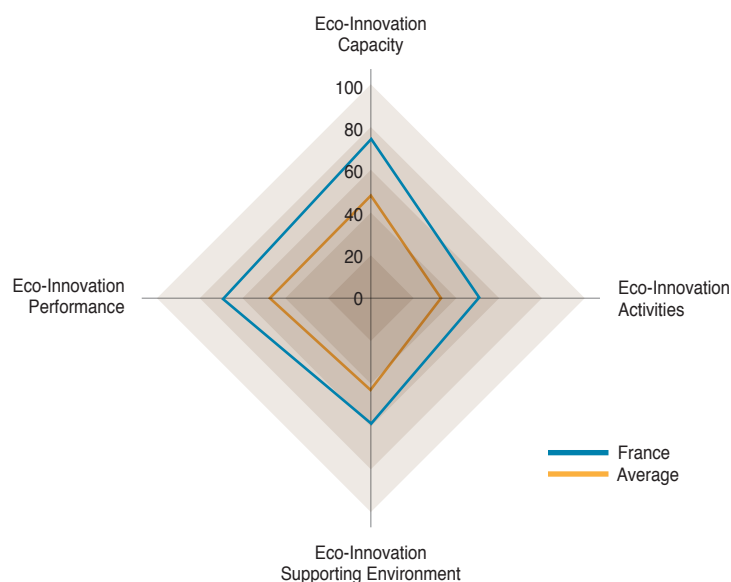


## France



	France	Average
Capacity	75	49
Supporting Environment	60	42
Activities	51	35
Performance	70	46

Fig 22. ASEI Result: France

### France's Eco-Innovation Quantitative Analysis

According to the ASEI 2013, France scores higher (France: 64/100, Average: 43/100) than the average national score when compared to other twenty four ASEM member countries evaluated by the ASEI. France falls into the top tier group when compared to its regional peers.

- *"Eco-Innovation Capacity" criteria score is above average: Green Technology R&D Institution Capacity and Awareness of Sustainability Management indicators represent high scores.*
- *"Eco-Innovation Supporting Environment" criteria score is higher than average: Maturity of Investment Setting for Green Technology Industry indicator is well above the average score.*
- *"Eco-Innovation Activities" criteria score is above average: Commercialization Level of Green Technology, Economic Influence of Leading Environmentally Responsive Firms and Green Patents indicators show higher scores than average yet Activeness of Renewable Energy Utilization indicator demonstrates low figure.*
- *"Eco-Innovation Performance" criteria score shows significantly higher level than average: CO<sub>2</sub> emission intensity, Country's Energy Sustainability level and Jobs in Green Technology Industry indicators score go beyond the average level while Green Industry Market Size indicator reveals lower figure than the average.*

## France's Eco-Innovation Supporting Environment: Qualitative Research

	National Vision & Strategy	National Policy & Programmes	Network, Partnership & Organizations
Eco-Innovation	<ul style="list-style-type: none"> <li>■ Systemic approach to addressing environmental issues</li> <li>■ Water framework directive in 2000</li> <li>■ A Waste Action Plan (2009-2012)</li> </ul>	<ul style="list-style-type: none"> <li>■ Ecotech 2012 (2012)</li> <li>■ Eco-industry call (2009)</li> <li>■ The Ecophyto Plan 2018 (2008 - 2018)</li> <li>■ Fuel cell research programme H-PAC</li> </ul>	<ul style="list-style-type: none"> <li>■ ADEME (French Environment and Energy Management Agency)</li> <li>■ The Club ADEME International</li> <li>■ Cluster of Axelera in Rhone Alpes</li> <li>■ Eco-technology clusters</li> </ul>
Sustainable Development	<ul style="list-style-type: none"> <li>■ National Strategy for Sustainable Development(NSSD) (2010-2013)</li> <li>■ The national climate change adaption plan</li> <li>■ Development plan for renewable energy (2008)</li> </ul>	<ul style="list-style-type: none"> <li>■ Excellence Institutes in the field of carbon-free energies (IEED) (Instituts d'excellence sur les énergies décarbonnées)<sup>42)</sup></li> <li>■ Sustainable Energy programme</li> </ul>	<ul style="list-style-type: none"> <li>■ The Strategic Investment Fund (FSI)</li> </ul>
SMEs		<ul style="list-style-type: none"> <li>■ DEMETER Common Fund for Risk Placement<sup>43)</sup></li> </ul>	<ul style="list-style-type: none"> <li>■ OSEO<sup>44)</sup></li> <li>■ CDC Enterprises<sup>45)</sup></li> <li>■ Tenerrdis<sup>46)</sup></li> </ul>

Table 17. France's Eco-innovation Supporting Environment Qualitative Research Table

## Major Organizations of Eco-Innovation in France

- ADEME (French Environment and Energy Management Agency)
- ANR (National Agency for Research)

## Overall Comments for France

- France's eco-innovation is core part of its sustainable development plan, thus France has high level of awareness on eco-innovation. Governmental investment and support policies towards eco-industry in general are active and strong.
- To grow the eco-industry, the government has introduced 87 specific action plans under three core goals: 1) promote eco-innovation, 2) expand export of clean technology and 3) support SMEs. Support for SMEs includes expanding financial aid via ADEME in order to facilitate R&D activities and innovative green technology development.<sup>47)</sup>
- The government has built joint partnership and network with the private sector in order to support developing countries to achieve decoupling economic-environmental growth by utilizing and commercializing green technology.<sup>48)</sup>

42) Part of the 'Investments for the Future' programme. It funds projects with high potential for the economy and focuses on higher education and training, research, innovation and sustainable development <http://www.eurofound.europa.eu/eiro/studies/tn0908019s/at0908019q.htm>

43) Mutual Fund at Risk (RPF) in SMEs services and technologies in the fields of sustainable development

44) A fund for small and medium-sized enterprises development and innovation set up in 2005

45) French Government (French treasury) owned, 150 million fund of funds, that encourages more early-stage co-funds

46) Renewable energy cluster

47) Besides, there are ANR, Public investment bank, etc

48) Representatively, 120 of eco-companies related to environment and energy belong to 'Club ADEME International', a network organized by ADEME