
economies. All these data shall	data shall constitute the	shall constitute the Philippines'	
constitute the Philippines' natural	Philippines' natural capital, the	natural capital, the conservation of	
capital, the conservation of which	conservation of which shall be	which shall be paramount.	
shall be paramount.	paramount.	······	
Sec. 5. Objectives of the PENCAS	Sec. 5. Objectives of the	SEC. 5. Objectives of the PENCAS.	
The PENCAS shall supplement the	PENCAS. — The PENCAS shall	- The PENCAS shall supplement	
current	supplement the current	the	

System of National Accounts and shall have the following major functions:	System of National Accounts and shall have the following major functions:	current System of National Accounts and shall have the following major functions:	
a. To support economic- environmental policy development and decision-making;	a. To support economic- environmental policy development and decision- making;	a) To support economic- environmental policy development and decision-making:	
b. To generate the Philippine version of the UN SEEA satellite accounts covering both the Central Framework and the Ecosystem Accounts;	b. To generate the Philippine version of the UN SEEA satellite accounts covering both the Central Framework and the Ecosystem Accounts;	b) To generate the Philippine version of the UN SEEA satellite accounts covering both the Central Framework and the Ecosystem Accounts;	
c. To serve as a comprehensive data framework in the generation of PENCAS statistics; and	c. To serve as a comprehensive data framework in the generation of PENCAS statistics; and	c) To serve as a comprehensive data framework in the generation of PENCAS statistics: and	
d. To ensure that ecosystems and habitats, especially the ones in critical danger of irreparable damage, are conserved and restored, in line with the objectives and timelines of key Multilateral Environmental Agreements, including the United Nations Decade of Ecological Restoration and the 2030 Agenda for Sustainable Development.	d. To ensure that ecosystems and habitats, especially the ones in critical danger of irreparable damage, are conserved and restored, in line with the objectives and timelines of key Multilateral Environmental Agreements, including the United Nations Decade of Ecological Restoration and the 2030 Agenda for Sustainable Development.	d) To ensure that ecosystems and habitats, especially the ones in critical danger of irreparable damage, are conserved and restored, in line with the objectives and timelines of key Multilateral Environmental Agreements, including the United Nations Decade of Ecological Restoration and the 2030 Agenda for Sustainable Development.	

Section 13 (f). The NEDA Board and its instrumentalities shall ensure that PENCAS is considered in all its policy decisions and project evaluation systems. In order to ensure this, the composition of the NEDA Board shall always include the departments that generate the most crucial data on PENCAS accounts, such as the DENR and DA.	Sec. 6. National Economic and Development Authority (NEDA) as the Lead Agency NEDA shall be the lead agency in fulfilling the objectives of this Act. The NEDA and its instrumentalities shall ensure that PENCAS is considered in all its policy decisions and project evaluation systems. In order to ensure this, the composition of the NEDA Board shall always include the departments that generate the most crucial data on PENCAS accounts, such as the DENR and DA.	SEC. 6. National Economic and Development Authority (NEDA) as the Lead Agency The NEDA shall be the lead agency in fulfilling the objectives of this Act. It shall coordinate the performance of the functions of the involved agencies enumerated herein.	
Sec. 6. involvement of Government Agencies The following agencies and the concerned offices under or attached to them shall be involved in the establishment and institutionalization of the PENCAS:	Sec. 7. Involvement of Government Agencies The following government agencies and the concerned offices and bureaus under or attached to them shall be involved in the establishment and institutionalization of the PENCAS:	SEC. 7. Involvement of Government Agencies The following government agencies and the concerned offices and bureaus under or attached to them shall be involved in the establishment and institutionalization of the PENCAS:	

 a. Department of Environment and Natural Resources (DENR); b. Department of Agriculture (DA); c. Philippine Statistics Authority (PSA); d. National Economic and Development Authority (NEDA); e. Department of Energy (DOE); f. Department of Tourism (DOT); g. Department of Transportation (DOTr); h. Department of Public Works and Highways (DPWH), i. Department of Interior and Local Government (DILG); k. Department of Science and Technology (DOST); 1. Department of Human Settlements and Urban Development (DHSUD); 	 a. National Economic and Development Authority (NEDA) as the Lead Agency; b. Philippine Statistics Authority (PSA); c. Department of Environment and Natural Resources (DENR); d. Department of Agriculture (DA); e. Department of the Interior and Local Government (DILG); f. Department of Science and Technology (DOST); g. Department of Energy (DOE); h. Department of Tourism (DOT); i. Department of Public Works and Highways (DPWH); k. Department of Health (DOH); 	 a) National Economic and Development Authority (NEDA) as the Lead Agency; b) Philippine Statistics Authority (PSA); c) Department of Environment and Natural Resources (DENR); d) Department of Agriculture (DA); e) Department of Energy (DOE); f) Department of Tourism (DOT); g) Department of Transportation (DOTr); h) Department of Public Works and Highways (DPWH); i) Department of Trade and Industry (DTI) j) Department of Health (DOH); k) Department of the Interior and Local Government (DILG); l) Department of Science and Technology (DOST); 	
Settlements and Urban	and Highways (DPWH);	I) Department of Science and	
n. Other agencies, as necessary.	Development (DHSUD); and, m. Other agencies as necessary.	Development (DHSUD); and n) Other agencies as necessary	
Sec. 7. Duties of Specific Bureaus within the Agencies The following Bureaus shall have special mandates for natural capital accounting herein based on their primary functions:			

