



IT tools + eTIR

E. WILLEMS
Tir secretariat

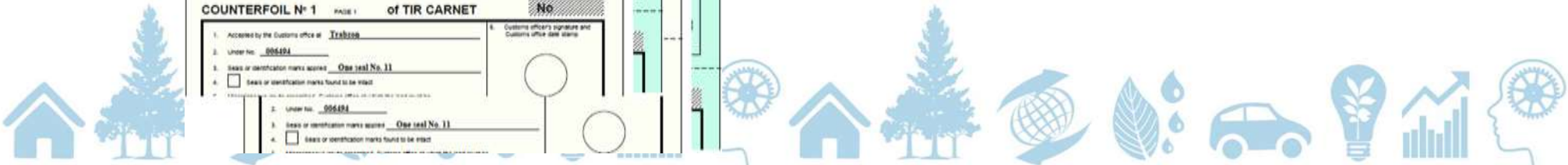


Computerization of the TIR ...

VOUCHER N° 1 PAGE 1		1. TIR CARNET No. _____	
2. Customs office of departure 1. Trabzon 2. Erenköy		3. Name of the international organization IRU - International Road Transport Union	
For office use		4. HOLDER OF THE TIR CARNET (NAME, ADDRESS AND COUNTRY) TURSPEĐ MEHMET FIR MİHTELEYAN Nakliyat A.Ş. Merkaz Mah. Değirmenbaşı Sok. No:19 Yumurtasın Bakırköy İSTANBUL TUR-042/8	
7. Registration code of road vehicles 34 ZH 0945		5. Country/Countries of issue Turkey	
GOODS MANIFEST		6. Country/Countries of destination Switzerland, Germany	
9. (a) List of compartments or containers (b) Marks and Nos. of packages or articles		10. Number and type of packages or articles, description of goods	
AB 1 - 800 CD 1 - 800		Trabzon Customs office For Bern: Towah, boxes, 800 packages For Freiburg: Limes, coils, 500 packages	
		11. Gross weight in kg 5600 4300	
		12. Seal or identification mark, model, number, identification One seal No. 11	
13. Total number of packages entered on the manifest Description		13. I declare the information in items 1-12 above to be correct and complete	
Number: 1300		14. Place and date Trabzon, 28.05.2003	
1. Customs office Bern 800		15. Signature of holder or agent Signatures	
2. Customs office Freiburg 500		16. Customs office of departure. Customs officer's signature and Customs office seal stamp 28.05.2003 Stamp and signature (Trabzon)	
3. Customs office			
18. Certificate for goods taken under control (Customs office of departure or of entry en route: Trabzon)			
<input type="checkbox"/> Seals or identification marks found to be intact			
20. Time limit for transit 31.05.2003			
21. Registered by the Customs office at Trabzon under No. 096494			
22. Miscellaneous (operary documents, Customs office at which the goods route proposed, etc.) Erenköy			
23. Customs officer's signature and Customs office seal stamp 28.05.2003 Stamp and signature (Trabzon)			
COUNTERFOIL N° 1 PAGE 1		of TIR CARNET No. _____	
1. Accepted by the Customs office at Trabzon		4. Customs officer's signature and Customs office seal stamp	
2. Under No. 096494			
3. Seals or identification marks applied One seal No. 11 <input type="checkbox"/> Seals or identification marks found to be intact			
2. Under No. 096494			
3. Seals or identification marks applied One seal No. 11 <input type="checkbox"/> Seals or identification marks found to be intact			



Step by Step....





Safe TIR /CUTEWISE (IRU) :

Problem:

→ Time gap to detect if a TIR operation is terminated = risk

Answer :

SaFeTIR





TIR ITDB (UNECE)

Problem:

→ Foreign transporters unknown to customs can start a TIR transport

Answer :

TIR ITDB : database TIR carnet holders





What is ITDB?

