

B2C-C2B TIR Computerization latest progress Presentation to GE.1

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TIR Computerisation - Introduction

- Customs, IRU and national associations are working in close partnership to computerize TIR

- The TIR system is supported by efficient, secure message exchange mechanisms & risks management systems

- A central TIR system operated by the IRU is connected with all key Customs and national associations
 - TIR-EPD: 29 connected countries
 - Real-Time SafeTIR (RTS): 18 connected countries

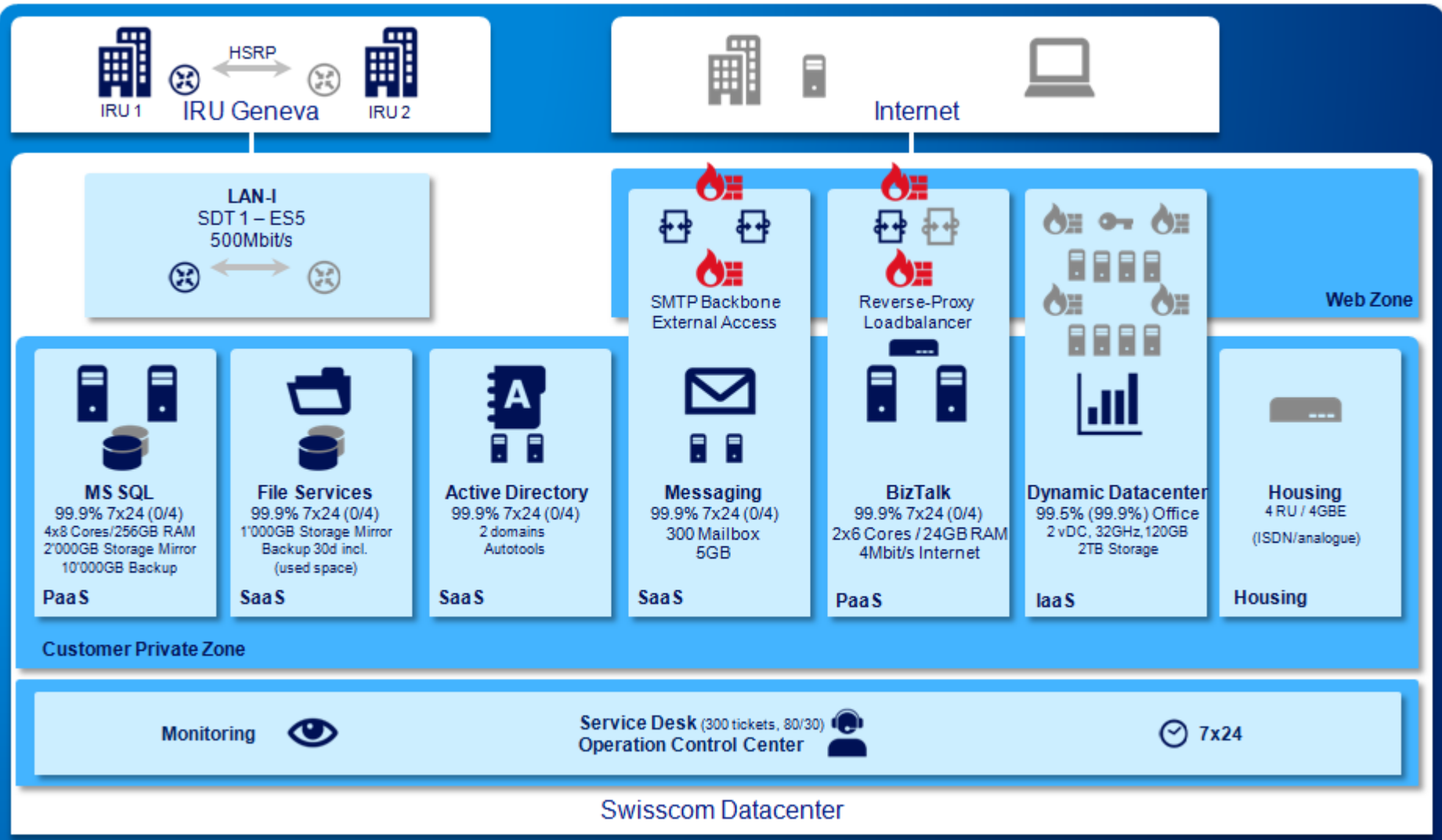
- TIR-EPD and RTS used jointly allow full computerization of the processes between Customs and IRU