a. Bureau of Fisheries and Aquatic Resources;			
b. Bureau of Soils and Water Management;			
c. All Bureaus of the DENR,			
including the National Mapping and			
Resource Information Authority			
(NAMRIA), and National Water			
Resources Board (NWRB);			
d. National Renewable Energy			
Board (NREB);			
e. Research and Development			
Institutes and Science and Technology Services of the DOST;			
f. Philippine Coconut Authority			
(PCA);			
g. Philippine Rice Research Institute			
(PhilRice);			
h. National Irrigation Administration			
(NIA);			
i. Philippine Atmospheric,			
Geophysical and Astronomical			
Services			
Administration (PAGASA); and			
j. Philippine Institute of Volcanology			
and Seismology; (PHIVOLCS) Sec. 8. Creation of the Natural	Sec. 8. Creation of the Natural	SEC. 8. Creation of the Natural	
Capital Units Natural Capital units	Capital Units Natural Capital	Capital Units Natural Capital	
shall be created within the	units shall be created within the	Units shall be created within the	
organizational structure of the	organizational structure of the	organizational structure of the	
DENR, DA, PSA, NEDA, DOE, DOT,	NEDA, PSA, DENR, DA, DOE,	NEDA, PSA, DENR, DA, DOE, DOT,	
DOTr, DPWH, DTI, DOH, DILG,	DOT, DOTr, DPWH, DTI, DOH,	DOTr, DPWH, DTI, DOH, DILG,	

DOST, DHSUD, and other agencies	DILG, DOST, DHSUD, and other	DOST, DHSUD, and other agencies	
as necessary.	agencies as necessary.	as necessary.	
The head of the Natural Capital	The head of the Natural Capital	The head of the Natural Capital	
Units in the foregoing government	Units in the foregoing	Units in the foregoing government	
agencies should be a Division Chief	government agencies should be	agencies shall	
or higher level. The Department	at a Division Chief or higher	be a Division Chief or higher. The	
Head shall designate existing	level. The Department Head shall	head of the agency shall designate	
personnel within the Department or	designate existing personnel	existing	
hire new ones within its budget to	within the Department or hire	personnel within the agency or	
operate its Natural Capital Unit.	new ones within its budget to	hire new ones within its budget to	
	operate its Natural Capital Unit.	operate its Natural Capital Unit.	
Sec. 9. Staffing Pattern for Natural	Sec. 10. Staffing Pattern for	SEC. 10. Staffing Pattern for	
Capital Units The agencies	Natural Capital Units The	Natural Capital Units The	
concerned shall, as much as	agencies concerned shall, as	agencies concerned	
practicable, utilize existing qualified	much as practicable, utilize	shall, as far as practicable, utilize	
employees for staffing the Natural	existing qualified employees for	existing qualified employees for	
Capital Units. In case, however, of	staffing the Natural Capital Units.	staffing the Natural	
a lack of qualified employees who	In case, however, of the lack of	Capital Units. In case, however, of	
have the skills and capabilities	qualified employees who have	the lack of qualified employees	
required for the functions of the	the skills and capabilities	who have the skills and capabilities	
Units, the concerned agency shall	required of the functions of the	required of the functions of the	
be allowed to include new plantilla	Units, the concerned agency shall		
items in accordance with the	be allowed to include new	be allowed to include new plantilla	
prescribed procedures therefor.	plantilla items in accordance with	items, subject to the approval of	
	the prescribed procedures	the Department of Budget and	
	therefore.	Management (DBM) and in	
		accordance with the rules and	
		regulations of the Civil Service	
		Commission (CSC).	

Sec. 10. Functions of the Philippine Statistics Authority (PSA) The Natural Capital Unit at the PSA shall have a pivotal role in the implementation of the PENCAS:	Sec. 12. Functions of the Philippine Statistics Authority (PSA). — The Natural Capital Unit at the PSA shall have a pivotal role in the implementation of the PENCAS:	SEC. 12. Functions of the PSA The Natural Capital Unit at the PSA shall:	
a. Compile and collate PENCAS	a. Compile and collate PENCAS	a) Compile and collate PENCAS	
Accounts, and study and formulate	Accounts, and study and	accounts, and study and formulate	
viable approaches and	formulate viable approaches and	viable approaches and	
methodologies for the PENCAS;	methodologies for the PENCAS;	methodologies for the PENCAS;	
b. Formulate templates, guidelines, and digital aids to ensure that all units, especially local governments, generating PENCAS data do so in a manner that can be efficiently consolidated, compared and analyzed, and ensure public accessibility for these tools;	b. Formulate templates, guidelines and digital aids to ensure that all units, especially local government, generating PENCAS data do so in a manner that can be efficiently consolidated, compared and analyzed, and ensure public accessibility for these tools;	b) Formulate templates, guidelines and digital aids to ensure that all units, especially local governments, generating PENCAS data do so in a manner that can be efficiently consolidated, compared and analyzed, and ensure public accessibility for these tools;	
c. Explore ways and means to	c. Explore ways and means to	c) Explore ways and means to	
modify and improve current	modify and improve current	modify and improve current	
environmental and economic	environmental and economic	environmental and	
statistics, in coordination with the	statistics, in coordination with the	economic statistics, in coordination	
concerned data producers and	concerned data producers and	with the concerned data producers	
users, including those in the	users, including those in the	and users, including those in the	
academe, private sector, and	academe, private sector, and	academe, private sector, and non-	
non-governmental organizations;	non-governmental organizations;	governmental organizations:	

