EcoTransIT World Initiative

An industry driven success story

Dipl.-Ing. Ralph Anthes
IVE mbH
EcoTransIT World Initiative
The impulse

You can only reduce what you can measure

Do not invent the wheel twice and try to use proven methodologies to create comparable results

The companies within the EWI work together to align their emission calculation
EcoTransIT World Initiative

Constitution

EcoTransIT World Initiative

Members are always user of ETW
Periodic telcos & meetings
Steers EcoTransIT World
- Methodology
- Marketing
- Initiatives

Scientific support
Calculation methodology
Energy and Emissions data

Coordination & IT
Administration
Software & data
ETW Business solutions

Provider / Partnerships

16/12/2015
Dipl.-Ing. Ralph Anthes | IVE mbH
EcoTransIT World

Evolving process

1998  Start of work
2003  First EcoTransIT version for comparison of European freight transports
2006  Introduction of GIS-based routing
2008  Release of first business solution
2010  Launch of EcoTransIT World (ETW)
2012  EcoTransIT World Initiative (EWI)
2013  EN 16258 compliance
2014  Inclusion of CCWG and OAG flight data
# EcoTransIT World

## Benefits – Why companies are using the tool

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global</td>
<td>Provides energy consumption, greenhouse gas and exhaust emissions of any global transport chain free of charge</td>
</tr>
<tr>
<td>Intermodal</td>
<td>Includes all transport modes in a consistent way (truck, rail, air, sea, inland water way)</td>
</tr>
<tr>
<td>GIS-based</td>
<td>Supports ex-ante assessment through automatic routing function and GIS based networks and destinations</td>
</tr>
<tr>
<td>Reliable</td>
<td>Proven public methodology and default data developed and regularly updated by independent scientific institutions</td>
</tr>
<tr>
<td>Flexible</td>
<td>Ready to integrate individual data (e.g. fuel consumption, etc.) and features in customized ‘Business Solution’</td>
</tr>
<tr>
<td>Compliant</td>
<td>Compliant with international standards (e.g. EN 16258)</td>
</tr>
<tr>
<td>Ready</td>
<td>Standard Interfaces of the ‘Business Solutions’ covers already now most of the requested issues of interested customers</td>
</tr>
<tr>
<td>Full service</td>
<td>All ‘Business Solutions’ validated by our scientific partners Ifeu, Infras and IVE</td>
</tr>
</tbody>
</table>
Business solution

Users

Number of ETW users

User Structure

Carrier 38%
Forwarder 42%
Organisation 10%
Shipper 10%
Business Solution
Calculation classification

Calculated Transport Types
- Sea ship: 24%
- Road: 32%
- Railway: 27%
- Aviation: 13%
- Barge: 4%

Intermodal usage
- Single transport type
- Intermodal transport chains

16/12/2015
Dipl.-Ing. Ralph Anthes | IVE mbH
EcoTransIT World Initiative
What we created...

Aligned emission accounting...

The base of all calculations is a scientific founded, transparent and public available methodology provided by independent institutes.

Every user calculates with the same EcoTransIT World accounting module for trustable and comparable results!

EcoTransIT World has the flexibility to consider company specific values or characteristics.
EcoTransIT World Initiative

What we want...

...joined action!

All companies within the EcoTransIT World Initiative decides together the direction of the tool (without being political) on the base of common budget.

EWI works together and the companies calculate individual on the same base.
EcoTransIT World Initiative

What we do...

The pathway to united carbon reductions in global transports

ETW is a living tool! The budget of EWI enables regular updates of the methodology and tool

EWI communicates with initiatives and networks like GLEC or CCWG and having the aim to use and support broadly accepted standards

EWI and ETW is an industry driven success story
The companies within the EWI work together to align their emission calculation.

I wish you a successful workshop!