Content

- General framework
- Procedure
- Screening phase (step 1)
- Calculation of emissions
- Validation of scope
- Allocation of emissions
- Declaration
- Annex
- Supplement: Parameters of Green Logistics method
The Green Logistics method can be used for internal or external communication. In case of internal communication no requirements are defined by the method. In case of external communication (i.e. result declaration) it is important to provide additional information on the assessment goals, assessment boundaries and the assessment approaches to realize a high level of transparency and understanding.

- Goals: e.g. calculation of CO$_2$e emissions
- Boundaries: e.g. country-specific logistics activities
- Approaches: e.g. 60 % Approach A and 40 % Approach C

For companies that plan to communicate certificated results a certification process has been developed based on ISO standard 14040/44. This step is optional.

In any case it is recommended to develop a background report on the method implementation because of the various processes and data sources directed

- In the first year it might be an intensive project to define the appropriate boundaries and assessment approaches for each relevant category
- For each following year the effort will be in general much smaller because boundaries do not change strongly and data sources are already connected
Relevant documents of a Green Logistics declaration

For internal purpose

- Background Report
  - Goals
  - Boundaries
  - Procedures
  - Data sources
  - Calculations
  - Results

For external purpose

- Fact Sheet
  - Goals
  - Balancing year
  - Processes included
  - Data quality

Optional

- Certification documents
  - Purpose of certification
  - Data collection within the company
  - Results of the on-site audit
  - ...
Proposed structure of a Green Logistics background report

// General aspects
- Definition of the assessment goal, the allocation goal and the time period covered
- Definition of the assessment boundaries in terms of regions, processes and services
- Definition of the relevancy of equity holding and subsidiary companies and the way of consideration (e.g. GHG protocol equity share approach)
- Definition of the integration of renewable energies and compensation programs

// Step 1: Screening phase
- Description of the logistics company (or its subsidiary) and the logistics services offered
- Description of the implementation of step 1 for each relevant process
- Declaration of the step 1 results according to the defined processes and definition of assessment approach in step 2

// Step 2: Ecological Assessment
- Description of the emission calculation for each relevant process
- Description of the validation process (comparison with step 1 results)

// Step 3: Allocation
- Description of the sub-sets of emissions derived
- Description of the derivation of allocation coefficients
- Description of the (exemplary) use of allocation coefficients
Fact Sheet (1)

// Structural aspects of the ecological assessment
- Company name, logo
- Optional: contact person and details

- Balancing period: from DD/MM/YYYY to DD/MM/YYYY

- Emissions □ CO₂e □ MJ □ SO₂ □ CO □ NOₓ □ HC

- Geographic boundaries □ Complete System □ Sub-system
  - Description of the subsystem:

- Organizational boundaries □ All logistics services □ Choice of services
  - Description of the services included:

- Consideration of equity holding □ Equity share approach □ Functional control approach
### Process relevancy and data quality

<table>
<thead>
<tr>
<th></th>
<th>Company-owned</th>
<th>Sub-contracted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road transport</td>
<td></td>
<td></td>
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<tr>
<td>Rail transport</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air transport</td>
<td></td>
<td></td>
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<tr>
<td>Maritime navigation</td>
<td></td>
<td></td>
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<tr>
<td>Inland navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logistics sites</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employee commuting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business travel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Overall data quality**

- Approach A: ____ %
- Approach B: ____ %
- Approach C: ____ %
### Allocation goal(s)
- Description of the allocation goal(s):

### Calculated allocation coefficients for transport and transshipments

<table>
<thead>
<tr>
<th></th>
<th>Transport - ambient</th>
<th>- refrigerated (with $\gamma_{\text{default}}$)</th>
<th>- refrigerated (with $\gamma_{\text{specific}}$)</th>
<th>Transshipment - generic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road transport</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Rail transport</td>
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<td>□</td>
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<tr>
<td>Air transport</td>
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<tr>
<td>Maritime navigation</td>
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<td>□</td>
<td>□</td>
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<tr>
<td>Inland navigation</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
</tbody>
</table>
**Fact Sheet (4)**

### Calculated allocation coefficients for warehouses (site-specific declaration)

<table>
<thead>
<tr>
<th>Name of warehouse</th>
<th>Standardized services of warehouse</th>
<th>Ambient storage, without order-picking</th>
<th>Refrigerated storage, without order-picking</th>
<th>Ambient storage, with order-picking</th>
<th>Refrigerated storage, with order-picking</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Ambient storage, without order-picking</td>
<td>Refrigerated storage, without order-picking</td>
<td>Ambient storage, with order-picking</td>
<td>Refrigerated storage, with order-picking</td>
</tr>
<tr>
<td></td>
<td>Simplified approach</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Specification of stock level</td>
<td>Floor area based [m²]</td>
<td></td>
<td></td>
<td>Volume based [m³]</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Consideration of warehouse services (if relevant)

- **Warehouse, refrigerated**
  - $\alpha_{default}$
  - $\alpha_{specific}$
- **Dispatch, picking**
  - $\beta_{default}$
  - $\beta_{specific}$