d. Include natural resource and	d. Include natural resource and	d) Include natural resource and	
environment-related questions in	environment-related questions in	environment-related questions in	
the PSA's	the PSA's census and surveys,	the PSA's census and surveys,	
census and surveys, such as, but	such as, but not limited to.	such as, but not limited to. Census	
not limited to. Census of	Census of Establishments, Annual	of Establishments, Annual	
Establishments, Annual Survey of	Survey of Philippine Business and	Survey of Philippine Business and	
Philippine Business and Industry,	Industry, Family Income and	Industry, Family Income and	
Family Income and Expenditure	Expenditure Survey, Labor Force	Expenditure Survey, Labor Force	
Survey, Labor Force Survey, Survey	Survey, Survey on Tourism	Survey, Survey on Tourism	
on Tourism Establishments, Surveys	Establishments, Surveys of	Establishments, Surveys of	
of Household and Establishment	Household and Establishment	Household and Establishment	
Energy Consumption, Fisheries and	Energy Consumption, Fisheries	Energy Consumption, Fisheries and	
Aquaculture Surveys, Agriculture,	and Aquaculture	Aquaculture Surveys, Agriculture,	
Livestock	Surveys, Agriculture, Livestock	Livestock and Poultry Surveys, and	
and Poultry surveys, Community-	and Poultry surveys. Community	Community Based Monitoring	
Based Monitoring System, and any	Based Monitoring System, and	System;	
surveys these may change into or	any surveys these may change		
be added to them.	into or added to them;		
e. Collect data up to the fourth-digit	e. Collect data up to the fourth-	e) Collect data up to the fourth-	
level of the Philippine Standard for	digit level of the Philippine	digit level of the Philippine	
Industrial Classification, particularly	Standard for Industrial	Standard for Industrial	
for data needed in the ocean	Classification particularly for data	Classification particularly for data	
accounts, and update the Input-	needed in the ocean accounts,	needed in the ocean accounts;	
Output and Supply and Use tables	and update the Input-Output and		
regularly.	Supply and Use tables regularly;		
f. Develop a satellite account for	f. Develop a satellite account for	f) Develop a satellite account for	
the oceans, including ocean-based	the oceans, including ocean-	the oceans, including ocean-based	
and ocean-related economic	based and ocean related	and oceanrelated economic	
activities or sectors, coastal and	economic activities or sectors,	activities or sectors, coastal and	
marine ecosystems (e.g.	coastal and marine ecosystems	marine ecosystems (e.g.,	

mangroves, seagrass, coral reefs, tidal flats, etc.), and marine water quality;	(e.g., mangroves, seagrass, coral reefs, tidal flats, etc.), and marine water quality;	mangroves, seagrass, coral reefs, tidal flats, etc.), and marine water quality;	
g. Enhance the water accounts to include both water resources (quantity) and water quality for surface water and groundwater (water asset account) and water supply and use account, including water supply in relation to climate trends or extreme climatic events in coordination with DENR (Environmental Management Bureau and National Water Resources Board), and DPWH (Bureau of Research and Standards);	g. Enhance the water accounts to include both water resources (quantity), water quality for surface water and groundwater (water asset account), and water supply and use account, including water supply in relation to climate trends of extreme climatic events in coordination with DENR and its Environmental Management Bureau and National Water Resources Board, and DPWH and its Bureau of Research and Standards;	g) Enhance the water accounts to include both water resources (quantity), water quality for surface water and groundwater (water asset account), and water supply and use account, including water supply in relation to climate trends of extreme climatic events in coordination with DENR and its Environmental Management Bureau (EMB) and National Water Resources Board (NWRB), and DPWH and its Bureau of Research and Standards;	
h. Update the Input-Output tables regularly, incorporating the PENCAS accounts; and;	h. Update the Input-Output table regularly, incorporating the PENCAS accounts; and,	h) Update the Input-Output table regularly, incorporating the PENCAS accounts; and	
i. Serve as a repository of all PENCAS-related data and materials through the National Statistical Information Center and make the PENCAS data available on the PSA website;	i. Serve as a repository of all PENCAS-related data and materials through the National Statistical Information Center and make the PENCAS data available on the PSA website.	i) Serve as a repository of all PENCAS-related data and materials through the National Statistical Information Center and make the PENCAS data available on the PSA website.	

