



Live Demonstration - Port Environmental Impact Calculator
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Port Environmental Impact Calculator

What is it?

- A self-assessment tool that can be used to determine the environmental impact of the port
- The tool consists of two parts: an input field and a results field

Who is the tool for?

- **Inland ports**
- Terminals
- Any other party in the port territory

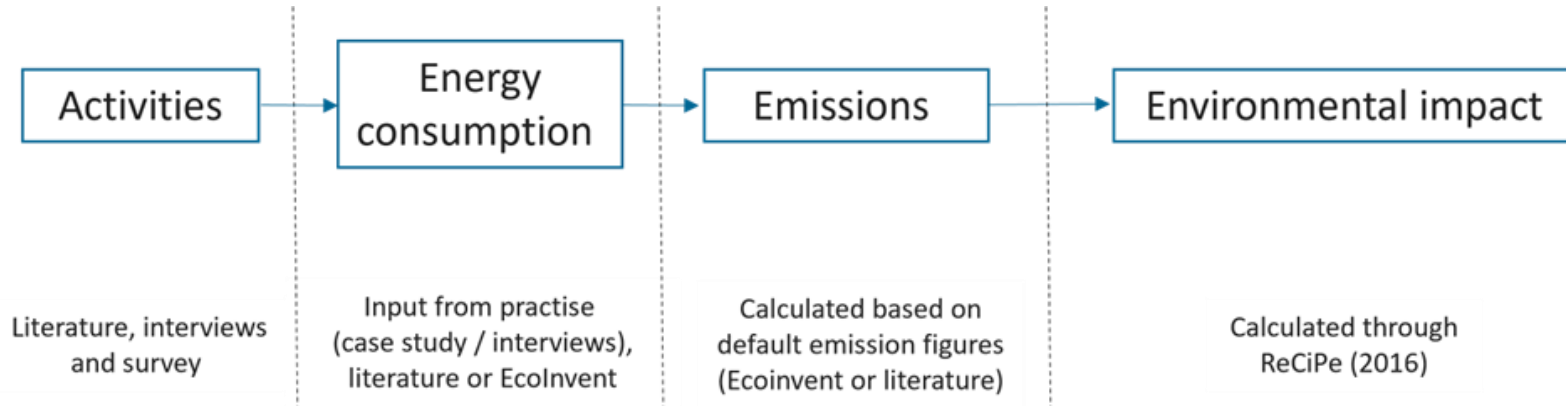
Status

- Finalization phase
- Will soon be available online for free on the GRIP website

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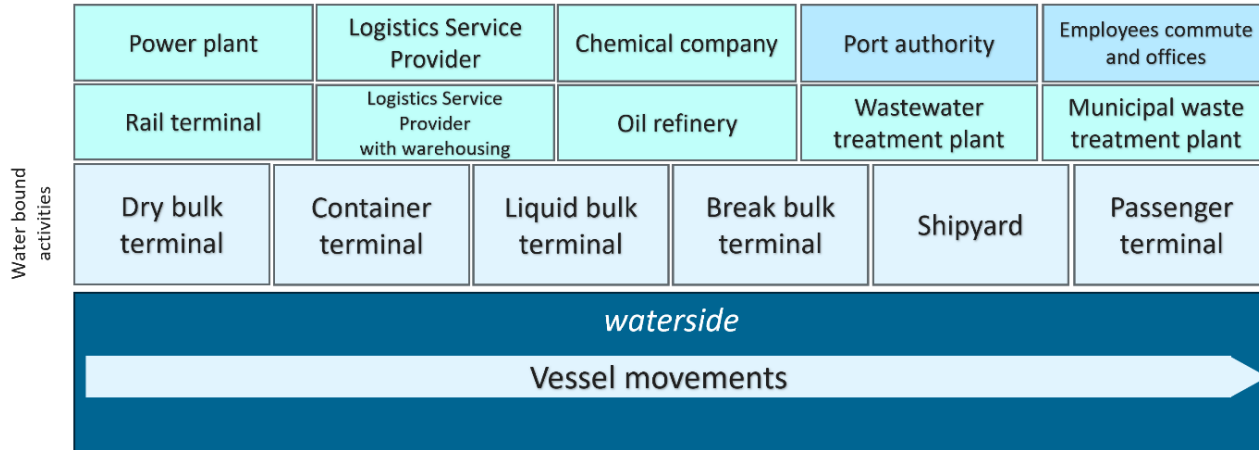
Approach to calculate the environmental impact



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Scope

Overview of the modules that together represent all activities in inland ports



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Input field

- Input field provides the tool with the necessary data to calculate the environmental impact
- Every inland port is unique:
 - Tool consist of several individual modules
 - The different modules represent different activities or terminals
- Mandatory and optional input fields
 - Mandatory fields: minimum required input data. Background models in the tool are used
 - Optional fields: when more specific data is available

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Results and Interpretation

Overall results

- The results provide the contribution of the port to 18 environmental impact categories
- All 18 categories are important for a complete environmental impact assessment
- Focus is on the impact category 'Climate impact' (or global warming potential or carbon footprint)

Climate impact results

- Overall port area climate impact, with a breakdown per module
- Separate figure specially for water bound activities (terminals)
- Separate figure specially for not water bound activities (industrial)

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