LISB Bologiques Ingénierie des Systèmes Biologiques et des Procédés

Implementation of an integrated technological-LCA modeling tool within the water industry. A pragmatic contribution to decision-making.

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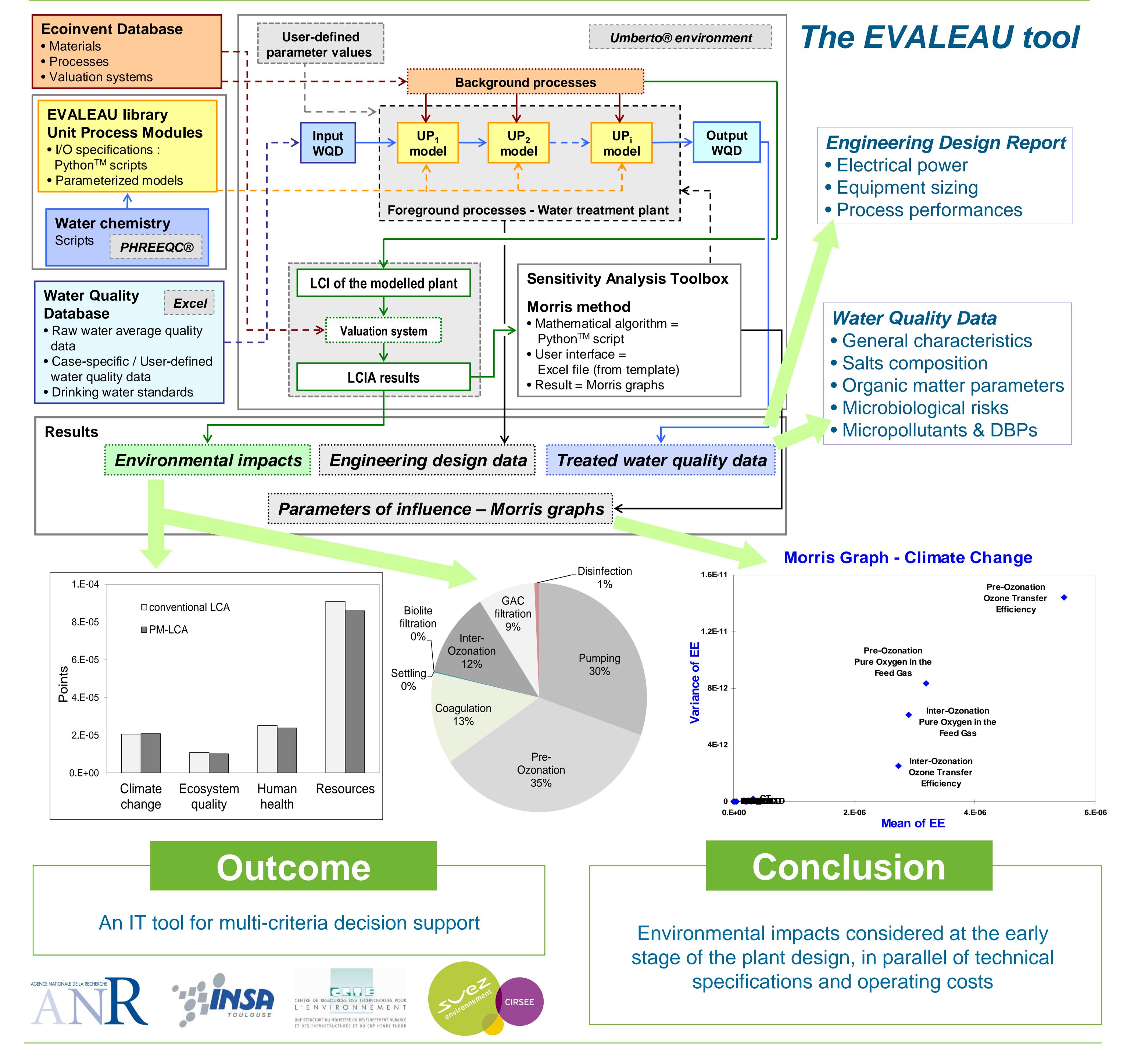
Industrial context

- Various water sources & highly variable processes
 Many possible technological solutions (processes & sequences, operating conditions, etc.)
 Each plant is unique generalization and
- Scientific challenge
- Providing a reliable and predictive LCI (prerequisite for eco-design based on LCA) leading to various fields of results (material consumptions / LCA results / engineering design)

extrapolation of the LCA results not possible

Giving a complete overview of industrial projects.

The integrated Process Modeling-LCA (PM-LCA) tool



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