



B2C-C2B

TIR Computerization latest progress

Presentation to GE.1
Prague, 19 April 2012

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CIO





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- **Computerization of TIR – Overview**
- TIR-EPD
Portal for TIR Carnet Holders
- CUTE-Wise, Real-Time SafeTIR & TIRCUTEweb
Portal for Customs Authorities
- AskTIRweb
Portal for issuing Associations



Computerization of TIR overview

- True private-public partnership to reinforce the security of the TIR system and to gradually computerize all processes
- Tremendous progress has been achieved to date : in 2012 new steps reached as computerisation goes faster and faster
- Three portals with access to key TIR information are shaping up for:
 1. Customs Authorities
 2. Associations
 3. TIR Carnet Holders



Computerisation of TIR high level overview

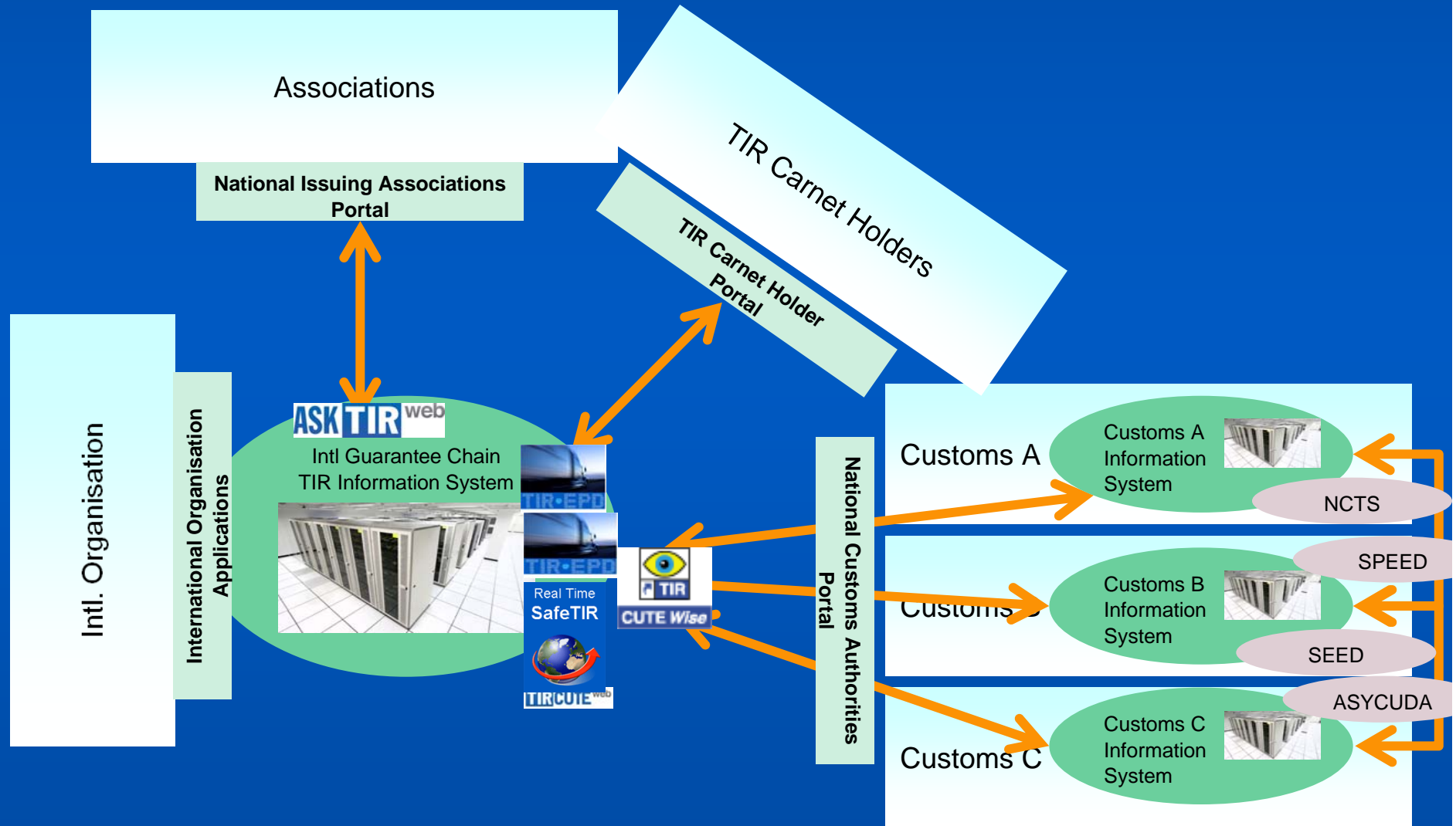




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TIR-EPD Portal for TIR Carnet holders

TIR Electronic Pre- Declaration



1100110100110101	11011	11001101001101		1100110100110101	11001101001101	1100110100110
1011011001010101	01011	101101100101010		1011011001010101	101101100101010	101101100101010
11010	11011	11010	11010	11010	11010	11010
10101	10101	10100	11010	10101	10100	11010
11011	11001	110100100111010		1101111001010101	110100100111010	11010
00101	00101	00100010111010		0010111001010101	00100010111010	00100
11011	11001	11010	11101	11011	11010	11010
11101	11101	11100	10101	11011	11100	11100
11010	11010	11011	00111	1110111001010101	11011	101101100101010
11010	11010	11011	11010	1101011001010101	11012	1100110100110



Connecting Business and Customs
for facilitating and securing international trade

