B2C-C2B
TIR Computerization
latest progress
Presentation to GE.1
Bratislava, 25 September 2012
Table of content

- Overview
- TIR Carnet Holders Portal
- Customs Authorities Portal
- Issuing Associations Portal
- Conclusions
True private-public partnership aiming at:
- reinforcing the security of the TIR system and
- gradually computerizing all processes

Further great progress has been achieved. The TIR process is computerized in most geographies.

Portal concept with access to key TIR information & data exchange for:
1. TIR Carnet Holders
2. Customs Authorities
3. Issuing Associations
Computerisation of TIR
High Level Portals Overview

Associations

National Issuing Associations
Portal

Intl Guarantee Chain
TIR Information System

TIR Carnet Holders

TIR Carnet Holder
Portal

Intl. Organisation

National Issuing Associations
Portal

International Organisation
Applications

ASkTIRweb

TIR Information System

NCTS

SPEED

SEED

ASYCUDA

National Customs Authorities
Portal

Customs A

Customs B

Customs C

Customs A

Information System

Customs B

Information System

Customs C

Information System

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TIR-EPD value for Customs

- Automatic security check against the TIR central database (CUTE-Wise)
- Secure EPD data transmission of authenticated and authorized sender
- Advance information about the transported goods; advance risk analysis
- Possibility for advance revenue assessment
- No need for manual data entry
- In summary: simpler, faster and safer border crossing procedures
Now 26 countries in operation! (whereby 3 of them are in pilot)

5 new countries added since last GE.1 meeting:
- In production: Turkey, Uzbekistan
- In pilot: Italy, Kazakhstan, Macedonia

Following additional 10 countries are currently in the pipeline:
- Afghanistan, Albania, Azerbaijan, Croatia, Greece, Iran, Kyrgyzstan, Morocco, Netherlands, Spain

Significant increase in usage from 6000 per month a year ago to 28’000 per month & raising

Expect around 30 countries to be covered by end of 2012
This will ensure TIR-EPD coverage around the whole operational TIR world
Countries covered correspond to 94% in Carnets issuance

- Now 26 countries in operation, with 3 in pilot stage:
  - Italy
  - Kazakhstan
  - Macedonia

- 10 countries in the pipe:
  - Afghanistan
  - Albania
  - Azerbaijan
  - Croatia
  - Greece
  - Iran
  - Kyrgyzstan
  - Morocco
  - Netherland
  - Spain
TIR-EPD Usage Statistics Per Month

TIR-EPD’s sent per month

EPD’s sent


0  5000  10000  15000  20000  25000  30000
TIR-EPD Usage Statistics
August 2012

Holdings

<table>
<thead>
<tr>
<th>Country</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUS</td>
<td>26.6%</td>
</tr>
<tr>
<td>BLR</td>
<td>14.6%</td>
</tr>
<tr>
<td>TUR</td>
<td>14.2%</td>
</tr>
<tr>
<td>UKR</td>
<td>12.3%</td>
</tr>
<tr>
<td>POL</td>
<td>10.5%</td>
</tr>
<tr>
<td>SRB</td>
<td>5.7%</td>
</tr>
<tr>
<td>LVA</td>
<td>3.3%</td>
</tr>
<tr>
<td>LTU</td>
<td>2.9%</td>
</tr>
<tr>
<td>MDA</td>
<td>2.2%</td>
</tr>
<tr>
<td>SVK</td>
<td>1.7%</td>
</tr>
<tr>
<td>HUN</td>
<td>0.9%</td>
</tr>
<tr>
<td>DEU</td>
<td>0.9%</td>
</tr>
<tr>
<td>CZE</td>
<td>0.9%</td>
</tr>
<tr>
<td>KAZ</td>
<td>0.7%</td>
</tr>
<tr>
<td>BGR</td>
<td>0.6%</td>
</tr>
<tr>
<td>MKD</td>
<td>0.5%</td>
</tr>
<tr>
<td>SVN</td>
<td>0.4%</td>
</tr>
<tr>
<td>FIN</td>
<td>0.4%</td>
</tr>
<tr>
<td>EST</td>
<td>0.3%</td>
</tr>
<tr>
<td>IRN</td>
<td>0.2%</td>
</tr>
<tr>
<td>ROU</td>
<td>0.1%</td>
</tr>
<tr>
<td>AZE</td>
<td>0.1%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
</tr>
</tbody>
</table>