Sec. 11. Natural Capital Units at	Sec. 9. Natural Capital Units at	SEC. 9. Natural Capital Units at	
National Agencies The Natural	National Agencies. — The Natural	National Agencies The Natural	
Capital Units at the DENR, DA,	Capital Units at the NEDA, PSA,	Capital Units at the NEDA, PSA,	
NEDA, DILG, DOE, DOT, DOTr,	DENR, DA, DOE, DOT, DOTr,	DENR, DA, DOE, DOT, DOTr,	
DPWH, DTI, DOH, DILG, DOST,	DPWH, DTI, DOH, DILG, DOST,	DPWH, DTI, DOH, DILG,	
and DHUSD shall:	DHSUD shall:	DOST, and DHSUD shall:	
a. Develop and apply, with its various offices, attached agencies, GOCCs, and beneficiaries, the data collection, development and compilation of resource or natural asset and ecosystem service accounts, environment and emission accounts and ocean accounts, relevant to each agency's mandates, and formulate viable data development approaches and methodologies in coordination with PSA;	a. Develop and apply, with its various offices, attached agencies, GOCCs and beneficiaries, the data collection, development and compilation of resource or natural asset and ecosystem service accounts, environmental and emission accounts and ocean accounts, relevant to each agency's mandates, and formulate viable data development approaches and methodologies in coordination with PSA;	a) Develop and apply, with its various offices, attached agencies, GOCCs and beneficiaries, the data collection, development and compilation of resource or natural asset and ecosystem service accounts, environmental and emission accounts, and ocean accounts, relevant to each agency's mandates, and formulate viable data development approaches and methodologies in coordination with PSA;	
b. Collaborate with the science	b. Collaborate with the science	 b) Collaborate with the science	
community in conducting studies	community in conducting studies	community in conducting studies	
and research in support of policy	and research in support of policy	and research in support of policy	
development related to PENCAS;	development related to PENCAS;	development related to PENCAS;	
c. Ensure that sustainable	c. Ensure that sustainable	c) Ensure that sustainable	
development principles, especially	development principles,	development principles, especially	
regenerative	especially regenerative resource	regenerative	

resource use/resource conservation and climate and environmental and indigenous biodiversity considerations, are integrated into all its bureaus and offices and in their policy, national and project planning, and implementation based on PENCAS results; and Strengthen its statistical capabilities, especially regulatory monitoring, to provide environmental and natural resources data and accounts to other national government agencies, local government units, private sector, civil society, and other data users;resource use, resource use, resource conservation and cimate, environmental and and indigenous biodiversity considerations, are integrated in all its bureaus and offices and in their policy, national and project planning and implementation based on PENCAS results; and strengthen its statistical capabilities, especially regulatory monitoring to provide environmental and natural resources data and accounts to other national government usprivate sector, civil society, and other data users;d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Sea and the Philippine Rise;d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Sea and the Philippine Rise; and Rise;d. Prioritize the dat				
society, and other data users;other data users;and other data users;d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d) Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d) Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d) Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise;d) Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Rise; and	and climate and environmental and indigenous biodiversity considerations, are integrated into all its bureaus and offices and in their policy, national and project planning, and implementation based on PENCAS results; and Strengthen its statistical capabilities, especially regulatory monitoring, to provide environmental and natural resources data and accounts to other national government agencies, local government units,	climate, environmental and indigenous biodiversity considerations, are integrated in all its bureaus and offices and in their policy, national and project planning and implementation based on PENCAS results; and strengthen its statistical capabilities, especially regulatory monitoring to provide environmental and natural resources data and accounts to other national government agencies, local government units,	conservation and climate, environmental and indigenous biodiversity considerations, are integrated in all its bureaus and offices and in their policy, national and project planning and implementation based on PENCAS results; and strengthen its statistical capabilities, especially regulatory monitoring to provide environmental and natural resources data and accounts to other national government agencies, local government units	
e. Institutionalize open data for the e. Institutionalize open data for e) Institutionalize open data for studies and research in support of the studies and research in the studies and research in	 society, and other data users; d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise; e. Institutionalize open data for the 	 other data users; d. Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise; e. Institutionalize open data for 	 and other data users; d) Prioritize the data generation for the PENCAS accounts for the blue economy, particularly for areas of national patrimony most in danger of exploitation and appropriation, such as the West Philippine Sea and the Philippine Rise; and e) Institutionalize open data for 	

		related to PENCAS.	
The DILG shall assist the local governments in building capacity and performing the above functions as far as they are able in order to build their own PENCAS accounts. It shall also consolidate local government data and statistics and compare these with the national accounts as generated by the other agencies.	The DILG shall assist the local governments in building capacity and performing the above functions as far as they are able in order to build their own PENCAS accounts. It shall also consolidate local government data and statistics and compare these with the national accounts as generated by the other agencies.	The DILG shall assist the LGUs in building capacity and performing the above functions as far as they are able in order to build their own PENCAS accounts. It shall also consolidate local government data and statistics and compare these with the national accounts as generated by the other agencies.	
Sec. 12. Duties of Specific Bureaus within the Agencies The following Bureaus shall have special mandates for natural capital accounting herein based on their primary functions:			
 a. Bureau of Fisheries and Aquatic Resources b. Bureau of Soils and Water Management c. All Bureaus of the DENR, especially the National Mapping and Resource Information Authority (NAMRIA) d. National Renewable Energy Board (NREB) 			

e. Research and Development Institutes and Science and Technology Services of the DOST; f. Philippine Coconut Authority (PCA); g. Philippine Rice Research Institute (PhilRice); h. National Irrigation Administration (NIA); i. National Water Resources Board (NWRB); j. Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA); and k. Philippine Institute of Volcanology and Seismology (PHIVOLCS)			
Sec. 13. Functions of the National Economic Development Authority and the NEDA Board The Natural Capital Unit at the NEDA shall:	Sec. 11. Functions of the National Economic Development Authority and the NEDA Board The National Capital Unit at the NEDA shall:	SEC. 11. Functions of the NEDA- The Natural Capital Unit at the NEDA shall:	
a. Coordinate the conduct of consultations, orientations, trainings, and seminars on the PENCAS and its implementation for the national government agencies, local government units, and other concerned institutions as well as on request by the private sectors and	a. Coordinate the conduct of consultations, orientations and training seminars on the PENCAS and its implementation for the national government agencies, local government units and other concerned institutions as well as on request by the private sectors	a) Coordinate the conduct of consultations, orientations, and training seminars on the PENCAS and its implementation for the national government agencies, LGUs, and other concerned institutions, as well as the private	