IRU Most Secure Hosting Facilities in Switzerland



- ✓ IRU systems are hosted in two highly secure Swisscom data centers
- ✓ Located in Bern in the heart of Switzerland
- ✓ 24/7 monitoring and operations
- ✓ Guaranteed business continuity
- ✓ Green IT

IRU Hybrid Cloud High-Level Architecture



IRU Software Factory & Agile Methodologies



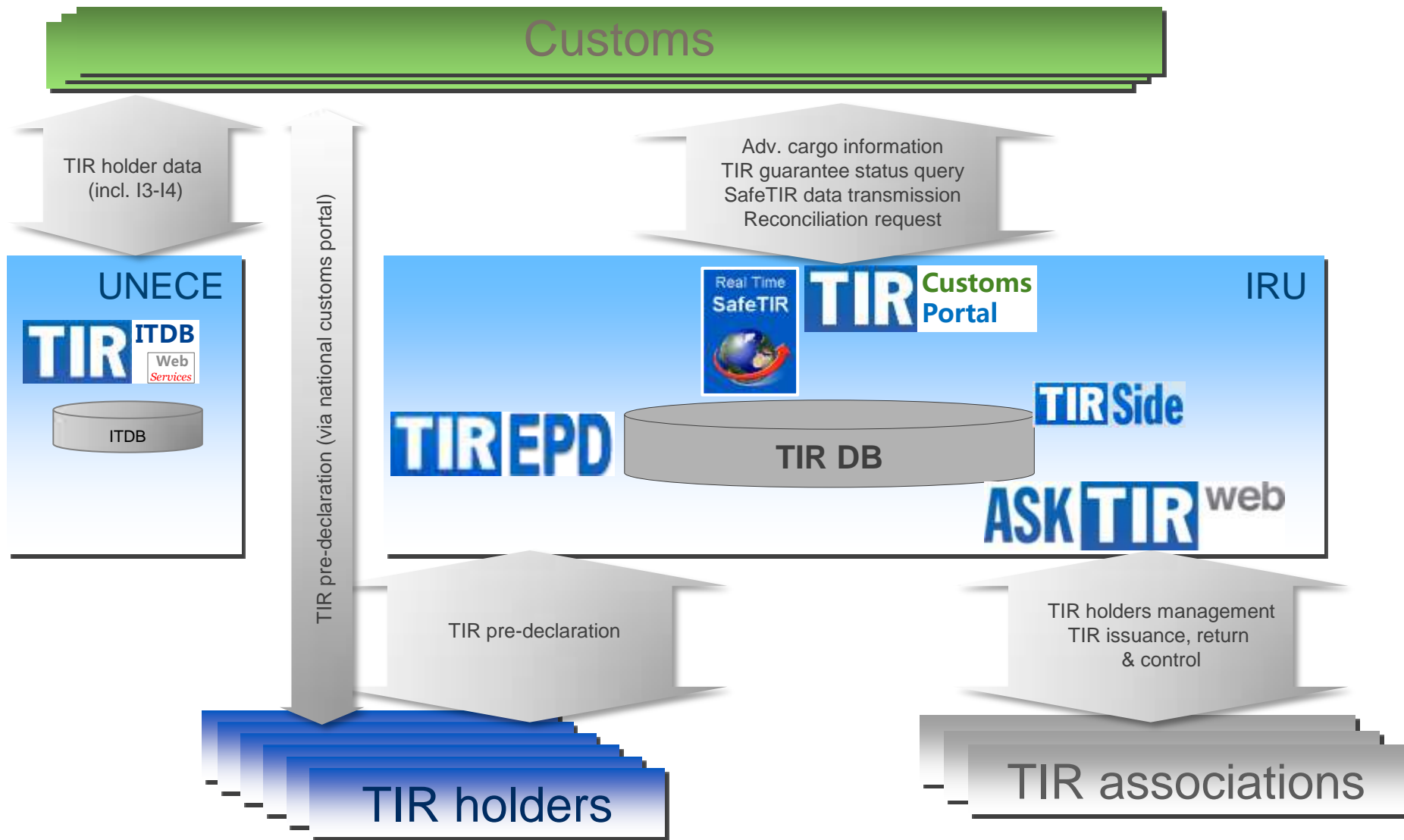
Goals

- Collaborative
- Result oriented
- Matching business needs
- Bringing proven results
- Moving fast

Agile Methodologies: Scrum, Kanban, XP, TDD

Software factory: Continuous Integration, Continuous Deployment

IRU Current computerization of TIR



IRU TIR Holder Portal



The screenshot shows the TIR-EPD web application interface. At the top, there is a navigation bar with the TIR EPD logo, language selection (English), and user profile (Philippe Grosjean). Below the navigation bar is a