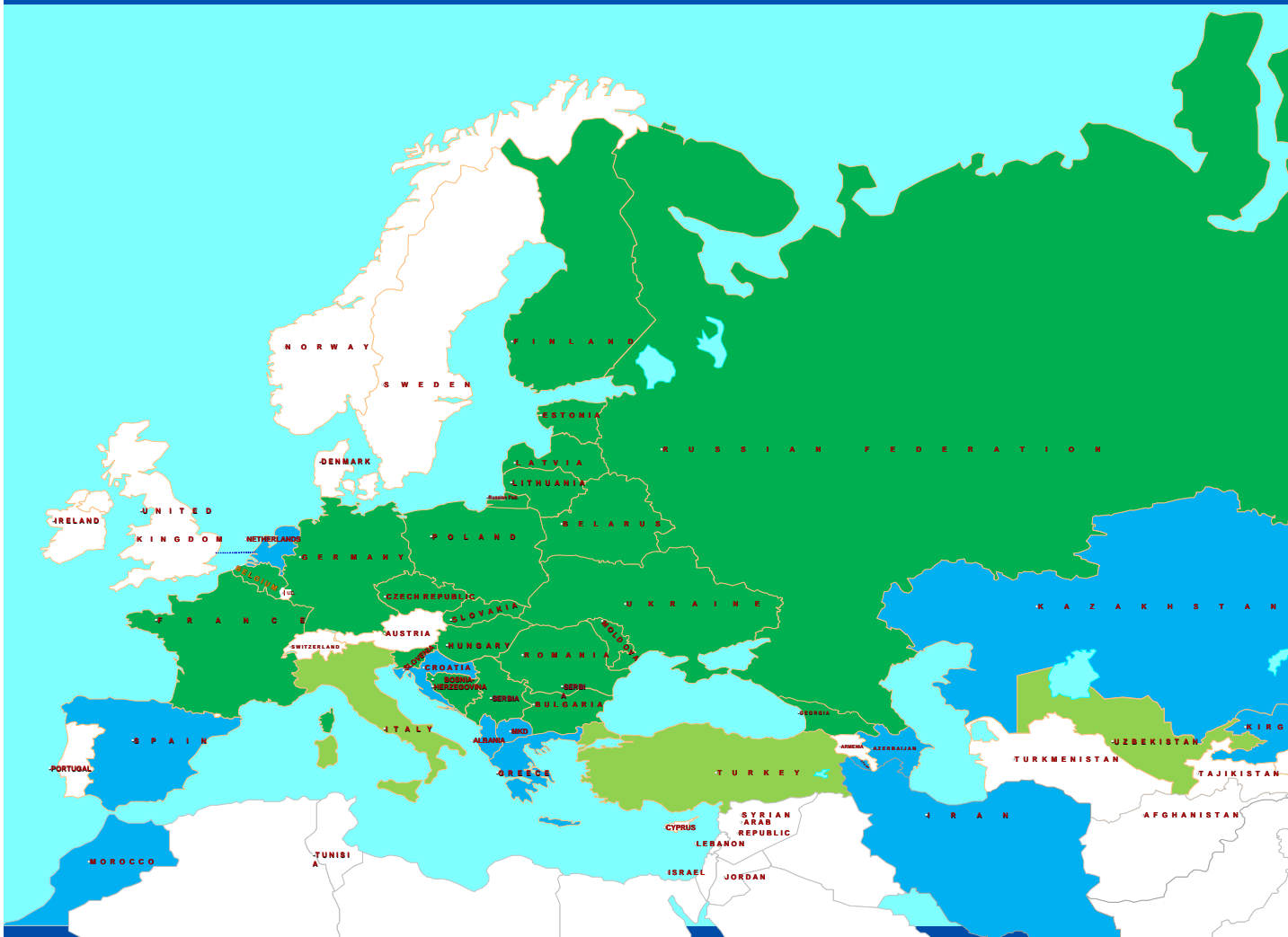


TIR-EPD Progress

- Now 21 countries in operation!
- 6 new countries added since last GE.1 meeting:
 - Belarus, Bosnia-Herzegovina, Georgia, Russia, Serbia and Ukraine
- 3 successful pilots / tests with expected imminent going live expected:
 - Italy, Turkey & Uzbekistan
- Following additional 11 countries are currently in the pipeline :
 - Albania (in collaboration with UNCTAD), Azerbaijan, Croatia, Greece, Iran, Kazakhstan, Kirghizstan, Macedonia, Morocco, Netherland, Spain
- Significant increase in usage from 1'000 to almost 3'000 per week & raising
- Expect around 30 countries to be covered by end of 2012 – This will ensure TIR-EPD coverage around the whole operational TIR world