Customs

BY 53%
Simple, useful, effective and free of charge service for Holders

1. Login

2. Fill-in

3. Submit

4. Obtain movement reference Nr, present it to Customs!

WWW.TIREPD.ORG

19 languages
Highly secure
TIR-EPD Challenges

- HS Commodity Codes
  - TARIC
  - ТН ВЭД
  - 6-8-10 digits
  - Language (English, Russian, etc)

- Goods descriptions
  - Latin alphabet
  - Cyrillic alphabet
  - Language translation
New TIR-EPD Application

- A new TIR-EPD application is in preparation with:
  - Improved usability & navigation
  - Better guidance on itinerary and customs operations
  - Better treatment of multi-lingual/-alphabets aspects
  - Import & export data capabilities

→ More efficient, user-friendly and enabling the future

Also a foundation for providing further services to transport operators
New EPD

Carnet validity

- TIR Carnet number: SX69443127
- Holder: BGR/046/831652769
- Expiry date: 31/12/2012

Required fields

Cancel  Next >
New EPD - Carnet no. SX69443127

<table>
<thead>
<tr>
<th>Country</th>
<th>Load goods</th>
<th>Unload goods</th>
<th>Start TIR</th>
<th>End TIR</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Step 1</strong></td>
<td>Bulgaria (BGR)</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Step 2</strong></td>
<td>Turkey (TUR)</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Required fields

- Click on the 'Next' button to proceed.
- Ensure all required fields are filled.
- Double-check the itinerary details for accuracy.

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New EPD - Carnet no. SX69443127

**Customs operations**

Based on your itinerary, TIR-EPD's may be sent to the following countries

Note: an EPD is required to open a TIR operation in a customs union / country

<table>
<thead>
<tr>
<th>Send EPD</th>
<th>Load / Departure / Entry</th>
<th>Customs union</th>
<th>Unload / Destination / Exit</th>
<th>VPN #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enter Turkey at: KAPIKULE TIR GÜMRÜK MÜDÜRLÜĞÜ</td>
<td>-</td>
<td>End TIR transport in Turkey and unload at: İstanbul Deri Serbest Bölge Güm</td>
<td>3-4</td>
</tr>
</tbody>
</table>

- Required fields
New EPD - Carnet no. SX69443127

Consignment 1

Bulgaria to Turkey

| Item 1  | 40111000 - New Pneumat... | Unpacked or unpackaged (20) | 100 Kg. |
New EPD - Carnet no. SX69443127

**TIR Carnet number:** SX69443127

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departure / Entry</td>
<td>Bulgaria – Sofia/ MB Sofia-Iztok (BG005808)</td>
</tr>
<tr>
<td>Destination / Exit</td>
<td>Turkey – ISTANBUL DERI SERBEST BÖLGE GÜMRÜK MÜDÜRLÜĞÜ (342200)</td>
</tr>
<tr>
<td>Vehicle number</td>
<td>1234</td>
</tr>
<tr>
<td>Number of packages</td>
<td>20</td>
</tr>
<tr>
<td>Total weight</td>
<td>100 Kg</td>
</tr>
<tr>
<td>EORI</td>
<td>12345678</td>
</tr>
</tbody>
</table>

**EPD’s will be sent to:**

- Bulgaria (BGR) - Sofia/ MB Sofia-Iztok (BG005808)
- Turkey (TUR) - KAPIKULE TIR GÜMRÜK MÜDÜRLÜĞÜ (220200)