banner image with the text 'Jean Dupond Transports' and 'ASAG+'. The main content area displays 'New EPD - Carnet no. SX68359505' and a progress bar with steps: Carnet, Itinerary, Customs operations, Vehicle info, Consignments, and Send. The 'Consignment 0 of 1' form is visible, containing the following fields and options:

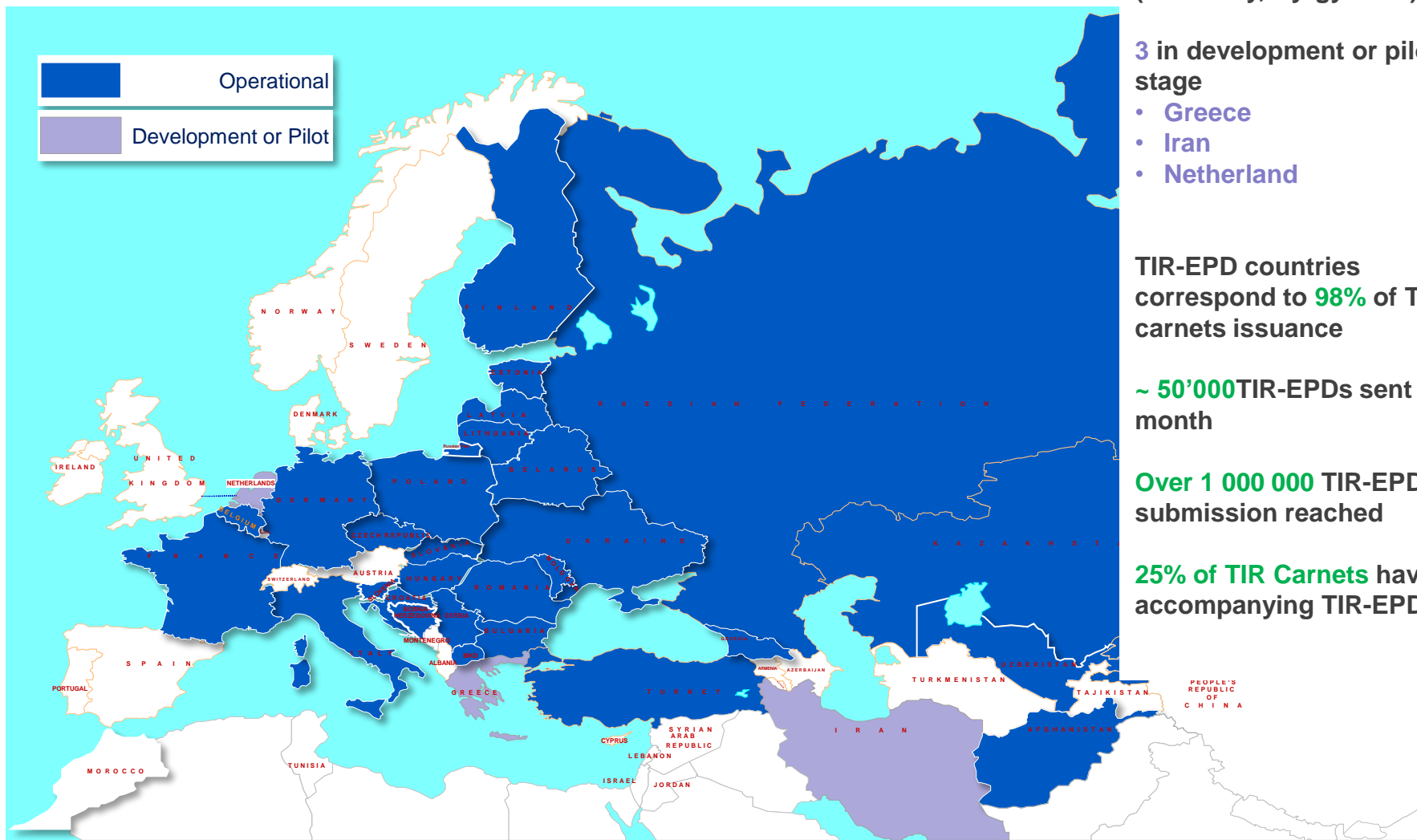
- Place of loading: Minsk
- Country of TIR departure: Belarus
- Place of unloading: Berlin / Abfertigungsstelle Berlin-Messe
- Country of TIR destination: Germany
- Transport charges: [Empty dropdown]
- Consignor: [Start typing to search...] with a checkbox for 'Same original consignor' (checked)
- Consignee: [Start typing to search...] with a checkbox for 'Same final consignee' (checked)
- Attached documents (0): + Add document
- Attached administrative documents (0): + Add document
- Mandatory fields: [Empty]