TIR-EPD Geographical Coverage

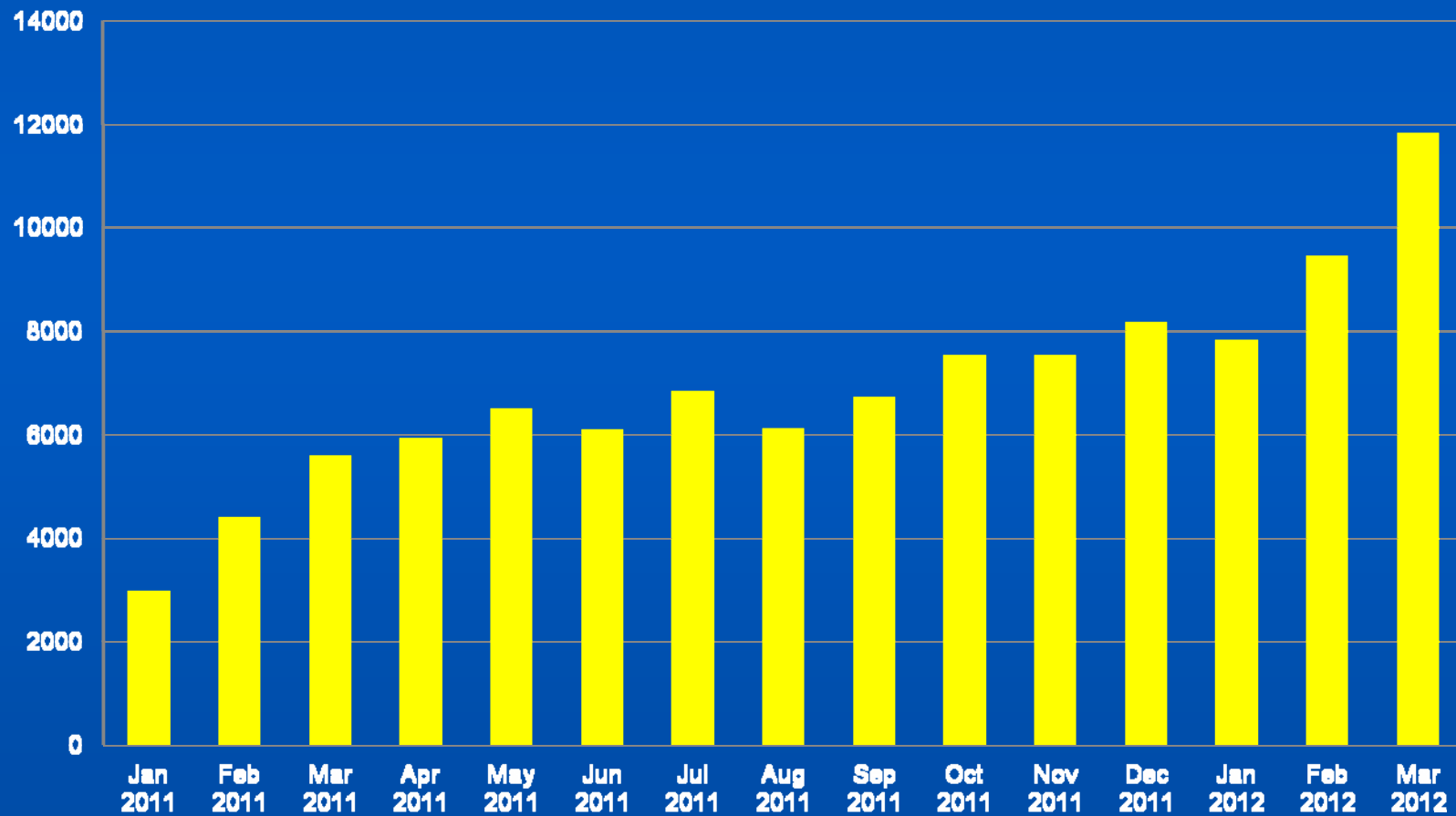


- Now 21 countries in operation
- 3 countries in pilots/test ready to go live:
 - Italy
 - Turkey
 - Uzbekistan
- 11 countries in the pipe:
 - Albania
 - Azerbaijan
 - Croatia
 - Greece
 - Iran
 - Kazakhstan
 - Kirghizstan
 - Macedonia
 - Morocco
 - Netherland
 - Spain