civil society organizations, upon their request;	and civil society organizations, upon their request;	sector and civil society organizations, upon their request;	
b. Coordinate the conduct of studies and research in support of policy development related to PENCAS and provide training for non-governmental entities on generating natural capital data and statistics;	b. Coordinate the conduct of studies and research in support of policy development related to PENCAS and provide training for non-governmental entities on generating natural capital data and statistics;	b) Coordinate the conduct of studies and research in support of policy development related to PENCAS and provide training for non-governmental entities on generating natural capital data and statistics:	
c. Establish a mechanism for integration of environmental and regenerative resource conservation considerations in national, regional, local and sectoral planning, policy, project development, and implementation based on PENCAS results, particularly assuring that legally extracted resources and energy are sufficient for the plans for their sustainable use;	c. Establish a mechanism for integration of environmental and regenerative resource conservation considerations in national, regional, local and sectoral planning, policy, project development and implementation based on PENCAS results, particularly assuring that legally extracted resources and energy are sufficient for the plans for their sustainable use;	c) Establish a mechanism for integration of environmental and regenerative resource conservation considerations in national, regional, local and sectoral planning, policy, project development and implementation based on PENCAS results, particularly assuring that legally extracted resources and energy are sufficient for the plans for their sustainable use;	
d. Formulate and update indicators on the economy-environment interactions and regenerative and sustainable development indices;	d. Formulate and update indicators on the economy- environment interactions and 18 regenerative and sustainable development indices	d) Formulate and update indicators on the economy-environment interactions and regenerative and sustainable development indices; and	

 e. Provide technical services to the (i) Presidential Commission on Natural Capital, (ii) Development Budget Coordination Committee (DBCC) for the integration of environment, ecosystems, natural capital, and climate change in macroeconomic planning and allocation of expenditures and capital outlays, 	e. Provide technical services to the i. Development Budget Coordination Committee (DBCC) for the integration of environment, ecosystems, natural capital, and climate change in macroeconomic planning and allocation of expenditures and capital outlays;	e) Provide technical services to the (i) Development Budget Coordination Committee (DBCC) for the integration of environment, ecosystems, natural capital, and climate change in macroeconomic planning and allocation of expenditures and capital outlays;	
(iii) Investments Coordinating Committee that would review the completeness of project-evaluation and ensure that it is inclusive of economic benefits and costs, sources of proposed natural resources, risks and uncertainty due to climate change, natural capital, environmental, biodiversity and social safeguards, justification of use if nonrenewable resource, and matching of natural capital supply and demand, and	ii. Investments Coordinating Committee that would review completeness of project- evaluation and ensure that it is inclusive of economic benefits and costs, sources of proposed natural resources, risks and uncertainty due to climate change, natural capital, environmental, biodiversity and social safeguards, justification of use of non-renewable resource, and matching of natural capital supply and demand; and,	(ii) NEDA Investments Coordinating Committee (ICC) that would review completeness of project evaluation and ensure that it is inclusive of economic benefits and costs, sources of proposed natural resources, risks and uncertainty due to climate change, natural capital, environmental, biodiversity and social safeguards, justification of use of non- renewable resource, and matching of natural capital supply and demand; and	
(iv) any Task Forces or deputized or contracted entities, which the Presidential Commission on Natural Capital may create or partner with	iii. any Task Forces or deputized or contracted entities, which may create or partner with for the coordinated functioning of the	(iii) any Task Force/s or entities which may be created for the coordinated functioning of the	

for the coordinated functioning of	data-gathering agencies and	data-gathering agencies and	
the data-generating agencies and	quality decision-making	quality decision-making.	
quality decision-making; and			
Sec. 14. Data and Research	Sec. 14. Data and Research	SEC. 14. Data and Research	
Support The PSA, in coordination	Support The PSA, in	Support The PSA shall, in	
with the involved agencies, shall	coordination with the involved	coordination with	
designate the required environment	agencies, shall designate the	the involved agencies, designate	
and economic statistics in the	required environment and	the required environment and	
agencies and bureaus that shall be	economic statistics in the	economic statistics in	
responsible for generating such	agencies and bureaus that shall	the agencies and bureaus that	
data. The Department of Budget	be responsible for generating	shall be responsible for generating	
and Management (DBM) shall	such data. The Department of	such data. The DBM	
ensure that such research and data	Budget and Management (DBM) shall ensure that such research	shall ensure that such research	
management are supported to		and data management are	
prevent government spending that would unduly compromise PENCAS	and data management are supported so as to prevent	supported to prevent government spending that would	
accounts and ecosystem services or	government spending that would	unduly compromise PENCAS	
the deterioration of the national	unduly compromise PENCAS	accounts and	
patrimony.	accounts and ecosystem services	ecosystem services.	
	or the deterioration of the		
	national patrimony.		
Sec. 15. Creation of the Presidential			
Commission on Natural Capital			
Accounting A			
commission is hereby created to			
ensure the fulfillment of the			
objectives of this law and			
coordinate the performance of the			
functions of the agencies			
enumerated. It shall have			
the following composition:			