At the bottom of the form are buttons for 'Cancel', 'Save', and 'Add goods >'. The footer contains copyright information: © 2012 IRU — Terms & Conditions — TIR-EPD v1.11.25 - 06/01/2014 11:42 and the IRU International Road Transport Union logo.

TIR-EPD Key Features & Benefits

- Fully secure (inc. central DB check)
- Free of charge
- Data import
- Commercial data kept confidential
- EPD sent simultaneously to all countries
- Multilingual user interface
- Accessible via the internet from anywhere in the world
- 29 connected countries

IRU TIR-EPD Geographical Coverage



IRU Real-Time SafeTIR (RTS)



Real-Time SafeTIR Key Features & Benefits



- Secure real-time guarantee check
- SafeTIR data transmission
- Data reconciliation
- 18 connected countries

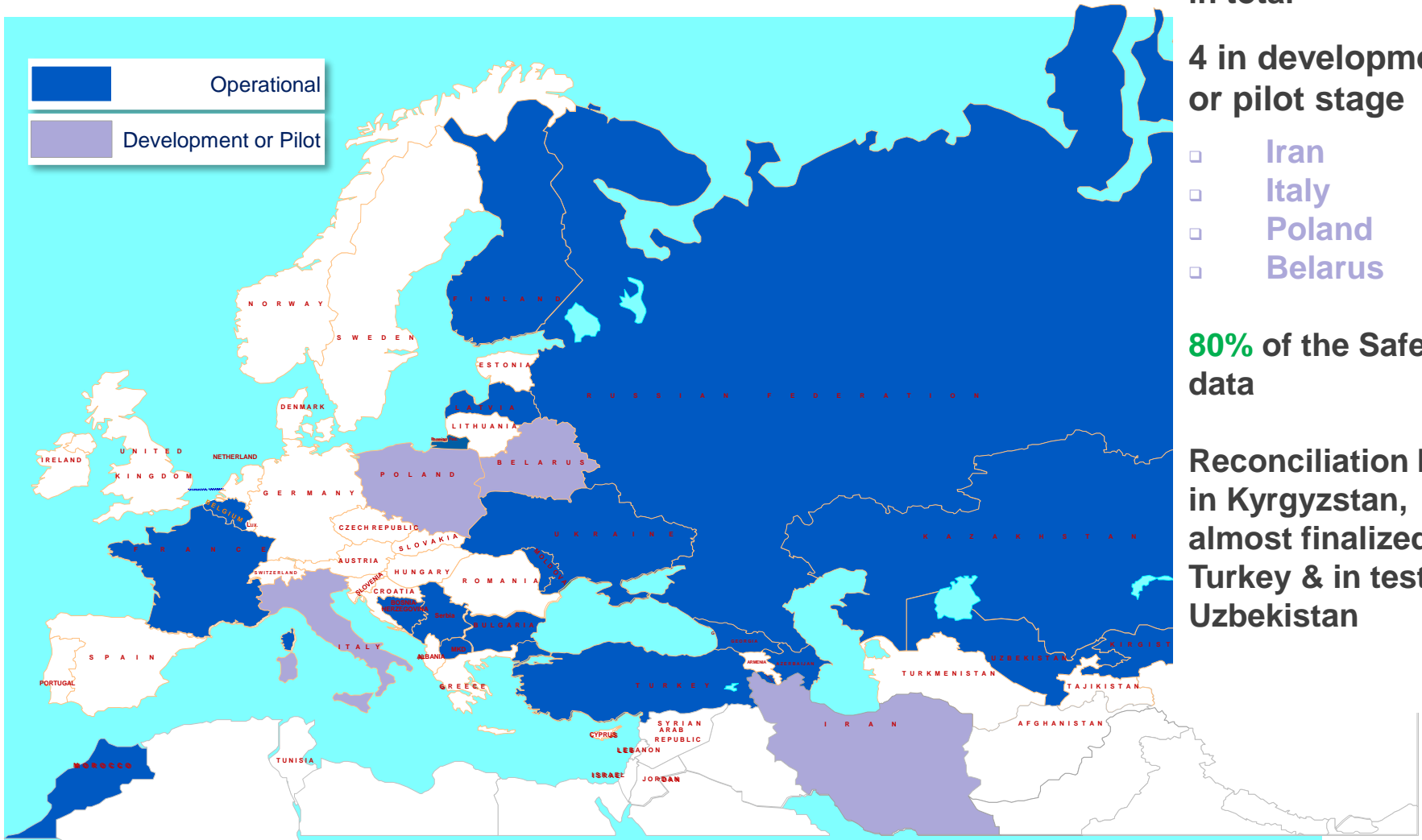
Now **18** countries in total

4 in development or pilot stage

- Iran
- Italy
- Poland
- Belarus

80% of the SafeTIR data

Reconciliation live in Kyrgyzstan, almost finalized in Turkey & in test in Uzbekistan



IRU NEW: TIR Customs Portal



Consultation Of TIR Carnet Data **CUTE Wise** CUTE - How Use Tools IRU

GLOBAL LIST OF INVALID TIR CARNETS

Select The Format: Text / No Header
Select The Language: English
DOWNLOAD

LISTS OF INVALID TIR CARNETS UNUSED AND WITHIN THEIR EXPIRY DATE

List Of TIR Carnets Invalidated After Being Issued To A Holder | List Of TIR Carnets Invalidated Before Being Issued To A Holder

Select The Format: Text / No Header | Select The Language: English



TIRCUTE web

Search for a TIR termination

Confirmation: Termination successfully processed

Termination record: XQ61576422 - Corrected

- * TIR Carnet reference number: XQ61576422
- * TIR Carnet page number: 03
- * Customs office: E3a
- * Customs badge: -
- * Certificate of termination: 031940 2239 001 010 2009 02 1
- * Final or partial termination?: Partial
- * OK or with reservation?: OK
- Customs comment: -
- No. of packages: -