TIR-EPD Usage Statistics Per Month

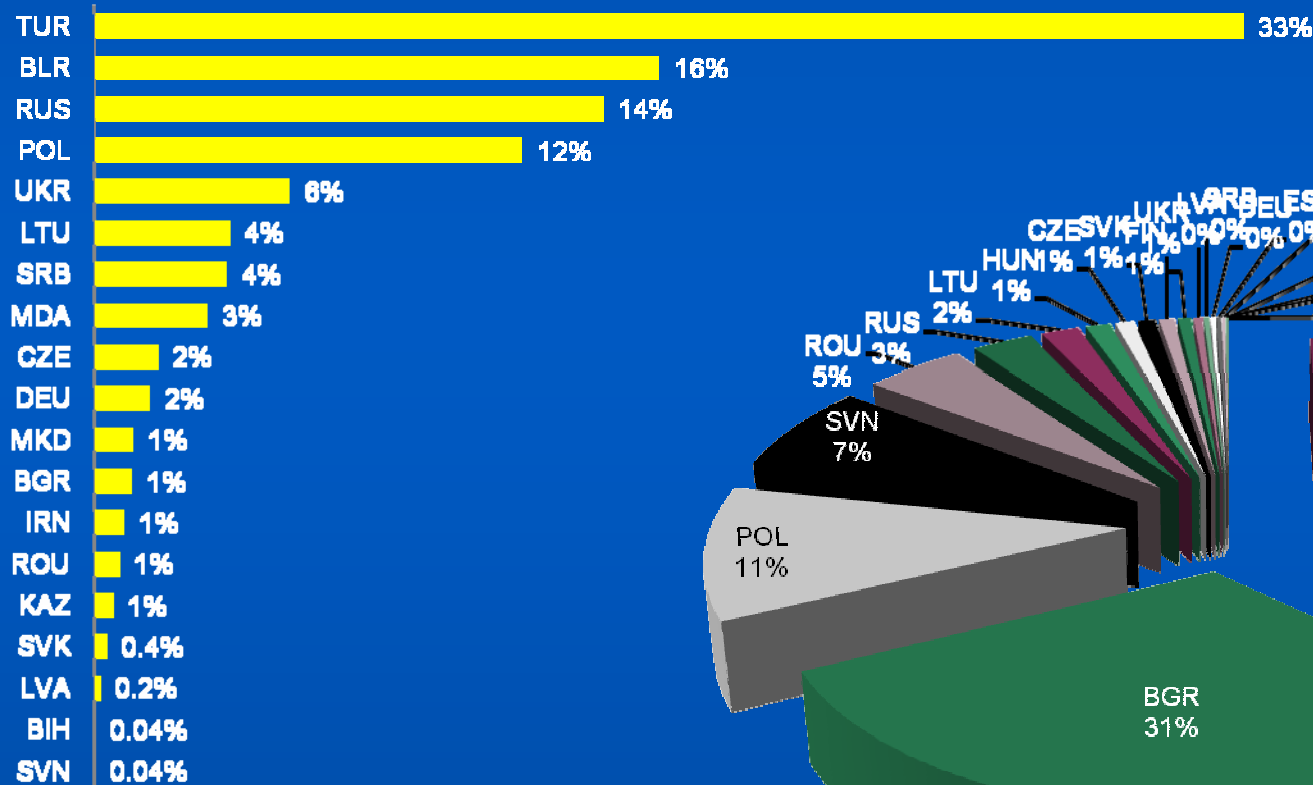
Sent TIR-EPDs per month



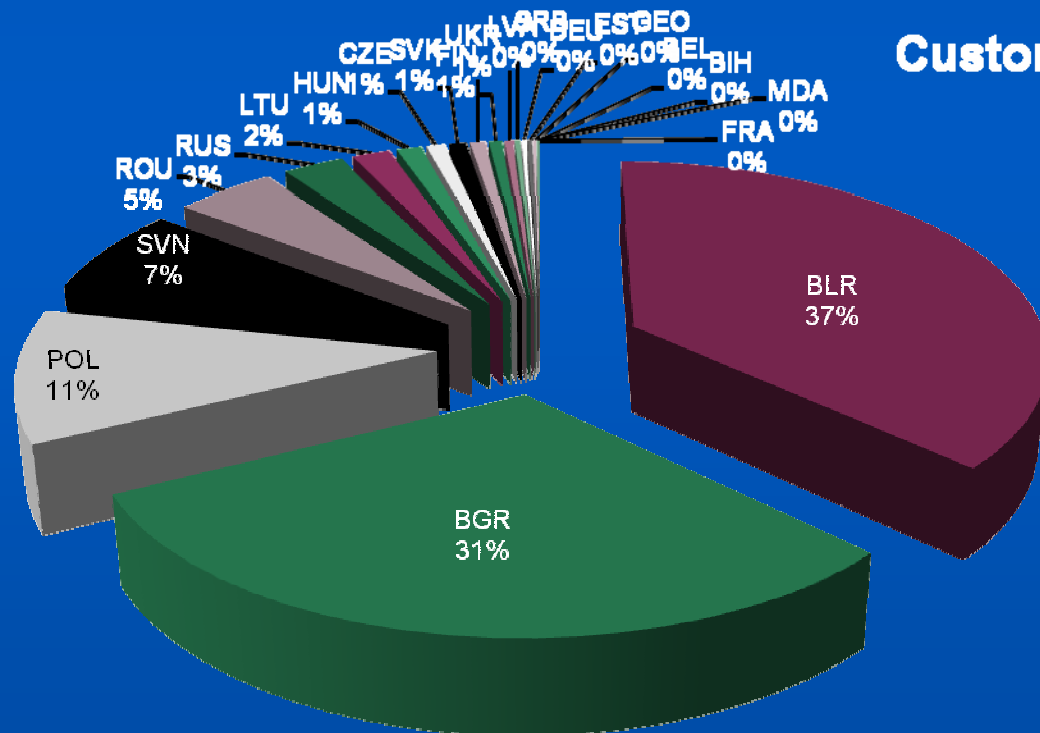


TIR-EPD Usage Statistics March 2012

Holder



Customs



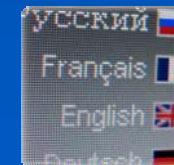


Simple, useful, effective and free of charge service for Holders

1. Login



WWW.TIREPD.ORG



19 languages
Highly secure

2. Fill-in

Country where TIR-EPD needs to be sent	Customs office of Departure/Entry	Country of Destination/Exit	Customs office of Destination/Exit	VIN Number	EU Security Elements
PL	PL352020-ANDRYCHOW / ANDRYCHOW OC	DE	DE007054-Aachen / Zollamt Aachen Charlottenburger Allee		YES

3. Submit

Current Logged In User: trest_17(en)
Logged In At: 11:46
Date: 09/12/2010

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



TIR-EPD vs. TIR Carnet

The image shows the front side of a TIR Carnet form. At the top, it features the IRU logo and the text "Union Internationale des Transports Routiers". Below this, it says "CARNET TIR*" and "14 volets" (14 pages) with the I.R.U. number X825000000. The form is divided into several numbered sections: 1. Validité pour prise en charge par le bureau des douanes du départ (Validity for the acceptance of goods by the Customs office of departure up to and including); 2. Délivré par (Issued by); 3. Date (Date); 4. Signature du titulaire du carnet (Signature of the carnet holder); 5. Signature du secrétaire de l'organisation internationale (Signature of the secretary of the international organization); 6. Lieu de départ (Country of departure); 7. Lieu de destination (Country of destination); 8. Date d'immobilisation des (des) véhicules routiers (Date of immobilization of road vehicle(s)); 9. Certificat d'approbation du (des) véhicule(s) routier(s) (New and used) (Certificate of approval of road vehicle(s)); 10. Date d'immobilisation du (des) conteneur(s) (Date of immobilization of container(s)); 11. Observations diverses (Remarks); 12. Signature du titulaire du carnet (Signature of the carnet holder). There are several red circles highlighting specific fields: 3, 4, 5, 6, 7, 8, 9, 10, and 12. A large red watermark "Spécimen" is overlaid diagonally across the form.

The image shows the back side of a TIR Carnet form, labeled "COUNTERFOIL N° 1 / N° 2". It contains a "GOODS MANIFEST" section with fields for: 1. Description of goods; 2. Country of origin; 3. Country of destination; 4. Date of departure; 5. Date of arrival; 6. Date of immobilization; 7. Date of release; 8. Date of re-issuance; 9. Date of re-acceptance; 10. Date of re-issuance; 11. Date of re-acceptance; 12. Date of re-issuance; 13. Date of re-acceptance; 14. Date of re-issuance; 15. Date of re-acceptance; 16. Date of re-issuance; 17. Date of re-acceptance; 18. Date of re-issuance; 19. Date of re-acceptance; 20. Date of re-issuance; 21. Date of re-acceptance; 22. Date of re-issuance; 23. Date of re-acceptance; 24. Date of re-issuance; 25. Date of re-acceptance; 26. Date of re-issuance; 27. Date of re-acceptance; 28. Date of re-issuance; 29. Date of re-acceptance; 30. Date of re-issuance; 31. Date of re-acceptance; 32. Date of re-issuance; 33. Date of re-acceptance; 34. Date of re-issuance; 35. Date of re-acceptance; 36. Date of re-issuance; 37. Date of re-acceptance; 38. Date of re-issuance; 39. Date of re-acceptance; 40. Date of re-issuance; 41. Date of re-acceptance; 42. Date of re-issuance; 43. Date of re-acceptance; 44. Date of re-issuance; 45. Date of re-acceptance; 46. Date of re-issuance; 47. Date of re-acceptance; 48. Date of re-issuance; 49. Date of re-acceptance; 50. Date of re-issuance; 51. Date of re-acceptance; 52. Date of re-issuance; 53. Date of re-acceptance; 54. Date of re-issuance; 55. Date of re-acceptance; 56. Date of re-issuance; 57. Date of re-acceptance; 58. Date of re-issuance; 59. Date of re-acceptance; 60. Date of re-issuance; 61. Date of re-acceptance; 62. Date of re-issuance; 63. Date of re-acceptance; 64. Date of re-issuance; 65. Date of re-acceptance; 66. Date of re-issuance; 67. Date of re-acceptance; 68. Date of re-issuance; 69. Date of re-acceptance; 70. Date of re-issuance; 71. Date of re-acceptance; 72. Date of re-issuance; 73. Date of re-acceptance; 74. Date of re-issuance; 75. Date of re-acceptance; 76. Date of re-issuance; 77. Date of re-acceptance; 78. Date of re-issuance; 79. Date of re-acceptance; 80. Date of re-issuance; 81. Date of re-acceptance; 82. Date of re-issuance; 83. Date of re-acceptance; 84. Date of re-issuance; 85. Date of re-acceptance; 86. Date of re-issuance; 87. Date of re-acceptance; 88. Date of re-issuance; 89. Date of re-acceptance; 90. Date of re-issuance; 91. Date of re-acceptance; 92. Date of re-issuance; 93. Date of re-acceptance; 94. Date of re-issuance; 95. Date of re-acceptance; 96. Date of re-issuance; 97. Date of re-acceptance; 98. Date of re-issuance; 99. Date of re-acceptance; 100. Date of re-issuance. There are several red circles highlighting specific fields: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. A large red watermark "Spécimen" is overlaid diagonally across the form.

