



Computerisation of the TIR system

Geneva, February 2nd 2011

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Agenda

1. Computerization of TIR
2. SafeTIR transmission & Real-Time SafeTIR (RTS)
3. TIR-Electronic Pre-Declaration (TIR-EPD)
4. Cooperation with UNCTAD
5. Next steps and conclusion



Computerisation of TIR Background

A true public – private partnership:

As the implementing partner of TIR system since 60 years, the IRU has been successfully working with Contracting Parties within the WP-30 and at national level as well as with IRU Associations to reinforce the security of the TIR System.

The computerization of the TIR system by the IRU has started 35 years ago as follows:

- By computerising the exchange of TIR carnets termination data and invalid carnets data amongst Customs, Associations and IRU
- By making available for Customs, online and free of charge, the statuses of all TIR carnets (CUTE-Wise)
- By computerising the management of TIR carnets at the levels of the Associations and the IRU



Computerisation of TIR Span of Work

- In the past 35 years, the IRU has built **more than 50 applications** to computerize the TIR System in cooperation with Customs Authorities and IRU Associations:
 - TIR Carnet Status information: CUTE-Wise
 - SafeTIR data transmission: CUTE used in 23 countries, CUTE PAD, GasKit
 - Real-Time SafeTIR: query, upload and request/reply web services used in 6 countries
 - TIR-EPD: web application, B2C + C2B web services deployed in 11 countries
 - TIR Carnet Management applications for associations: ATIRS98 and AskTIR deployed in 34 countries
 - TIR Carnet Management applications at the IRU Headquarters in Geneva: Carneting, Charisma, BriruTools, Dispatch, Issue, Return

- The IRU has had fruitful IT contacts and collaboration with national Customs Authorities and IRU associations in all Contracting Parties' countries



Computerisation of TIR Latest Developments

- The computerisation covers the whole cycle of the TIR Carnet and meets all new requirements such as:
 - **Online exchange of data between IRU and Customs on TIR carnets status**
 - Through Real-Time SafeTIR (RTS)
 - **Pre-declarations of TIR data for all Customs**
 - Including the new security requirements of the WCO Safe Framework and EORI requirements
 - Through TIR-Electronic Pre-Declarations (TIR-EPD)



Computerisation of TIR Achievements

1. **SafeTIR: 93% data transmission**
7% of the data still missing (i.e. 70M USD guarantee at risk daily) => need further cooperation
2. Great achievement with **Real-Time SafeTIR (RTS)** implementation. More and more countries are joining.
3. TIR-EPD now available in **11 countries**
4. Agreements signed with further major TIR countries to implement **RTS and TIR-EPD**
5. Memorandum of Understanding between **IRU and UNCTAD**



SafeTIR Data Transmission % and Delays

Annex 10: 100% of SafeTIR data to be transmitted within 24h

European Union



92 %
4 days

Customs Union
Belarus/Kazakhstan/Russia



99 %
2 days

Goal: get 100% SafeTIR data transmission in less than 1 day with progressive introduction of Real-Time SafeTIR (RTS)



SafeTIR Data Transmission How to progress?

1. Fully implement Annex 10 + New Best Practice adopted by Administrative Committee in 2010
2. Implement Real-Time Safe TIR (RTS)
3. Automatically extract data from NCTS as have Bulgaria and France



RTS Implemented in Partnership with National Authorities

- Allows **real-time transmission of data and immediate detection of irregularities**
- Allows **real-time check of the validity of the TIR Carnet at any Customs point** through Customs query mechanism
- First implemented in pioneer country **Russian Federation** in 2006:
Allowed **decrease of irregularities from 1'600 per year down to 10!**
- Implemented in **Kazakhstan, Ukraine, Bulgaria, France and Bosnia Herzegovina** in 2010
- **Great interest to implement RTS** expressed by Azerbaijan, Belarus, Finland, Georgia, Iran, Lithuania, Macedonia, Moldova, Morocco, Turkey, Uzbekistan and more



RTS Advantages

For Customs:

- Facilitates through IT tools the work of Customs officers
- Automatic electronic SafeTIR data entry and exchange
- Real-time proof of TIR carnet validity
- Effective risk management tool
- Facilitated SafeTIR reconciliation procedures
- Allows real-time detection of irregularities