Date: 04 04 2009

Back to list | **Cancel** | **Details**

English

TIR Customs Portal

Home | Transit Operations | Consultation Of TIR Carnet Data | Download Lists Of Invalid TIR Carnets

Welcome to TIR Customs Portal

Statistics
Dynamics of data transmissions

Shortcuts
Create Termination

IRU TIR Customs Portal

The screenshot displays the IRU TIR Customs Portal interface. At the top, there is a language selector set to 'English' and a user profile icon for 'BRRU / SafeTIR'. Below this is the 'TIR Customs Portal' header. A navigation bar contains two tabs: 'Consultation Of TIR Carnet Data' (selected) and 'Download Lists Of Invalid TIR Carnets'. The main content area is titled 'View TIR Carnet'. It features a search form with the input 'R250001', a yellow 'Search' button, and 'Clear' and 'Print' buttons. Below the search form, the 'Carnet status' is shown as 'The TIR carnet was returned to the IRU'. The 'Issuing association' section displays 'SLOINTE, Slovenia (SW)' and the logo for 'Itt GZ INTERTRANSPORT'. The 'Holder details' section shows 'N/A'. The 'Carnet general information' section includes 'Carnet type: 14 pages', 'Yellow manifest language: Slovenian (SL)', and 'Issued to association on: 11/09/1998'. The 'Customs operations (1)' section contains a table with the following data:

Country	Customs	P / F	OK / R	Page #	Ledger #	Certificate #	# of packages	Customs comments	Received by IRU
ITA	07104MLAND / CONCOREZZO	F	OK	4	00039 14101998	4 B01163P 14101998	0		20101998

At the bottom of the page, there is a footer with '© 2014 IRU', 'Terms and Conditions', 'TIR Customs Portal 1.0.0', and the IRU logo.

TIR Customs Portal Key Features & Benefits

- Accessible by all customs officers via the internet from anywhere in the world
- RTS Fallback
- Up-to-date guarantee status
- Online control of TIR Carnet validity
- Online transmission of SafeTIR data

IRU TIR Association Portal **ASKTIR**web

Control Carnet Enter a Carnet number

Carnet summary

Carnet #	XB 72 413 488	Ack. on	06/09/2013	Used	<input checked="" type="checkbox"/>
Type	Ordinary - 14 pages	Expiry date	30/12/2013	HVG	-
Issued to	417 - TOO "Omega Stroy Group"	Issued	31/10/2013	SafeTIR	Available
Current location	Almaly	Declared	-	Control	<input checked="" type="checkbox"/> - Further transportation of the national procedure
Current status	Controlled by Association	Returned	25/12/2013	Packaged in	10155
		IRU return limit	25/04/2014	Incident	Create

Safe TIR termination : 1

Country	PIF	OKR	VPN	Customs office	Customs ledger	CL date	Certificate	Certificate date	Comment	Reception date
LTU - Lithuania	F	<input checked="" type="checkbox"/>		0 LTVR3000	13LTVK1000	09/12/2013	13LTVK100013B0	09/12/2013	-	