ITDB stands for International TIR Data bank

It helps to monitor the controlled access of transport operators to the TIR system

It is a database containing information on all transport operators ever authorized to use the TIR procedure

It is best filled in by National Associations and approved by Customs. (other options exist)

It is consulted by Customs authorities through ITDBonline+ website, national associations can see the data of their own members



ITDBonline+ website

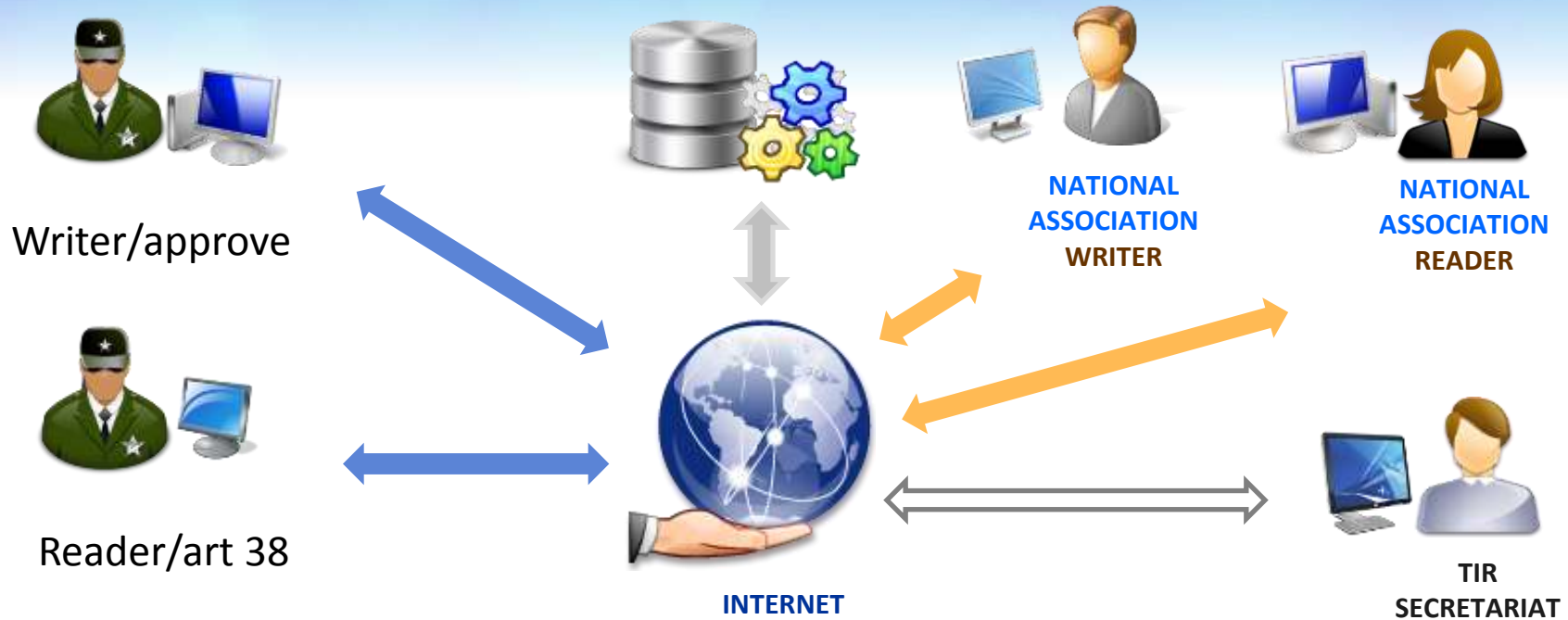


- Multilingual web application to consult the TIR database (ITDB)
- Consulted by authorized Customs officers and national associations
- Collaborative tool between Customs authorities and national associations





TIR ITDB WEB





Use of ITDBonline+

CUSTOMS CAN :

- consult the status of TIR Carnet holder's data
- add a new TIR Carnet holder
- update a TIR Carnet holder
- withdraw a TIR Carnet holder:
 - > permanently
 - > temporarily
- notify the end of activity of a TIR Carnet holder
- **exclude** a TIR Carnet holder in a country (**only Customs**)
 - > Rehabilitate a TIR Carnet holder