- **Accept liability**
  - [ ] View liability terms and conditions

- Declaration place
  - Sofia
TIR-EPD Vision ahead

- TIR-EPD will soon transform into a web portal offering Association and IRU services to TIR Holders:
  - TIR Carnet ordering (paper or electronic)
  - Status of carnet issuances and returns, quotas, etc.
  - Address & contact mgt
  - Managing CMRs
  - Other IRU services such as TransPark, Fuel Prices, border waiting times, etc.
TIR and TIR-EPD green lanes
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A central & worldwide Customs database for TIR data

A portal reserved for National Customs Authorities and issuing Associations

To provide up-to-date information on TIR Carnets:

• In circulation
• Terminated (with info provided by the customs office of destination)
• Returned to the IRU
• Recorded as invalid by the IRU (used/unused)
## CUTE-Wise

Existing portal interface

<table>
<thead>
<tr>
<th>TIR Carnet Number</th>
<th>SX68587711</th>
<th>NEW SEARCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuing Country ISO Alpha 3</td>
<td>LTU</td>
<td>Name</td>
</tr>
<tr>
<td>Issuing Association</td>
<td>LTLINA      V</td>
<td>LITHUANIA</td>
</tr>
<tr>
<td>Number Of Pages</td>
<td>14</td>
<td>Language Used On Yellow Manifest</td>
</tr>
<tr>
<td>Date Of Issuance Of The TIR Carnet To The Issuing Association</td>
<td>06.06.11</td>
<td></td>
</tr>
<tr>
<td>Date Of Issuance Of The TIR Carnet To The Holder</td>
<td>21.06.11</td>
<td></td>
</tr>
<tr>
<td>Holder ID Number</td>
<td>LTU/032/0558</td>
<td>Expiry Date</td>
</tr>
<tr>
<td>Status Of The TIR Carnet</td>
<td>THE TIR CARNET WAS RETURNED TO THE IRU</td>
<td></td>
</tr>
<tr>
<td>Number Of Customs Records</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

### Records Received From The Customs Offices Of Destination

<table>
<thead>
<tr>
<th>Country</th>
<th>Name Or Number Of Customs Office</th>
<th>Date In The Customs Ledger</th>
<th>Record Number As Per The Certificate Of Termination</th>
<th>Reference Number As Per The Certificate Of Termination</th>
<th>Date As Per The Certificate Of Termination</th>
<th>Partial (P) Or Final (F) Termination</th>
<th>Page Number</th>
<th>Termination Certified With (R) Or Without (OK) Reservation</th>
<th>Number Of Packages</th>
<th>Customs Comments</th>
<th>Record Available At IRU On</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUS</td>
<td>10113003</td>
<td>11.07.11</td>
<td>009376</td>
<td>009376</td>
<td>11.07.11</td>
<td>F</td>
<td>4</td>
<td>OK</td>
<td>15</td>
<td>??? ?????????????</td>
<td>11.07.11</td>
</tr>
</tbody>
</table>
Invalidated carnet list & details can also be obtained through a specific web service.

<table>
<thead>
<tr>
<th>TIR Carnet Number</th>
<th>YX72816447</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuing Country ISO Alpha 3</td>
<td>SRB</td>
</tr>
<tr>
<td>Issuing Association</td>
<td>SCC-ATT</td>
</tr>
<tr>
<td>Number Of Pages</td>
<td>14</td>
</tr>
<tr>
<td>Date Of Issuance Of The TIR Carnet To The Issuing Association</td>
<td>27.07.12</td>
</tr>
<tr>
<td>Date Of Issuance Of The TIR Carnet To The Holder</td>
<td>09.08.12</td>
</tr>
</tbody>
</table>

**INFORMATION RECEIVED FROM THE TIR CARNET HOLDER**

**Status Of The TIR Carnet** | INVALID TIR CARNET - DESTROYED

**Expiry Date** | 08.10.12

**Name Of The Holder** | SRB/089/145

**IRU Comments** | NO IRU COMMENTS

**Number Of Customs Records** | NO RECORDS PROCESSED YET

**Date and Time of Invalidation by the IRU** | 23.08.12 17:01:09
Develop CUTE-Wise into a comprehensive & central TIR information source available at all time to Customs Authorities and issuing National Associations.