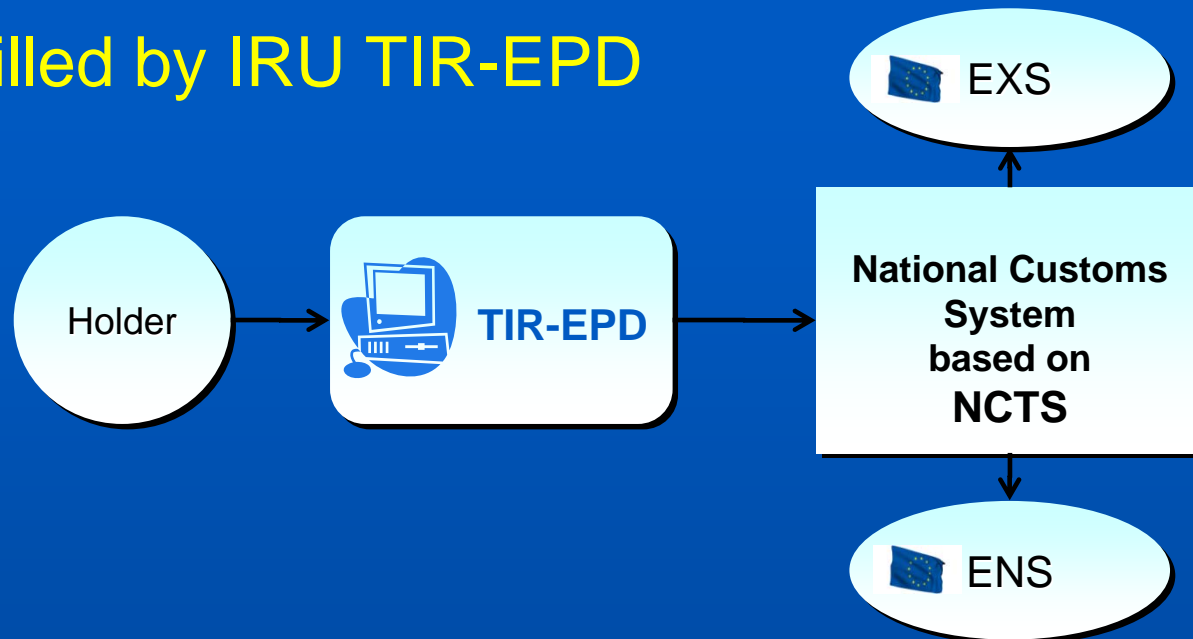
For the Guarantee Chain:

- Effective risk management tool
- Real time availability of the termination data for the Associations
- Facilitates reconciliation procedures
- Allows rapid treatment of irregularities



TIR-EPD Introduction

- TIR electronic pre-declarations mandatory in EU since January 2009
- New EU Safety and Security requirements since January 2011
- **Both fulfilled by IRU TIR-EPD**





TIR-EPD Advantages

For Customs:

- Facilitates and secures trade
- Allows advanced risk analysis
- Facilitates through IT tools the work of Customs officers
- Expedites border crossing procedures
- No manual data entry
- Allows assessment of revenues
- Secure EPD data transmission of authenticated and authorized sender
- Allows conformity with requirements of the Harmonization Convention

For TIR Carnet Holders:

- Access application via Internet to all customs without broker
- Multilingual “Single window” concept to send EPD simultaneously to all relevant customs
- Facilitates border crossing procedures