a. The President or his appointee to the Commission as Chair; b. An Economic statistician c. An Environment and Natural Resources Economist d. A Terrestrial ecologist who shall ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that the Official can wall are at the			
b. An Economic statistician c. An Environment and Natural Resources Economist d. A Terrestrial ecologist who shall ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that			
c. An Environment and Natural Resources Economist d. A Terrestrial ecologist who shall ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committes and technical requirements of the departments and their Natural Capital Units. It shall ensure that			
Resources Economist d. A Terrestrial ecologist who shall ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	b. An Economic statistician		
d. A Terrestrial ecologist who shall ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	c. An Environment and Natural		
ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	Resources Economist		
ALSO cover freshwater ecosystems; e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	d. A Terrestrial ecologist who shall		
e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanet inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	ALSO cover freshwater		
e. A Marine ecologist who shall cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission - The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanet inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	ecosystems;		
cover coastal and marine ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from impointed by the President from nominations by the agencies or civil society conglomerations. society conglomerations. impointed by the Commission shall provide directions Sec. 16. Functions of the Commission The Commission shall provide directions implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural capital Units. It shall ensure that			
ecosystems; f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	-		
f. An Environmental Lawyer; All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	ecosystems;		
All Commissioners shall be appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that			
appointed by the President from nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	, ,		
nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	All Commissioners shall be		
nominations by the agencies or civil society conglomerations. Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	appointed by the President from		
society conglomerations.Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure thatImage: Capital Capita			
Sec. 16. Functions of the Commission The Commission shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that			
shall provide directions for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that			
for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	Commission The Commission		
for the coordinated functioning and implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	shall provide directions		
implementation of the Natural Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	•		
Capital Units. It shall create ad-hoc or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	-		
or permanent inter-agency committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	•		
committees and task forces that will support the data and technical requirements of the departments and their Natural Capital Units. It shall ensure that	•		
requirements of the departments and their Natural Capital Units. It shall ensure that			
requirements of the departments and their Natural Capital Units. It shall ensure that	support the data and technical		
and their Natural Capital Units. It shall ensure that	• •		
	Capital Units. It shall ensure that		
	the Officials, as well as other		
instrumentalities of government,			
have access to PENCAS data and	5		

endeavor to ensure that such data are used in policy and decision- making, taking care, however, that there are security measures to prevent poaching or any foreign intrusion that could impact our utilization and enjoyment of our natural resources.			
The designated Undersecretary level officials in charge of policy and planning in their agencies shall represent the member agencies for DENR, DA, DOE, DOT, DOTr, DPWH, DOST, DTI, DILG, DOH, DHUSD, NEDA, and PSA in all technical working groups constituted by the Commission.			
The Commission shall compile existing surveys and data generation activities of all government agencies to ensure that the information needed for generating the accounts are efficiently captured, including but not limited to existing physical			
Sec. 17. Government Planning Mechanisms and the Environmental Impact Assessment System In all	Sec. 15. Government Planning Mechanisms and the Environmental Impact	SEC. 15. Government Planning Mechanisms and the Environmental Impact	

government planning,	Assessment System In all	Assessment System In all	
considerations of PENCAS shall be		-	
included. In the Environmental	government planning, considerations of PENCAS shall	government planning, considerations of PENCAS shall	
Impact Assessment System, the	be included. In the	be included. In the Environmental	
DENR shall ensure that the natural	Environmental Impact	Impact Assessment System, the	
environment, ecosystem services,	Assessment System, the DENR	DENR shall ensure	
and natural capital are framed as	shall ensure that the natural	that the natural environment,	
opportunities, benefits or assets as	environment, ecosystem services	ecosystem services, and natural	
opposed to being merely a	and natural capital are framed as	capital are framed as	
constraint or backdrop to absorb	opportunities, benefits or assets	opportunities, benefits, or assets	
impacts. The Commission shall	as opposed to being merely a	as opposed to being merely a	
ensure a wide availability of tools,	constraint or backdrop to absorb	constraint or backdrop	
methods and skills that can support	impacts. The Commission shall	to absorb impacts. The NEDA and	
the consideration of ecosystem	ensure a wide availability of	the DENR shall ensure a wide	
services as part of the	tools, methods and skills that can	availability of tools,	
Environmental Impact Assessment	support the consideration of	methods, and skills that can	
and ensure the inclusion of such in	ecosystem services as part of the	support the consideration of	
the development of the	Environmental Impact	ecosystem services as part	
Implementing Rules and	Assessment and ensure the	of the Environmental Impact	
Regulations (IRR), further including	inclusion of such in the	Assessment and ensure the	
in such rules accounting for	development of the	inclusion of such in the	
activities that may degrade the	Implementing Rules and	development of the Implementing	
natural capital considerably despite	Regulations (IRR), further	Rules and Regulations (IRR),	
not being under the coverage of	including in such rules	further including in	
the Philippine EIS System.	accounting for activities that may	such rules accounting for activities	
	degrade the natural capital	that may degrade the natural	
	considerably despite not being	capital considerably	
	under the coverage of the	despite not being under the	
	Philippine EIS System.	coverage of the Philippine	
		5 11	
		•	
		Environmental Impact Statement (EIS) System.	