TIR-EPD = TIR Carnet + additional information (safety and security, etc)

TIR-EPD is paving the way from pre-declaration today to declaration tomorrow



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**



TIR-EPD enhancements 1/2

New data required in Belarus



lucastransport TIR-EPD Driver Information

Edit Driver Information

Last Name:

Registration country:

First Name:

Middle Name:

Position:

Document ID Type:

Document Series:

Document Number:

Date of Issue:

Issuing Organization:

Drivers:

Last Name	First Name	Document ID Type
cacho	castana	Other documents issued by Interior Ministry

Current Logged In User: lucas(en)

Logged In At: 10:21



lucastransport TIR-EPD Vehicle Information

Vehicle Reg Numbers

Truck :

Reg. Num. of Truck:

Nationality Truck/Trailer:

Select VIN/Chassis of Truck:

VIN/Chassis of Truck:

Mark of Truck:

Type of Truck:

Trailer :

Reg. Num. of Trailer:

Nationality Trailer:

Select VIN/Chassis of Trailer:

VIN/Chassis of Trailer:

Mark of Trailer:

Type of Trailer:

2nd Trailer :

Reg. Num. of 2nd Trailer:

Nationality 2nd Trailer:

Select VIN/Chassis 2nd of Trailer:

VIN/Chassis of 2nd Trailer:

Mark of 2nd Trailer:

Type of 2nd Trailer:

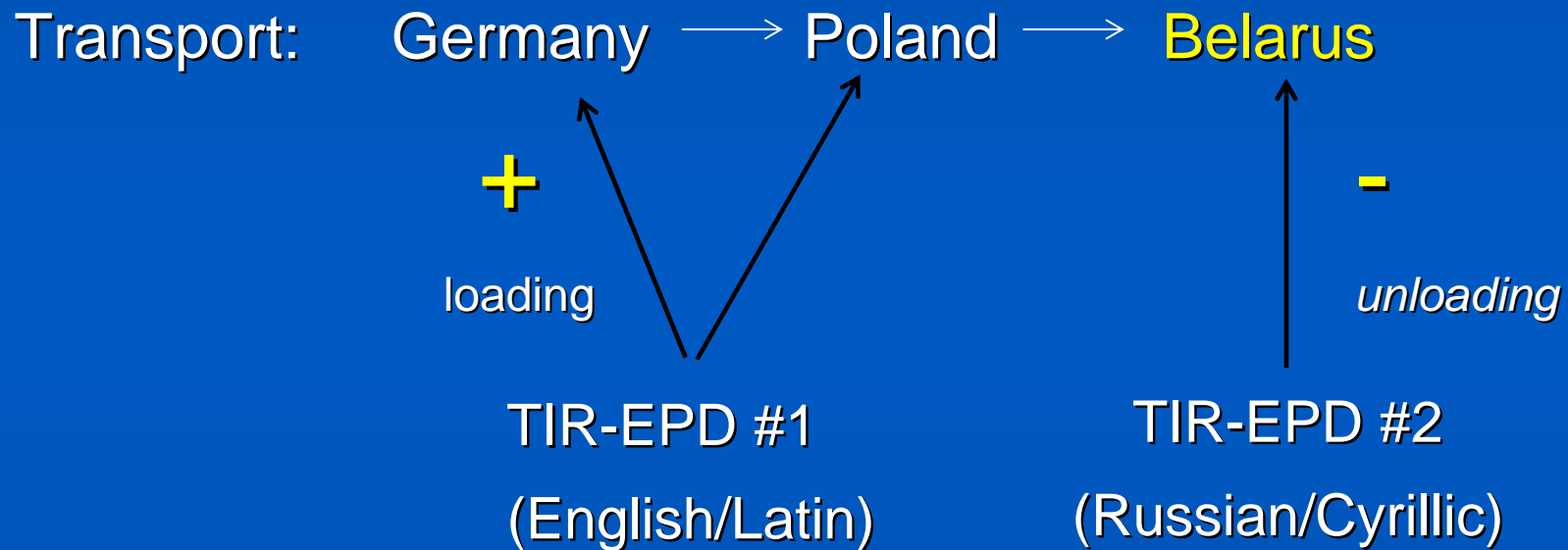
Registration Language:

Container



TIR-EPD enhancements 2/2

Cyrillic Alphabet



Possibility to submit goods descriptions in Cyrillic!

Solution in preparation to have only one submission necessary



TIR-EPD New development

TIR T&T Express

Help | Contact Us | FAQ | 4 New Messages English John Doe

EPDs Company Info Admin

New EPD - Carnet No. XB43215678

Carnet Itinerary Customs operations Vehicle info Consignments Send

Summary

TIR Carnet number: AX12345678 Printer friendly version

Departure / entry: Belarus - Minsk / Minsk - 2 (05000)
Destination / exit: Germany - Frankfurt (Oder) / Zollamt Frankfurt (Oder)-
Autobahn
Vehicle number: 98AN9835
Number of packages: 54
Total weight: 87,165 kg.
EORI: XXX-XXX-XXXX

EPD's will be sent to: Belarus - Minsk / Minsk - 2 (05000)
Belarus - Grodnenskaja / Kamennyj log (19404)
Lithuania - Vilniaus rajonas / Mdininky kello postas (LTVK2000)
Germany - Frankfurt (Oder) / Zollamt Frankfurt (Oder)-
Autobahn

Consignment 1

Russia to Germany GAIMIA COM German Import

Item	Description	Quantity	Weight
Item 1	87089997 - VEHICLES OTHER THAN RAILWAY...	6 Unpacked	6321 kg.
Item 2	73231000 - Base Metals	20 PK - Pallets	9963 kg.

