

<b>Project name:</b> Feasibility study for a plastic pyrolysis project in Yverdon-les-Bains: analysis of plastic resource, techno-economic evaluation, analysis of regulatory environment and business plan	<b>Approx. value of the contract</b> Design studies: approx. 30 000 USD
<b>Country:</b> Switzerland <b>Location:</b> Yverdon-les-Bains	<b>Duration of assignment:</b> 2019 - 2021
<b>Name of Beneficiary/Client:</b> Industrial services of Yverdon-les-Bains	<b>Total No. of staff-months of the assignment:</b> 30 staff days
<b>Associated consultants:</b> NA	<b>Names of Planair staff members involved in the project:</b> Project Manager: Christian Rod Project Director: Lionel Perret
<p><b>Project Description</b></p> <p>The Industrial Services of the City of Yverdon-les-Bains are exploring a waste valorization solution through pyrolysis to process materials such as PET recycling residues (up to 1,500 tons per year) and wood waste that also contains plastics.</p> <p>SEY, STRID, and Cand-Landi are seeking an impartial assessment of the potential of this technology. To this end, Planair SA, SIA consulting engineers, has been commissioned to conduct such a study.</p> <p><b>Services provided</b></p> <ul style="list-style-type: none"> <li>• Material and energy flow analysis</li> <li>• Analysis of material qualification (waste composition)</li> <li>• Compatibility assessment of the installation site</li> <li>• Description of the operational process for the system, including: <ul style="list-style-type: none"> <li>○ Plastic preparation</li> <li>○ Maintenance</li> <li>○ Staffing requirements</li> <li>○ Inputs</li> </ul> </li> <li>• Financial analysis covering investment, operational phase, and revenue generation (business plan)</li> <li>• Summary including: <ul style="list-style-type: none"> <li>○ Key obstacles to overcome</li> <li>○ Uncertainty factors</li> <li>○ A set of recommendation</li> </ul> </li> </ul>	