Control Transport Reconciliation Documents

Carnet state

Used yes no

CMR attached? yes no CMR OK? yes no

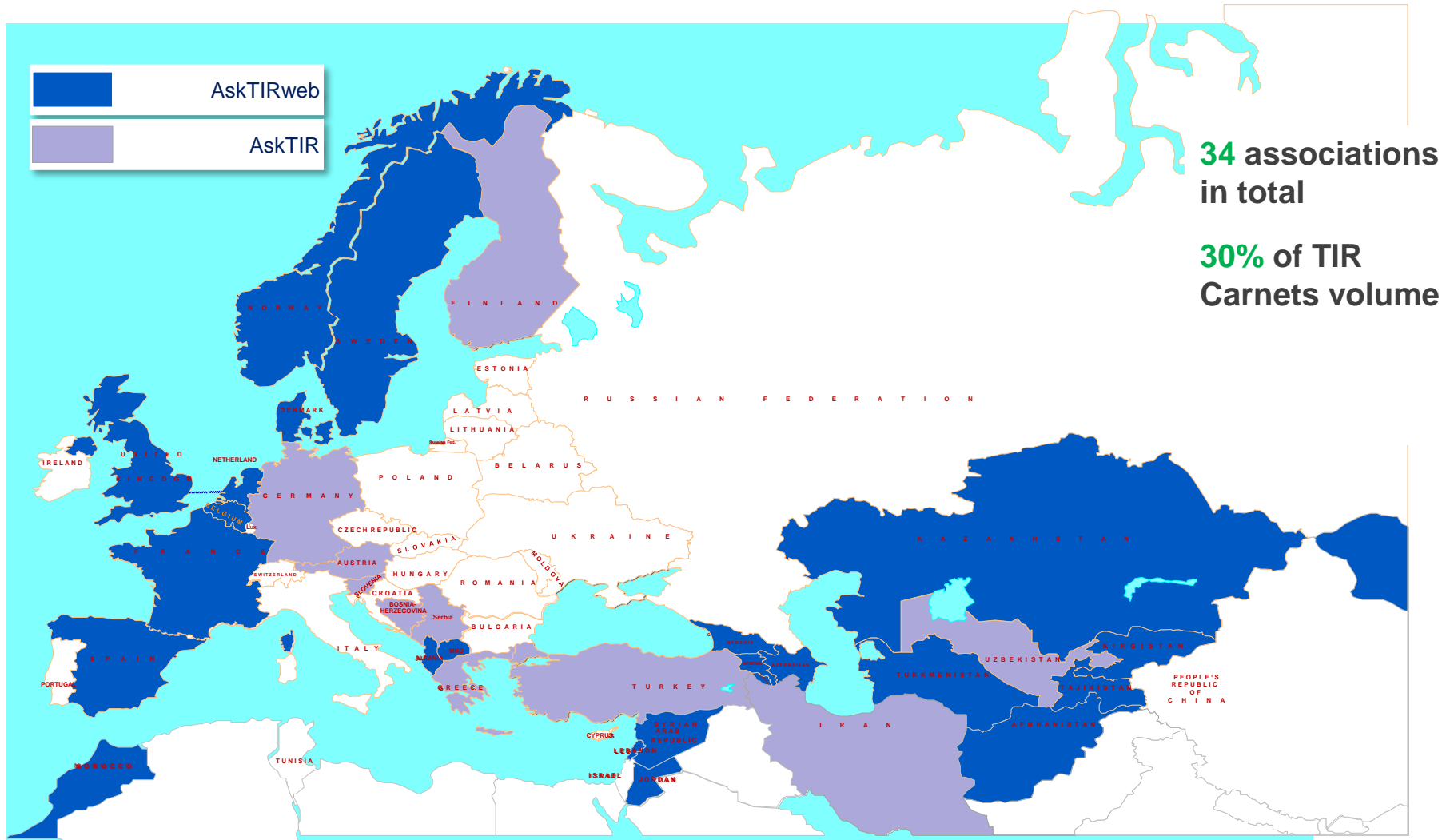
Start date (departure) Termination date (destination)