Attached documents

Document	Reference
CMR	Ref. 99602

Consignment 2

Belarus to Germany Minsk Inter German Import

* Accept liability

* Declaration place

* Declaration language Please select

Save this EPD as a template (optional)

* - Required

< Previous Send EPD

- Enhanced usability & navigation
- CMR printouts = first step for e-CMR
- Better guidance on itinerary and customs operations
- Multi-lingual aspects
- Import & export data capabilities
- In summary: more efficient, user-friendly and enabling the future



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CUTE-Wise

<http://www.cutewise.org/>


- 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


CUTE Wise

Consultation Of TIR Carnet Data
Download Lists Of Invalid TIR Carnets
CUTE - Wise User Guide



<u>TIR Carnet Number</u>	<input type="text" value="SX68587711"/>	NEW SEARCH	
<u>Issuing Country ISO Alpha 3</u>	<input type="text" value="LTU"/>	<u>Name</u>	<input type="text" value="LITHUANIA"/>
<u>Issuing Association</u>	<input type="text" value="LTLINAVA"/>		
<u>Number Of Pages</u>	<input type="text" value="14"/>	<u>Language Used On Yellow Manifest</u>	<input type="text" value="LITUANIE"/>
<u>Date Of Issuance Of The TIR Carnet To The Issuing Association</u>			<input type="text" value="06.06.11"/>
<u>Date Of Issuance Of The TIR Carnet To The Holder</u>			<input type="text" value="21.06.11"/>
<u>Holder ID Number</u>	<input type="text" value="LTU/032/0558"/>	<u>Expiry Date</u>	<input type="text" value="19.08.11"/>
<u>Status Of The TIR Carnet</u>	THE TIR CARNET WAS RETURNED TO THE IRU		
<u>Number Of Customs Records</u>	<input type="text" value="1"/>		

RECORDS RECEIVED FROM THE CUSTOMS OFFICES OF DESTINATION

Country	<u>Name Or Number Of Customs Office</u>	<u>Date In The Customs Ledger</u>	<u>Record Number In The Customs Ledger</u>	<u>Reference Number As Per The Certificate Of Termination</u>	<u>Date As Per The Certificate Of Termination</u>	<u>Partial (P) Or Final (F) Termination</u>	<u>Page Number</u>	<u>Termination Certified With (R) Or Without (OK) Reservation</u>	<u>Number Of Packages</u>	<u>Customs Comments</u>	<u>Record Available At IRU On</u>
RUS	10113083	11.07.11	009376	009376	11.07.11	F	4	OK	15	??? ??????????????	11.07.11



CUTE-Wise Vision ahead

- 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
- Expose information to selected users on:
 - TIR Carnet validity, issuance, holder, etc
 - Some non-confidential & relevant for Customs 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)

Real Time SafeTIR



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**



Increased Security thanks to IRU RTS

The status of the TIR Carnet is :

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

What is the status of the TIR Carnet ?

IRU
Geneva

SafeTIR
data

Customs
Moscow

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

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



RTS Benefits for Customs

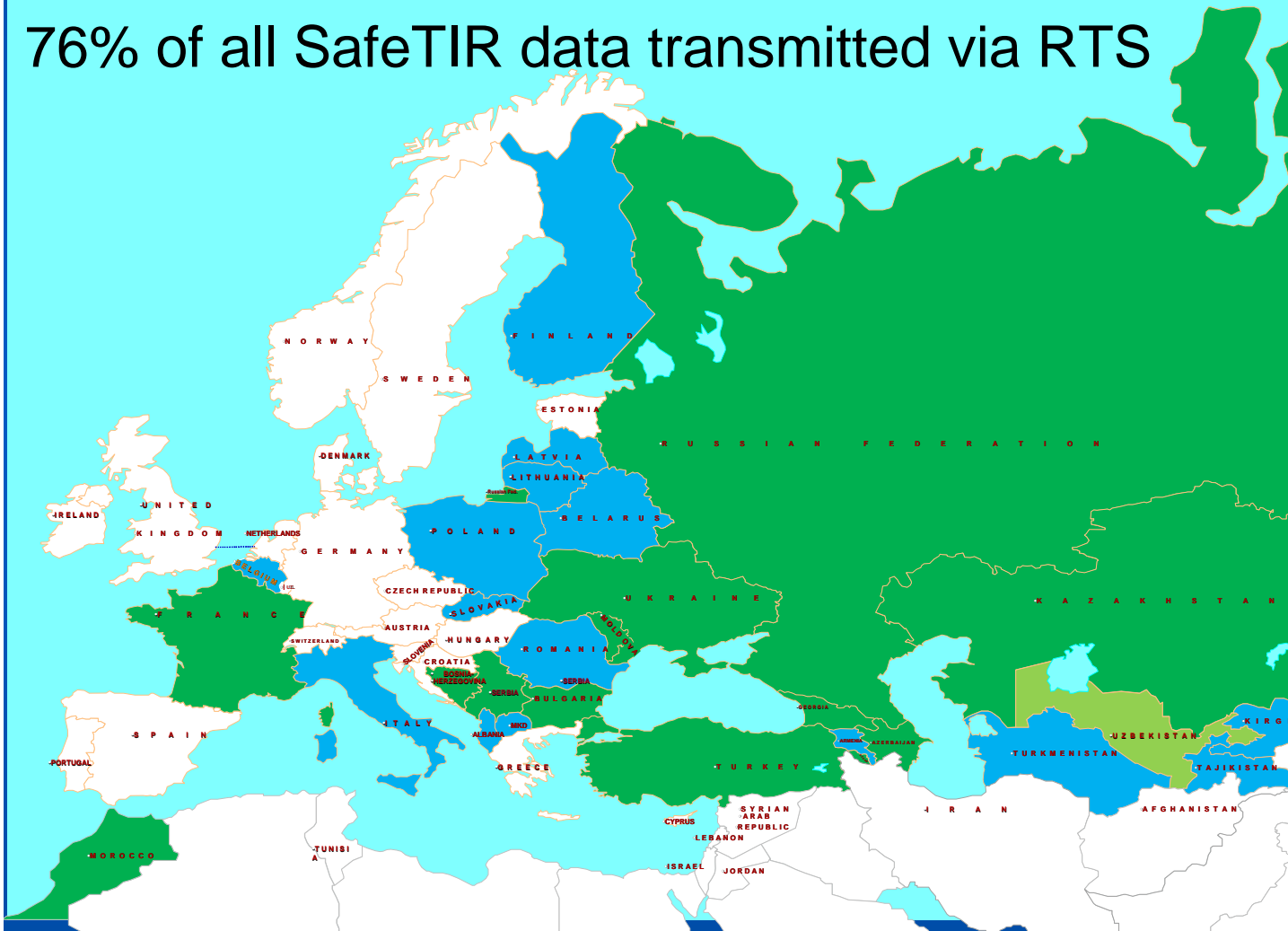
- Timely TIR Customs operations
- Reduced resource intensive activities
- Enhanced cargo throughput performance at borders
- Rapid reaction to deal with irregularities as they occur
- A reduction in specific work-related risks
- Note for EU members: Real Time SafeTIR is in line with EU legislation