Provide secure access to specific data records to authorized and authenticated parties. Notably, expose information to selected users on:

- TIR Carnet validity, issuance, holder, etc
- Customs relevant & non-confidential TIR-EPD data (incl. release for transit information)
- SafeTIR termination data (+ start/end of operation & additional relevant customs information, e.g. seals affixed)
Real Time SafeTIR (RTS)

Web Service system to system connexion
For full automation of the SafeTIR related procedures:
• TIR Carnet status control
• Automatic SafeTIR data transmission
• Electronic SafeTIR reconciliation

Connecting Business and Customs to facilitate and secure international trade
Real Time SafeTIR:

- SafeTIR Customs data is sent by Customs in real time as soon as the TIR transport is terminated
- Information is made available to all relevant actors

The status of the TIR Carnet is:

- Valid (with following details: Holder ID, validity date, Issuing Association name)
- Invalid
- Not issued/False/other situations

Real Time SafeTIR and TIR-EPD provide security to allow the issuance of $1 billion/day in guarantees

What is the status of the TIR Carnet?
RTS Benefits for Customs

- Increased security of the TIR system
- Reduced resource intensive activities
- Timely TIR Customs operations
- Enhanced cargo throughput performance at borders
- Rapid reaction to deal with irregularities as they occur
Now 13 countries in operation!

1 new countries added since last GE.1 meeting:
- Uzbekistan

5 in development or tests with expected imminent going live expected:
- Belarus, Belgium, Finland, Latvia, Macedonia

Following additional 13 countries are currently in the pipeline:
- Afghanistan, Albania, Armenia, Croatia, Estonia, Italy, Kyrgyzstan, Lithuania, Poland, Romania, Slovakia, Tajikistan, Turkmenistan

77% of all SafeTIR data transmission is performed in real time

50% of all TIR Carnets in circulation are now checked for validity at least once by one National Custom Authority
77% of all SafeTIR data transmitted via RTS

- Now 13 countries in operation
- 5 countries in development or test:
  - Belarus
  - Belgium
  - Finland
  - Latvia
  - Macedonia
- 13 countries in the pipe:
  - Afghanistan
  - Albania
  - Armenia
  - Croatia
  - Estonia
  - Italy
  - Kyrgyzstan
  - Lithuania
  - Poland
  - Romania
  - Slovakia
  - Tajikistan
  - Turkmenistan
17 countries live!

- Switzerland
- Croatia
- Syria
- Denmark
- Lebanon
- Spain
- Belgium
- Jordan
- Norway
- Portugal
- Tajikistan
- Ireland
- Sweden
- Slovenia
- Turkmenistan
- Armenia
- Mongolia
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Provide Associations with a hosted, secure and high performance web application...

...that will reduce local infrastructure costs, improve real-time integration, user friendliness and customisability...

...to further facilitate the TIR related work of the associations in accordance with the TIR convention as well as IRU rules and regulations...

...and support the full computerization of the TIR Carnets lifecycle

Already 12 issuing associations are using the system every day! Going up to 19 by the end of 2012 and 24 within first 6 months of 2013
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Conclusion

- Further great progress achieved thanks to close partnership with Contracting Parties

- By end of 2012, all most important TIR countries will have EPD & RTS with B2C & C2B data exchange in operation

- TIR information is available with portal access for Customs, Associations and Holders

- The TIR process is computerized in most geographies
Working together for a better future