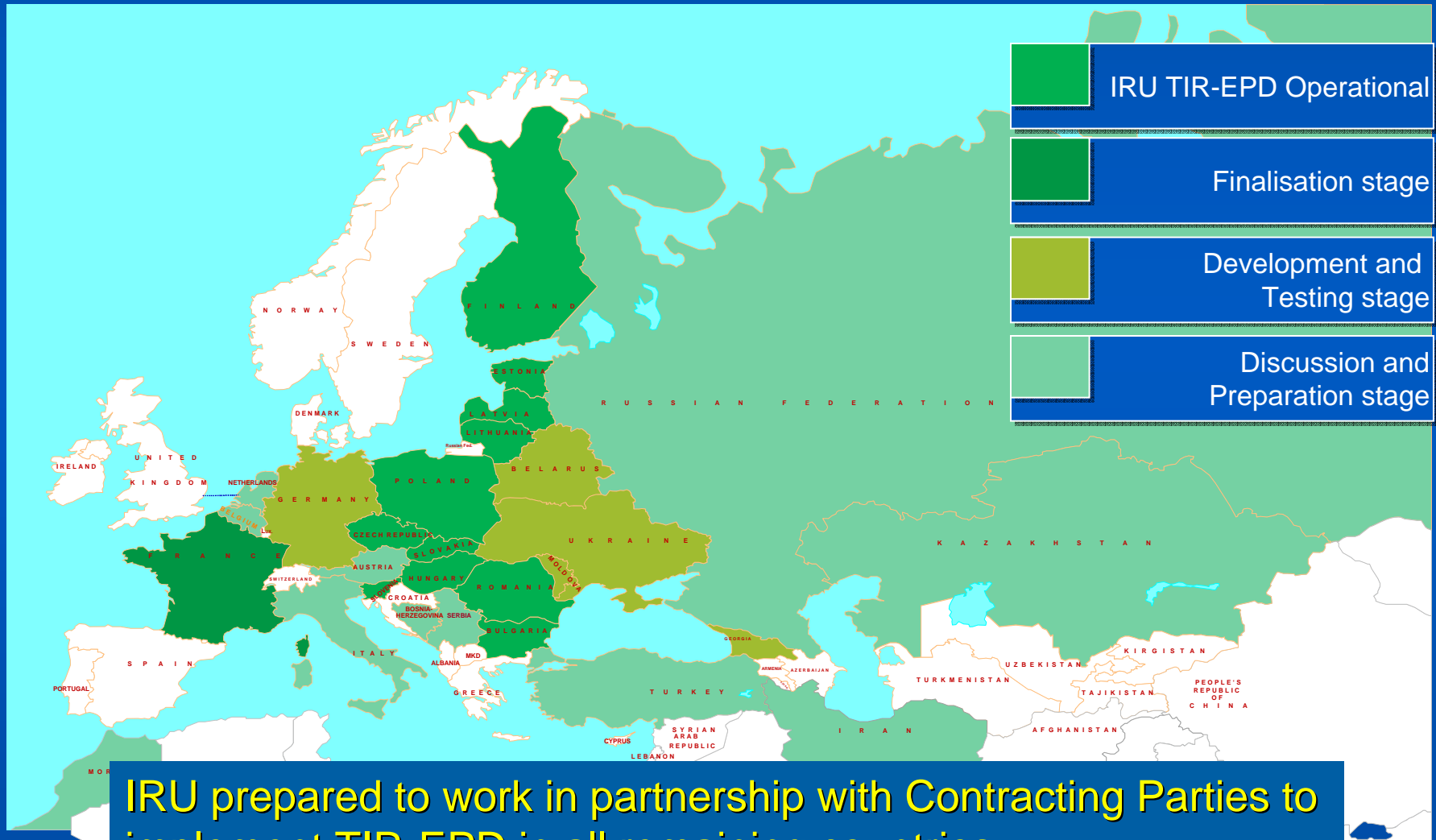


TIR-EPD facts and features

- Interface now available in **15 languages**
- Operational now in **11 countries**:
Bulgaria, Czech Republic, Estonia, Finland, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia
- Complies with **new Safety and Security EU regulations** which came into force 1 January 2011
- Meets **national Customs systems requirements**
- Will be available in **many more countries in 2011**:
Belarus, Bosnia-Herzegovina, France, Georgia, Germany, Belgium, Kazakhstan, Moldavia, Morocco, Russia, The Netherlands, Ukraine and possibly Austria, Iran, Italy, Serbia and Turkey



TIR EPD Countries



IRU prepared to work in partnership with Contracting Parties to implement TIR-EPD in all remaining countries



RTS and TIR-EPD

Including all countries in Discussion and Preparation stage





IRU – UNCTAD Cooperation

- A MoU has been signed in April 2010 to allow ASYCUDA countries to automatically benefit from TIR-EPD and RTS



ASYCUDA World TIR



IRU – UNCTAD Cooperation

- UNCTAD has developed the ASYCUDA customs system, including a TIR module
- UNCTAD will enhance **the TIR module to allow automatic implementation of RTS and TIR-EPD**
- Implementation is planned in **Moldova and Georgia** by early 2011
- Various Contracting Parties showed further concrete interest (Afghanistan, Syria, Iran)
- Numerous current + future TIR countries **WORLDWIDE** could benefit automatically and free of charge from TIR-EPD + RTS through ASYCUDA World TIR



Next Steps

- Further computerize TIR step by step in partnership with every Contracting Party through:
 - Implementing RTS (Real-Time SafeTIR), i.e. the real-time electronic exchange of carnet validity and termination data
 - Implementing TIR-EPD (TIR Electronic Pre-declaration)

- Accelerate the computerisation while respecting the full sovereignty of each Customs Authority through:
 - The harmonisation and standardisation of “Business-to-Customs” IT communication and data exchange as call for in the IRU’s B2C resolution



Benefits of the current step by step approach

- Sovereignty of national Customs Authorities
 - fully preserved and guaranteed
- Pragmatic and easy to implement
 - Both TIR-EPD and RTS can be implemented in outstanding countries, where requested, in a short timeframe of between 1 to 3 months
- Flexibility
 - Until harmonisation is achieved, each countries' IT security and technologies, data elements required, communication methods and protocols, message formats and structure can be accommodated through the existing public – private partnership



Conclusion

- Major milestones have been achieved in the computerisation of TIR
- Further progress can be made by implementing RTS and TIR-EPD in all outstanding countries
- **The IRU remains fully committed to work with each Customs Authorities to make it happen**



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