Sec. 18. Role of the Local	Sec. 13. Role of the Local	SEC. 13. Role of Local Government	
Government Units In their	Government Units In the	Units In the planning and local	
planning and local legislation	planning and local legislation	legislation duties, the LGUs shall	
duties, local governments shall	duties, local governments shall	endeavor to create and populate	
endeavor to create and populate	endeavor to create and populate	PENCAS accounts,	
PENCAS accounts, in compliance	PENCAS accounts, in compliance	in compliance with templates and	
with templates and guidelines from	with templates and guidelines	guidelines from the PSA and DILG,	
the PSA and DILG, and in addition,	from the PSA and DILG, and in	and in addition, employ other	
employ other innovative measures	addition, employ other innovative	innovative measures and methods	
and methods of resource valuation,	measures and methods of	of resource valuation, damage	
damage estimation, ecosystem	resource valuation, damage	estimation, ecosystem services and	
services and natural capital	estimation, ecosystem services	natural capital accounting to	
accounting to highlight their	and natural capital accounting to	highlight their ecological	
ecological competitive edge.	highlight their ecological	competitive edge.	
	competitive edge.		
Sec. 19. PENCAS in the Educational	Sec. 16. PENCAS in the	SEC. 16. PENCAS in the	
System The Department of	Educational System The	Educational System The	
Education (DepEd) shall cause the	Department of Education	Department of Education	
crafting of modules in all levels of	(DepEd), Commission on Higher	(DepEd), Commission on Higher	
the formal and non-formal	Education (CHED) and	Education (CHED), and	
education spheres to ensure that all	Professional Regulation	Professional Regulation	
citizens, and especially the	Commission (PRC) shall lead in	Commission (PRC) shall lead in	
academe, are able to help change	mainstreaming PENCAS in all	mainstreaming PENCAS in all	
the definition of economic success	relevant modules, courses,	relevant modules,	
towards defining wealth inclusively,	curriculum, training and licensure	courses, curriculum, training, and	
to generate, analyze and use the	examination. They may establish	licensure examination. They may	
PENCAS to its maximum effect and	partnerships with different	establish partnerships with	
assess the systemic extent of	educational institutions and	different educational institutions	
nature-related financial risk. The	private entities for learning and	and private entities for learning	
CHED shall include PENCAS in all	development in forms of	and development in forms of	
curricula and the DepEd shall	resource sharing, module and	resource sharing, module and	
ensure that PENCAS is incorporated	training development, standards	training development, standards	

in current courses on these subjects with the objective of generating credible, decision-grade data, which government, businesses and financial institutions and civil society can use to fully integrate nature-related considerations into their decision-making and assess and disclose their use of and impact on nature.	development, and other similar forms.	development, and other similar forms.	
The Professional Regulation Commission (PRC) shall ensure that PENCAS is included in all professional examinations.			
Sec. 20. Rights of Nature Nothing in this Act shall be construed to mean that nature has no intrinsic value separate and distinct from its economic value, or that it loses interdependencies and pricelessness by such valuation. Whenever data or accounts tend to show that the valuation of ecosystems or discrete and identified lifesupport mechanisms will commodify and or degrade them, any citizen is authorized	Sec. 18. Rights of Nature Nothing in this Act shall be construed to mean that nature has no intrinsic value separate and distinct from its economic value, or that it loses interdependencies and pricelessness by such valuation. Whenever data or accounts tend to show that valuation of ecosystems or discrete and identified life support mechanisms will commodify and/or degrade them, any citizen is authorized to submit a registration to the Commission	SEC. 18. Rights of Nature Nothing in this Act shall be construed to mean that nature has no intrinsic value separate and distinct from its economic value, or that it loses interdependencies and pricelessness by such valuation. Whenever data or accounts tend to show that valuation of ecosystems or discrete and identified lifesupport mechanisms will commodify and/or degrade them, any citizen is authorized to submit a registration to the NEDA for the latter's	

to submit a registration to the Commission for the latter's recognition of such intrinsic value and the right of such ecosystem or mechanism to exist and maintain its integrity, which registration the Commission is required to accept. The generated data and accounts can still be used but only for the purpose of the recognition of such rights rather than for commodification or ecologically unacceptable trade-offs.	such intrinsic value and the right of such ecosystem or mechanism to exist and maintain its integrity, which registration the Commission is required to accept. The generated data and accounts can still be used but only for the purpose of the recognition of such rights rather than for commodification or ecologically unacceptable trade- offs.	recognition of such intrinsic value and the right of such ecosystem or mechanism to exist and maintain its integrity, which registration the NEDA is required to accept. The generated data and accounts can still be used but only for the purpose of the recognition of such rights rather than for commodification or ecologically unacceptable trade-offs.	
Sec. 21. Participatory Mechanisms and Citizen Remedies Each Natural Capital Unit shall institute consultative mechanisms, mass collaboration measures, and digital comment and recommendation solicitations to effectively popularize PENCAS and ensure wide comprehensibility and usage of the accounts.	Sec. 17. Participatory Mechanisms and Citizen Remedies Each Natural Capital Unit shall institute consultative mechanisms, mass collaboration measures and digital comment and recommendation solicitations to effectively popularize PENCAS and ensure wide comprehensibility and usage of the accounts.	SEC. 17. Participatory Mechanisms and Citizen Remedies Each Natural Capital Unit shall institute consultative mechanisms, mass collaboration measures and digital comment and recommendation solicitations to effectively popularize PENCAS and ensure wide comprehensibility and usage of the accounts.	
Any citizen shall have to right to information on any accounts generated under this Act, have the standing to compel the performance of any of the mandates under	Any citizen shall have the right to information on any accounts generated under this Act, have the standing to compel the performance of any of the	Any Filipino citizen shall have: a) the right to information on any accounts generated under this Act;	

