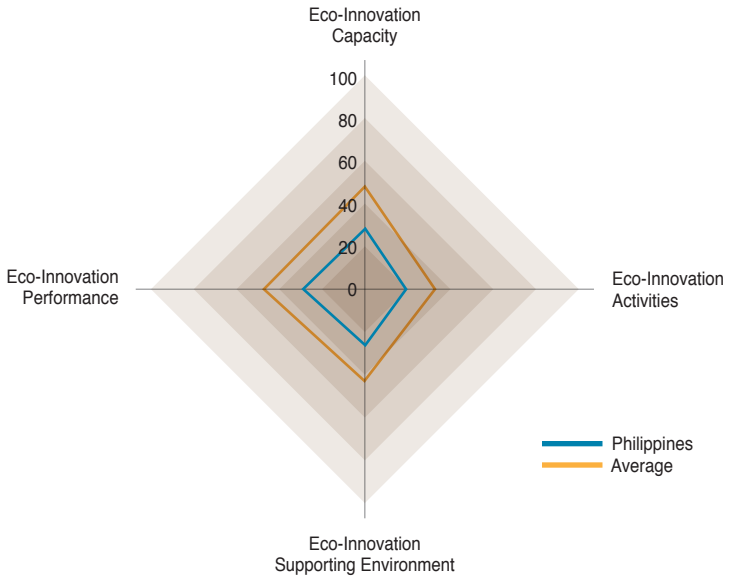
Philippines



	Philippines	Average
Capacity	29	49
Supporting Environment	26	42
Activities	20	35
Performance	30	46

Fig 31. ASEI Result: Philippines

Philippines's Eco-Innovation Quantitative Analysis

According to the ASEI 2013, Philippines's overall score is lower than (Philippines: 26/100, Average: 43/100) the average national score when compared to other twenty four ASEM member countries evaluated by the ASEI.

- *"Eco-Innovation Capacity" criteria score falls below average:* all indicators included in this criterion show lower scores than average figures. Specifically Country's General Innovation Capacity and Green Technology possessed/acquired Firms indicators represent considerably low figures.
- *"Eco-Innovation Supporting Environment" criteria score is below average:* Implementation of Environmental Regulations and Maturity of Investment Setting for Green Technology Industry indicators score lower than the average.
- *"Eco-Innovation Activities" criteria score is below average:* Commercialization Level of Green Technology and Economic Influence of Leading Environmentally Responsive Firms indicators score significantly low.
- *"Eco-Innovation Performance" criteria score falls below average:* Country's Energy Sustainability level, Water consumption intensity and Jobs in Green Technology Industry indicators show significantly low scores.

Philippines's Eco-Innovation Supporting Environment: Qualitative Research

	National Vision & Strategy	National Policy & Programmes	Network, Partnership & Organizations
Eco-Innovation	■ Energy Efficiency and Conservation Plan of Action ■ Biofuels Act (2006) ■ Renewable Energy Act (2008)	■ Chiller Energy Efficiency Project ■ Credit Programme for Energy Efficiency PHI ■ The Mindanao Energy Plan (MEP) ■ Natural Gas Vehicle Program for Public Transport (NGVPPT) ■ Auto Liquefied Petroleum Gas (LPG) Repowering Program ■ Energy Efficient Electric Vehicle Project -Electric Vehicle Program	■ Sub-regional Conference on Wastewater Management: Promoting Innovations and Sustainable Investments (Jan 2013) ■ Clean Technology Fund Investment Plan for the Philippines[77]
Sustainable Development	■ The Philippine Agenda 21[78] ■ AO254: National Environmentally Sustainable Transport Strategy (NESTS)[79]	■ Climate Change Adaptation Project, Phase I ■ Philippines Sustainable Energy Finance Program ■ Credit Programme for Climate-Friendly Refrigeration Equipment ■ National Energy Efficiency and Conservation Program (NEECP) ■ The Philippine Industrial Energy Efficiency Project (PIEEP)	■ The Asia Low Emission Development Strategies (LEDS) Forum (Oct 2013) ■ Philippines sustainable development network (PSDN)
SMEs			■ The Philippine SME Business EXPO 2013 - Philippines's biggest business expo dedicated to empowering the Small and Medium Enterprises (SMEs) and Entrepreneurs ■ The 2013 APEC Green Business Forum - To take a look at expanding global green supply chains in various ways and discuss how SMEs may adapt to the global phenomenon

Table 26. Philippines's Eco-innovation Supporting Environment Qualitative Research Table

77) One of the Climate Investment Funds (CIF), the $5.2 billion Clean Technology Fund (CTF) provides middle income countries with resources to explore options to scale up the demonstration, deployment, and transfer of low-carbon, clean technologies. Each CTF investment plan is tailored by the country to be integrated into national development objectives and to serve as a programmatic organizing framework for the activities of actors across institutions, stakeholder groups, and sectors.

78) Agenda 21 is a program of action into the 21st century for bringing the Earth into a sustainable future. It was adopted by the participating governments of the world in the United Nations Conference on Environment and Development (UNCED), otherwise known as the Earth Summit, in Rio de Janeiro, Brazil in June 1992.

79) *Philippines Department of Energy, (2007), CTF Investment Plan Philippines final*
NESTS will promote, among others, the development of Bus Rapid Transit (BRT) systems, expansion of the urban rail network in Metro Manila, deployment of hybrid vehicles in the public transport fleet, and acceleration of fuel-switching in certain public transport modes.

Major Policies of Eco-Innovation in Philippines

- The Philippine Agenda 21
- National Environmentally Sustainable Transport Strategy (NESTS)

Overall Country Analysis: Key Features of Eco-Innovation in Philippines

- Philippines is in the need to overcome the challenges of urbanization and energy shortage, eco-innovation can be a key solution to accelerate sustainable development and pursue balanced economic growth.
- Current private sector lacks activities on eco-innovation as examined with ASEI indicators however, in order to activate private sector activities Philippines is holding various international forums such as SME business EXPO and 2013 APEC Green Business Forum to engage international stakeholders.
- Eco-innovation supportive measures mainly focus on public transportation and automobile policy which have taken up a large part of the current environmental pollution. Cooperation effort between Department of Energy, Electrical Vehicle Association of Philippines and Asian Development Bank has enforced the promotion of eco-friendly public transportation such as e-trikes, e-bus and electric cars triggering industry specific eco-innovation activities.