Control result : 2

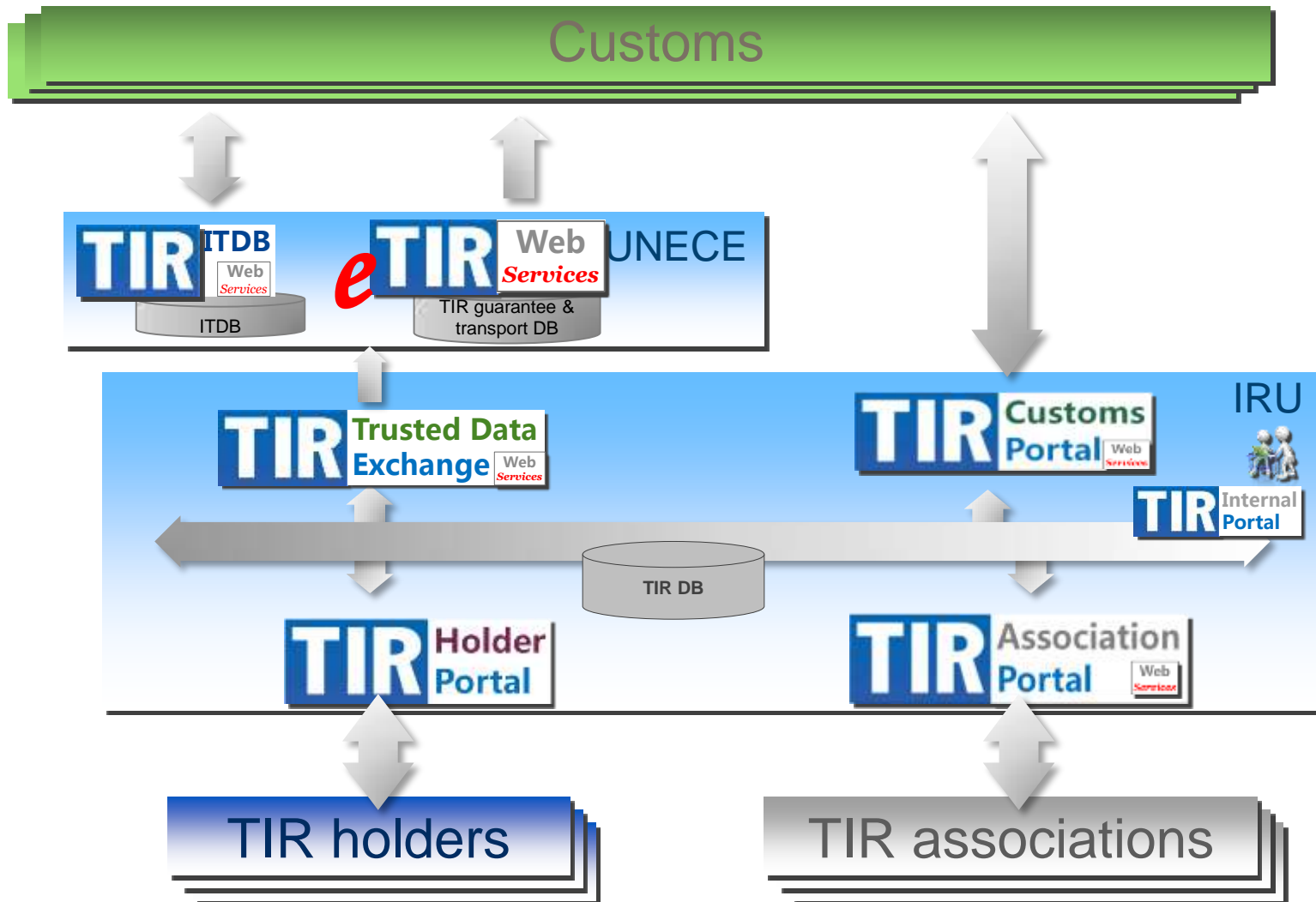
Result	Comment(s)	Used	CMR OK?	SafeTIR	Controlled by	Date
<input checked="" type="checkbox"/> - Further transportation	дальнейшая перевозка по ТД	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	abaimukham	21/08/2014
<input checked="" type="checkbox"/> - Further transportation	дальнейшая перевозка по ТД	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	abaimukham	21/08/2014

AskTIRweb Features & Benefits

- TIR Holder admission process
- TIR Carnet issuance and return
- Risk management
- Available in national languages (Chinese & Farsi coming soon)
- Web service interface and management of electronic guarantees under development
- 24 associations in operation



Short term focus: eTIR pilot



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

- Focus moving forward:
 - Implement ability to issue and manage electronic guarantees & demonstrate that TIR can work paperless
 - UNECE-IRU joint eTIR Pilot vision: to make the first (simplified but yet realistic) step towards the implementation of a fully functional eTIR system, as described in the eTIR Reference Model.