Real-Time SafeTIR Progress

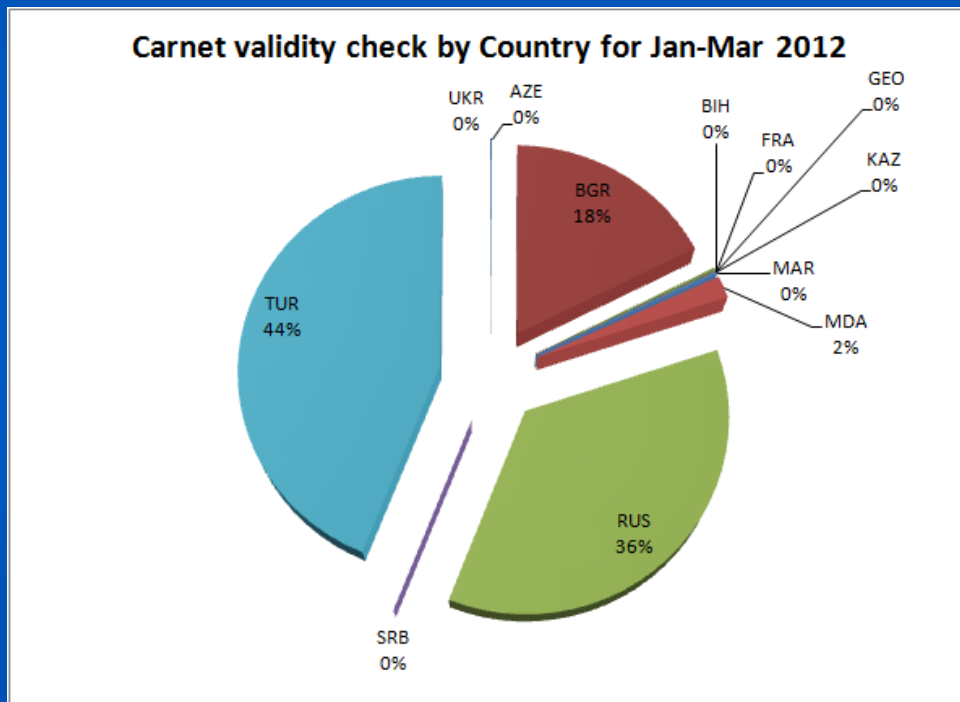
- Now 12 countries in operation!
- 3 new countries added since last GE.1 meeting:
 - Azerbaijan, Morocco & Serbia
- 1 successful tests with expected imminent going live expected:
 - Uzbekistan
- Following additional 15 countries are currently in the pipeline :
 - Albania (in collaboration with UNCTAD), Armenia, Belgium, Croatia, Finland, Italy, Latvia, Kirghizstan, Lithuania, Macedonia, Poland, Romania, Slovakia, Tajikistan, Turkmenistan
- 76% of all SafeTIR data transmission (Q1 2012)
- 48% of all TIR Carnets in circulation in Q1 2012 were check for validity at least once by one National Custom Authority

76% of all SafeTIR data transmitted via RTS



- Now 12 countries in operation
- 1 country in test ready to go live:
 - Uzbekistan
- 15 countries in the pipe:
 - Albania
 - Armenia,
 - Belgium
 - Belarus
 - Finland
 - Italy
 - Kirghizstan
 - Latvia
 - Lithuania
 - Macedonia
 - Poland
 - Romania
 - Slovakia
 - Tajikistan
 - Turkmenistan

RTS Carnet validity check statistics (TCHQ)



- 180'000 TIR Carnets were checked for validity in March 2012, representing 450'000 checks done in real-time against the central TIR information database (CUTE-Wise)
- Over the first 3 months of the year 2012, **almost 50% of all TIR Carnets in circulation were checked** at least once by one Customs Authority



TIRCUTE web

Overview

To transmit SafeTIR data until RTS is implemented
16 countries live!

