Outlook 2018
Scale of the problem and how to track supply chains
Spotlight on soy

“Deforestation on the table”
World Food Summit side-event
Organized by the Danish Ministry of Environment and Food
Copenhagen 31st August 2018

Thomas Sembres
thomas.sembres@efi.int
Lifting a barrier to large-scale action
Opacity and complexity of forest-risk commodity supply chains
Per-shipment trade records
Combining with other datasets (asset and tax registration data, subnational production, etc.)

<table>
<thead>
<tr>
<th>YEAR</th>
<th>NUM_RE</th>
<th>NUM_DDE</th>
<th>DIA_REGIS</th>
<th>DIA_SEMESTRE</th>
<th>DIA_EMBOQ</th>
<th>PORT</th>
<th>PORT_UP</th>
<th>CNPJ</th>
<th>EXPORTER</th>
<th>IMPORTER</th>
<th>COUNTRY</th>
<th>NCM</th>
<th>NCM_DESC</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>151278292501</td>
<td>2160359940</td>
<td>2016-08-24</td>
<td>2016-08-29</td>
<td>2006-08-29</td>
<td>ALF-AEROPORTO INTER.</td>
<td>SP</td>
<td>095337860002-20</td>
<td>LANSING BRASIL COM.</td>
<td>LANSING TRADE GROUP</td>
<td>UNITED STATES</td>
<td>23040900</td>
<td>OUTRAS RESIDUOS DA UN...</td>
<td>KCI</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
<tr>
<td>2012</td>
<td>125164010031</td>
<td>2021038388</td>
<td>2012-09-03</td>
<td>2012-09-13</td>
<td>2012-09-29</td>
<td>ALF-TESORO DE SALVA</td>
<td>BA</td>
<td>003034920002-15</td>
<td>ADM</td>
<td>ALCORIN</td>
<td>ITALIA</td>
<td>12010990</td>
<td>OUTRAS RESIDUOS DA U...</td>
<td>PACE</td>
</tr>
</tbody>
</table>
Trase

Revealing the entire supply chain
Trase Yearbook 2018

Sustainability in forest-risk supply chains: Spotlight on Brazilian soy

The Trase Yearbook presents the latest insights on the sustainability of global agricultural commodity supply chains associated with tropical deforestation. Based on Trase’s unique transparency data, and with a spotlight on soy in 2018, it provides a first systematic assessment of the sourcing patterns of major buying companies and countries, the deforestation risk associated with the major companies and import markets that dominate Brazil’s soy exports, and the links between deforestation commitments and changes on the ground.
Tracking shifting sourcing patterns

Example with a major trader between 2006 and 2016
Assessing deforestation risk of major traders (ha / yr)
Soy frontiers

37%

Of new soy cropland in the Matopiba region of the Cerrado between 2005 and 2016 through direct conversion of native vegetation within the year prior to plantations being established.
Highlighting responsibilities & opportunities for investment towards net positive impact

For the majority of Brazil’s soy-exporting municipalities more than half of exports were handled by a single trader.
Sharing responsibilities and investments for a deforestation-free economy
Sourcing of the Amsterdam Declarations Partnership

Top 100 municipalities
2010-2015
Setting baselines and monitoring progress

Deforestation risk linked to soy expansion in Amsterdam group sourcing municipalities, compared to China and EU28
Simplifying complexity and setting priorities

Priority sourcing localities

> 1200
SOY PRODUCING MUNICIPALITIES SUPPLYING THE AMSTERDAM GROUP

50
PROVIDE MORE THAN 50% OF SUPPLY

14
ACCOUNT FOR MORE THAN 50% OF DEFORESTATION RISK
Looking forward
Harnessing data for partnerships

Facilitating shared understanding on an operational system for monitoring palm oil and jurisdictional sustainability

514 Districts in Indonesia
Looking forward
Harnessing data for partnerships

- Facilitating strategic partnerships
- Towards global coverage of forest-risk trade
- Real-time alerts
- Making information available to financial industry
- Monitoring of progress
Mange tak!

Thomas Sembres
thomas.sembres@efi.int

www.trase.earth