Environment Park:
Clean Tech innovation support activities

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Environment Park was founded on 1996, by an initiative of Piedmont Region, Province of Torino and City of Torino, and it’s built on a former industrial area.

Envipark is a private shared company with public shareholders

Park mission is to provide SMEs support to develop innovative solutions in the fields of environmental and energy technologies

Envipark is coordinator of POLIGHT, regional R&D cluster on green building and hydrogen technologies
Mission and Model

The Company business model operates along three main activity areas:

1) Real estate management of Environment Park site (70 enterprises hosted, carbon free site)

2) Renewable energy production (hydropower plant)

3) Technology transfer to enterprises in environmental and energy fields (R&D contracts and EU/national/regional funded projects)

Activities are developed in an integrated way, where Real estate and Technology transfer actions mutually support each other in the achievement of statutory and economical targets.
Environment Park site counts on 9 buildings, for an overall footprint of 80,000 m², of which 30,000 m² built. The site has been conceived and built with the goal to reduce as possible environmental impacts and CO₂ emissions.
Real Estate management

- Fully operative since 2002
- About 30,000 m² available
- 90% of the surface rented - service contracts with variable duration
- About 70 firms/organizations settled in the Park
- About 500 people working in the Park (80% graduated)
- 20 new business started in the Park (no incubation activity)

Services provided to tenants:
- Power, heating & cooling
- ICT services
- Cleaning and surveillance
- Maintenance
- Restaurant - Cafeteria
- Meeting and conference rooms
- Turn-key design solutions for settlements
Since 2002 Envipark operates inside four main technology areas, each one splitted into several technology “platforms”
- Technology platforms are structured with pilot plants, test facilities, technology projects
- Operational model: collaborative research with enterprises and Research bodies (main focus on SMEs)
- Internal personnel plus cooperation with academies
- Hydrogen and Building activities are part of POLIGHT CLUSTER programme
On April 2009, in the framework of EU ERDF Regional Plan, Regione Piemonte has created twelve “Poli di Innovazione”

Environment Park is the coordinator of POLIGHT – R&D cluster on Eco Building and Hydrogen

Today cluster accounts 135 members, 23% of working on hydrogen, manufacturing represents 35% of enterprises.

Cluster mission is to support “innovation to market”, giving support to companies on R&D activities, training, coaching and promotional and marketing events and tools.
Incubation and Diversification

Envipark do not direct run incubation activities, but Regional Incubators (e.g. I3P – 2i3T), some of their incubated company and regional Academies are cluster members.

Cluster support also new company created out of the contexts of existing industry or incubators

Considering Industry figures in the region, clusters activities are more focused on industrial product diversification (Innovation to Market), that sometimes lead to creation of industrial spin off.

Cluster acts during the “second stage” of incubation process, introducing “newcomers” in a favorable environment for development of their products and businesses
### Cluster services Portfolio

POLIGHT provide to companies (both newcomers and not) a portfolio of services tailored to their needs, supported by Regional, National and EU funds.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Tools/funding</th>
<th>Services provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Business development</td>
<td><em>Carried by company</em></td>
<td>Contacts with potential partners/customers (cluster members), surveys, expert scouting</td>
</tr>
<tr>
<td>• business plan elaboration</td>
<td><em>Regional cluster programme</em></td>
<td>Support to fund application, project management</td>
</tr>
<tr>
<td>• R&amp;D and product test</td>
<td><em>Regional cluster funds, national EU programmes</em></td>
<td>Support to fund application, labs, facilities, test site and experts</td>
</tr>
<tr>
<td>• Early market</td>
<td>regional cluster funds, innovation procurement</td>
<td>Promotion, B2B, networking, application to Innovation Procurement schemes</td>
</tr>
<tr>
<td>• Market</td>
<td>Expositions, Promotion</td>
<td>Cluster marketing activities</td>
</tr>
</tbody>
</table>
### Activities figures

**Cluster Activities (2010-2012)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Networking with cluster (IT and EU)</td>
<td>24</td>
</tr>
<tr>
<td>Technology workshops</td>
<td>53</td>
</tr>
<tr>
<td>Corporate meeting and B2B</td>
<td>16</td>
</tr>
<tr>
<td>National fair and expos</td>
<td>13</td>
</tr>
<tr>
<td>International fair and expos</td>
<td>13</td>
</tr>
</tbody>
</table>

**Regional R&D cluster programme**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td># Activities run</td>
<td>98</td>
</tr>
<tr>
<td>Regional R&amp;D cluster funds attracted</td>
<td>18,1 M€</td>
</tr>
<tr>
<td>Investment activated by</td>
<td>32,9 M€</td>
</tr>
<tr>
<td># members involved in</td>
<td>145</td>
</tr>
</tbody>
</table>

**EU funding programmes (2007-2012)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td># EU project (2007-12)</td>
<td>41</td>
</tr>
<tr>
<td>Eu funds attracted (2007-12)</td>
<td>5,4 M€</td>
</tr>
<tr>
<td>EU Overall value of activities</td>
<td>7,8 M€</td>
</tr>
<tr>
<td>Companies directly involved in</td>
<td>11</td>
</tr>
</tbody>
</table>

**Other R&D funds (2007-2012)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td># Project applied</td>
<td>9</td>
</tr>
<tr>
<td>Funds attracted</td>
<td>2 M€</td>
</tr>
</tbody>
</table>

Environment Park skills, competences and facilities are made available to cluster members both to implement Cluster Regional programme and EU and National ones, contributing to regional fallouts of those initiatives.

At the same times, EU programmes allow the cluster to organize and manage market targeted activities, in particular in cooperation with other EU cluster.
Networking at EU and National scale is focused on research of market and R&D collaborative opportunities for cluster’s members

- Representative in Bruxelles of Italian Regions, chambers of commerce network, Platforms and Industrial associations
- Sector Network (IISBE, HY RAMP, E2B)
- Italian (Province of Trento, Region Lombardia) and EU clusters TENNERDIS (RRA, F), Vehicule du Futur (Alsace, F), ongoing contacts in Spain and Germany
- Research Centers (i.e. INES, CSTB, LABEIN, University and technology Parks)
- Institutional network (i.e. EUROREGION Mediterranean Alps) ERRINN, EU Regions network for innovation

A strong interest in increase the network.
The Piemonte Clean tech cluster

In the framework of re-organization of support measures for next EU programme period, the Region is launching the creation of a Clean tech cluster, coordinating under a single entity the existing clusters operating on green economy sectors.

Goals are to enforce the capacities of the regional systems to compete and cooperate at EU level, in the framework of Smart Specialization EU Strategy and Horizon 2020.

At the same time, this cluster aims to be a player inside national cluster initiative (launched on Mai 2012) and EU networks.
In the closing EU programme period the region and the City have created the condition to fully exploit the potential of local industry and academy systems.

Together with incubators and academies, Clusters have playing a role in support the deployment of regional and EU policies, both on R&D and support to creation of new enterprises, in particular industrial spin off.

Investments in infrastructure, procurement for innovation and reorganization of regional clusters policies towards the creation of a single Clean tech cluster are the next steps.
Grazie

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