- Switzerland
- Croatia
- Syria
- Denmark
- Lebanon
- Spain
- Belgium
- Jordan
- Portugal
- Tajikistan
- Ireland
- Sweden
- Slovenia
- Turkmenistan
- Armenia
- Mongolia

TIRCUTE web Cédric Oehafen | EN FR RU | Logout

Enter a TIR termination | Search for a TIR termination

Termination record: New

* TIR Carnet reference number

* Volet page number

* Customs office

* Customs ledger Date 13.07.2011

* Certificate of termination Date 13.07.2011

* Final or partial termination? Final Partial

* OK or with reservation? OK With reservation

Customs comment (optional)
Maximum 126 chars

No of packages (optional)

TIRCUTE web Cédric Oehafen | EN FR RU | Logout

Enter a TIR termination | Search for a TIR termination

Search Filter

Carnet Last modified | All Status | All

Result: 3007 Termination(s)

Status	Carnet #	P / F	OK / R	Page #	Customs	Certificate #	Certificate date	Ledger #	Ledger date	Last modified
	XQ58000037	F		4	Blandonnet		04.08.2011	139 774	04.08.2011	04.08.2011 11:40
	XH86605737	F		10	aalst			86	24.05.2011	05.07.2011 15:18
	AX58000000	F		4	éidéaa\$	ldkfje	05.07.2011	dskfsaoe	05.07.2011	05.07.2011 09:10
	JX58000026	F		2	eynatten			bla	02.07.2011	04.07.2011 16:33
	GX58000025	F		4	eynatten			bla	04.07.2011	04.07.2011 16:32
	MX58000027	F		14	eynatEN			beleynatten	04.07.2011	04.07.2011 16:24
	YX58000031	P		4	CUSTOMS 1			Ledger 1	04.07.2011	04.07.2011 16:08
	DX58000024	P		18	Genk			belgenk11070315-	03.07.2011	04.07.2011 15:53
	VX58000030	F		20	Customs OFice	Certificate	01.09.2010	Customs ledger	01.09.2009	04.07.2011 15:51
	VX58000030	F		4	123	123	04.07.2011			04.07.2011 15:42
	XZ58000040	F		2	eynatten			adsfkjhg637	04.07.2011	04.07.2011 15:22
	XW58000039	P		16	eynatten			sdfg763	01.07.2011	04.07.2011 15:18
	XT58000038	F		8	eynatten			sdfer895	01.07.2011	04.07.2011 15:17
	XQ58000037	F		4	eynatten			sdkfjhg987sd	04.07.2011	04.07.2011 15:15
	XN58000036	P		2	Genk			af86748 df	03.07.2011	04.07.2011 15:11
	XX65354617	F		4	gent			40	22.01.2011	04.07.2011 14:56
	PX66418649	F		8	genk	012387	15.06.2011	bel47965	15.06.2011	04.07.2011 14:53
	YX62521739	F		14	Genk			255	04.07.2011	04.07.2011 14:52
	XB58000009	F		8	eynatten	5478963..9	30.06.2011	BEL8796	30.06.2011	04.07.2011 14:45
	YX58000008	P		6	EYNATTEN	05788952	23.06.2011	BEL98652	23.06.2011	04.07.2011 14:43

Page 1 of 151 | Termination(s) 1 - 20 of 3 007

TIRCUTE web Bla Antcheva | EN FR RU | Logout

Enter a TIR termination | Search for a TIR termination

Confirmation
Termination successfully transmitted!

Termination record: XQ61576422 - Corrected

* TIR Carnet reference number XQ61576422

* Volet page number 10

* Customs office Eda

* Customs ledger -

* Certificate of termination 021440 2228 001 013, 2009 02 1

* Final or partial termination? Partial

* OK or with reservation? OK

Customs comment -

No of packages -

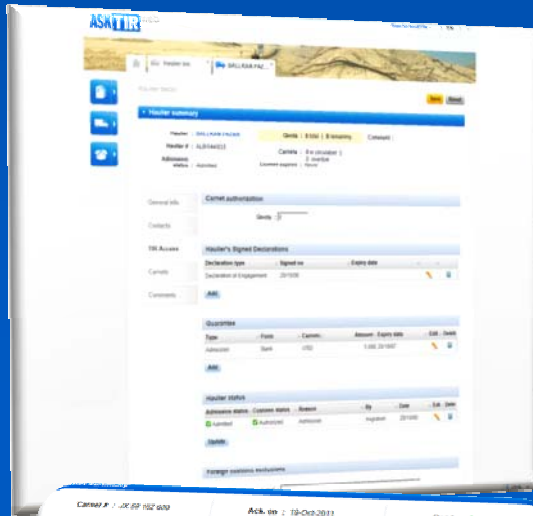


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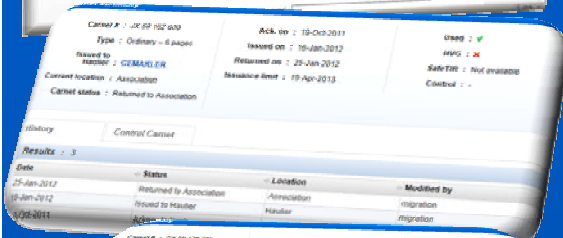


ASKTIR^{web} Vision



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**



ASKTIRweb Release 1 Online Training Available

Issue TIR Carnets

AskTIRWeb displays the Issuing Note details:

You can then:

- Click on 'New issue' to continue issuance to another haulier
- Click on 'New return' to continue registering return from a haulier
- Click on to close the issuance tab and return to the 'List of Carnets' tab

TIR Carnet Control Check

Information displayed in the Control Carnet - Control tab:

Carnet summary section:
general TIR Carnet data
holder
issuance
return
return (control) status
SafeTIR availability

View Stock Details

Stock Management - View details:

To view Carnet details (ranges of TIR Carnets on stock):

1. Click on the 'View Details' hyperlink in the Stock Summary section
- or
2. Select 'Type' and 'Pages', then click on the 'Filter' button

Results are displayed in the lower grid

Page 6 © International Road Transport Union

End user



Stakeholders



AskTIRWeb Online
+41-22-918 27 89



AskTIRWeb Offline
asktirweb_support@iru.org



Support & Maintenance Solution Services



1st Level Support
User Requests Management
2nd Level Escalation
Knowledgebase Maintenance

2nd Level Support
Issues Analysis
Maintenance Escalation
Application Monitoring
Knowledgebase Maintenance

Maintenance
Adaptive/Corrective Changes implementation
Knowledgebase Maintenance

TIR Application for Associations

1. Gueorguiev, Ilian
2. Antcheva, Ilka, Winiger, Mark
3. Receptionist

ASKW
Development
Team

Operations
Management
Team
- Bouvier Cédric
- Jovic Momir
- Carletto Philippe



Coordination

Operational Support & Maintenance Coordination
Release Management
Administration Management



B2C-C2B

TIR Computerization Progress

Conclusion



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



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