

Chapter 6

Country Level Analysis

Vietnam

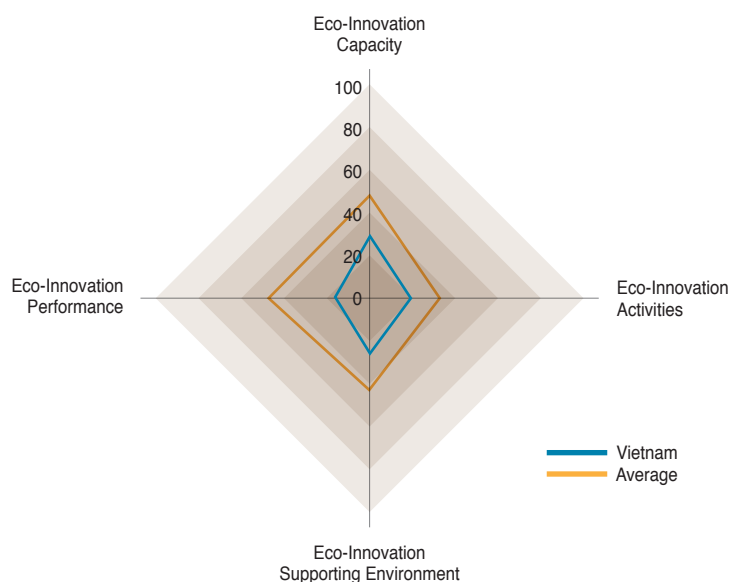





Fig 37. ASEI Result: Vietnam


Vietnam's Eco-Innovation Quantitative Analysis

According to the ASEI 2013, Vietnam scores lower (Vietnam: 24/100, Average: 43/100) than the average of other twenty four ASEM member countries assessed with ASEI.

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"Eco-Innovation Capacity" criteria score falls below average: Most of the indicators in this criterion show low scores compared to the average. In particular, **Green Technology R&D Institution Capacity** and **Awareness of Sustainability Management** indicators show the lowest scores relative to other indicators.
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"Eco-Innovation Supporting Environment" criteria score is below average: Most of the indicators in this criterion show low or average scores compared to other countries.
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"Eco-Innovation Activities" criteria score falls below average: Most of the indicators in this criterion show low or average scores compared to other countries. **Commercialization Level of Green Technology** and **Economic Influence of Leading Environmentally Responsive Firms** indicators particularly show scores that are far below the average level.
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"Eco-Innovation Performance" criteria scores far below the average level: Most of the indicators in this criterion show relatively low scores compared to the average figures.

Vietnam's Eco-Innovation Supporting Environment: Qualitative Research

	National Vision & Strategy	National Policy & Programmes	Network, Partnership & Organizations
Eco-Innovation	<ul style="list-style-type: none"> ■ A Guideline for Energy Efficiency Standard and Labeling (2006) ■ The Study on Master Plan on Energy Conservation and Effective Use in Vietnam (EE&CMP) (2008) 	<ul style="list-style-type: none"> ■ Enforcement in Minimum Energy Performance Standards (MEPS) and Labeling ■ Hanoi Urban Transport Development ■ Development of a Strategy for the Deployment of Mini-Biogas Systems in Pig Production for a Distributed Energy Supply ■ Improving the Energy Policy Setting for Renewable Energies and Grid-Connected Pilot Wind Energy Project ■ Energy Conservation and Efficiency Program for Vietnam (EE&CP) (1995) ■ Pilot Commercial Energy Efficiency Program (CEEP) (2004) ■ Fluorescent Thin Tube Lamp (FTL) & Compact Fluorescent Lamp (CFL) Promotion Campaign (2004) ■ Electricity Saving Program for the period (2006-2010) 	<ul style="list-style-type: none"> ■ 15th Forum on Eco-innovation: EC-UNEP Roundtable on Eco-innovation (Nov 2013) ■ Green Innovation Forum – Energy Efficiency and Renewable Energy (2011) - The opening event in a series of four programs of Green Innovation Forum 2011, organized by GreennoCom and 350Vietnam to introduce practical environmental solutions to the public in Vietnam. The program is sponsored by British Council and FPT Technology Research Institute
Sustainable Development	<ul style="list-style-type: none"> ■ The National Strategy on Environmental Protection towards 2010 and Orientations towards 2020 (2003) ■ Science and Technology Development Strategy (2003-2010) ■ National Energy Master Plan, Vietnam (2008) 	<ul style="list-style-type: none"> ■ Vietnam Clean Production and Energy Efficiency Project ■ Vietnam Demand Side Management and Energy Efficiency (DSM) – Phase 1&2 (2000) ■ Vietnam Energy Efficiency Program(VNEEP) (2006) 	
SMEs		<ul style="list-style-type: none"> ■ Promoting Energy Conservation in Small and Medium Enterprises (PECSME) (2006) 	<ul style="list-style-type: none"> ■ European Green Business Solutions for Vietnam (Sep 2013) ■ Sustainable Product Innovation in Vietnam, Cambodia and Laos - Strengthens the innovative power of industry to improve environmental and societal quality of products made in Vietnam, Laos and Cambodia - Activities include among others capacity building on project branding and marketing skill trainings for SMEs

Table 32. Vietnam's Eco-innovation Supporting Environment Qualitative Research Table

Major Policies of Eco-Innovation in Vietnam

- Vietnam's Environmental Protection Agency (VEPA)
- Energy Efficiency and Conservation Office
- The State Agency for Technology Innovation (SATI)
- The Committee on Science, Technology and Environment of the National Assembly

Key Features of Eco-Innovation in Vietnam

- Vietnam is an oil producing country yet due to lack of national infrastructure; Vietnam only recently started its oil refining businesses. As such, the eco-innovation activities in the energy sector remains to be weak. However, Vietnam is putting effort to accept the eco-innovation concept slowly, this is partially reflected in the move to promote, 15th Forum on Eco-innovation, Green Innovation Forum this year. This also shows how Vietnam is trying to attract foreign investment in developing eco-industry including renewable energy and waste recycling sector. In various ways, Vietnam shows signs that will elevate eco-innovation capacity as well as introduction of more practical eco-innovation activities.