this Act, and seek justification from any government agency who may have ignored or neglected PENCAS data in their policy or decision- making. Major PENCAS accounts, results on nature's wealth and the economic value of ecosystem services shall be released along with all releases of national economic data, such as GNI, GDP and other often-released measures of the state of the country's economic health and highlight the contribution of resources and ecosystems to the economy, incomes and employment.	mandates under this Act, and seek justification from any government agency who may have ignored or neglected PENCAS data in their policy or decision-making. Major PENCAS accounts, results on nature's wealth and the economic value of ecosystem services shall be released along with all releases of national economic data, such as GNP, GDP and other often- released measures of the state of the country's economic health, and highlight the contribution of resources and ecosystems to the economy, income, and employment.	 b) the standing to compel the performance of any of the mandates under this Act; and c) the right to seek justification from any government agency who may have ignored or neglected PENCAS data in their policy or decision-making. Major PENCAS accounts, results on nature's wealth and the economic value of ecosystem services shall be released along with all releases of national economic data, such as GNP, GDP, and other similar indicators of economic condition, and highlight the contribution of resources and ecosystems to the economy, income, and employment. 	
Sec. 22. Appropriations The	Sec. 19. Appropriations The	SEC. 19. Appropriations The	
creation and initial funding of the	amount necessary to implement	amount necessary to implement	
Commission shall be Two Hundred	this Act shall be sourced from the	this Act shall be sourced from the	
Million Pesos (Php 200,000,000.00)	excesses in funds, such as the	excesses in funds, such as the	
to be sourced from excesses	funds under Republic Act 9147,	funds under Republic Act No.	
in funds, such as, the funds under	otherwise known as the "Wiidiife	9147, otherwise known as the	
RA 9147, RA 8749 and similar	Resources Conservation and	"Wildlife Resources Conservation	
special accounts, especially the	Protection Act', Republic Act	and Protection Act,"	
ones that have remained dormant.	8749, otherwise known as the	Republic Act No. 8749, otherwise	
Two Billion Pesos (Php	"Philippine dean Air Act', and	known as the "Philippine Clean Air	

2,000,000,000.00) shall be apportioned by the Department of Budget and Management for the performance of agency functions required herein for the generation	similar special accounts, especially the ones that have remained dormant.	Act," and similar special accounts, especially the ones that have remained dormant.	
of data through expeditions and scientific investigations in the terrestrial/freshwater and marine disciplines. Eight Hundred Million Pesos (Php 800,000,000.00) shall be apportioned to the agencies for the creation and improvement of their Natural Capital Units. The apportionment and allocations shall be based on the plan and priorities decided by the Commission in coordination with the agencies performing the functions. These shall be included in the budget preparation of each agency to be incorporated in the annual general appropriations act under separate fund items.	The allocations shall be based on the plan and priorities decided by the NEDA, in coordination with the agencies performing the functions. These shall be included in the budget preparation of each agency to be incorporated in the annual General Appropriations Act under separate fund items.	The allocations shall be based on the plan and priorities decided by the NEDA, in coordination with the agencies performing the functions. These shall be included in the budget preparation of each agency to be incorporated in the annual General Appropriations Act under separate fund items.	
Sec 23. Implementing Rules and Regulations (IRR)The Commission shall constitute an interagency working group to craft the IRR and is hereby given the authority to adopt such IRR, the adoption of which shall constitute its inclusion as part of the	Sec. 20. Implementing Rules and Regulations (IRR) - The NEDA, in consultation and coordination with appropriate national government agencies, civil society organizations, private sector and other stakeholders, shall promulgate the IRR for the effective implementation of this	SEC. 20. Implementing Rules and Regulations (IRR) Within ninety (90) days from the effectivity of this Act, the NEDA shall, in consultation and coordination with appropriate national government agencies, civil society organizations, private	

administrative rules and regulations of all members of the Committee.	Act no later than one hundred eighty (180) days upon the effectivity of this Act.	sector, and other stakeholders, promulgate the IRR for the effective implementation of this Act.	
Sec. 24. Separability Clause If any provision of this Act is declared unconstitutional or otherwise invalid, the validity of the other provisions shall not be affected thereby.	Sec. 21. Separability ClauseIf any part or provision of this Act is declared invalid or unconstitutional, the other parts hereof not affected thereby shall remain in full force and effect.	SEC. 21. Separability Clause Should any provision of this Act or part hereof be declared unconstitutional, the other provisions or parts not affected thereby shall remain valid and effective.	
Sec. 25. Repealing Clause All other laws, decrees, orders, rules and regulations, other issuances, or parts thereof inconsistent with the provisions of this Act are hereby repealed or modified accordingly.	Sec. 22. Repealing Clause Any law, presidential decree or issuance, executive order, letter of instruction, administrative order, rule, or regulation contrary to or inconsistent with the provisions of this Act are hereby repealed, modified, or amended accordingly.	SEC. 22. Repealing Clause All laws, decrees, orders, and issuances, or portions thereof, which are inconsistent with the provisions of this Act, are hereby repealed, amended, or modified accordingly.	
Sec. 26. Effectivity This Act shall take effect fifteen (15) days after itspublication in the Official Gazette or in a newspaper of general circulation.	Sec. 23. Effectivity This Act shall take effect fifteen (15) days after its publication either in the Official Gazette or in two (2) newspapers of general circulation in the Philippines.	SEC. 23. Effectivity This Act shall take effect fifteen (15) days after its complete publication in the Official Gazette or in a newspaper of general circulation.	
Approved,	Approved,	Approved,	