ITDBonline+

TIR International TIR Data Bank (ITDB)

Home

Online services

My profile

Contact us

Help



You are logged as: **Mr. Erik Willems**

Search

National association: Association Marocaine des Transports Routiers Internationaux
Customs Authority: Direction Générale des Douanes et impôts indirects

TIR Carnet holder:

ID Number:
Company Name:
Business registration or license number:
TIR authorisation date:

Business address:

Street, no.:
PO Box:
ZIP Code:
City:
Country:

Contact:

Contact Person:
Telephone:
Fax:
E-mail:

DETAILS



Legal basis for ITDB

- The existence of ITDB is a consequence of the TIR authorization procedure based on the provisions of article 6.4 and 6.5
- The TIR authorization procedure is described in Annex 9 Part II paragraphs 4 and 5 involves the transmission of data
- The terms of reference of the TIR Executive Board (TIRExB) establish that the TIR secretariat, under the direction of the TIR Secretary, shall undertake:

The establishment and maintenance of an international Governmental TIR data bank accessible to all Contracting Parties





UNECE REGISTER OF CUSTOMS SEALS AND STAMPS

Problem:

→ Customs officers must be able to control the seals and stamps of other Contracting Parties

→ Answer : Register of customs seals and stamps





REGISTRE de la CEE-ONU de DISPOSITIFS DE SCHEMEMENT et DE TIMBRES DOUANIERS



• **Application web :**

• **Consulted by authorized
Customs officers**



Turkmenistan

Customs Sealing Devices

Model 1:

The wire seal with a number consists of a metal frame with a locking mechanism and a wire rope.

Colour: green.

Frame dimensions: 20 x 30 x 10 mm.

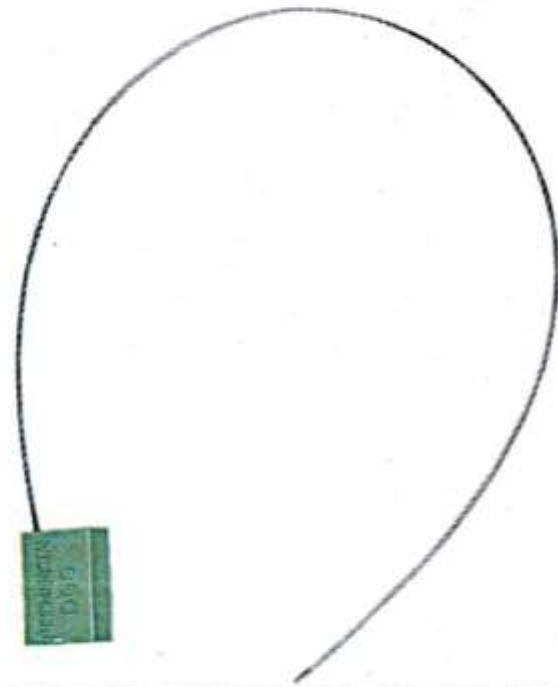
Length of a wire rope: 410 mm with a diameter of 1.6 mm. Every seal has a specific number from a range of: 0000001 -1000000;

Front side of a seal

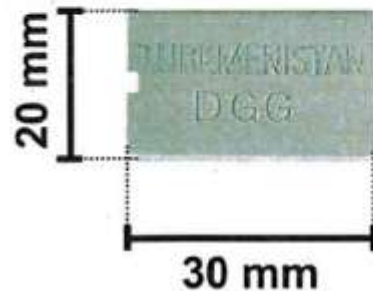
The front side of a seal contains the text: TURKMENISTAN DGG (DGG - State Customs Service).

Back side of a seal

The back side of a seal contains an individual number from a range of: 0000001 -1000000 (for example "0184842").



Front side



Back side



Example of stamp



Example of stamp enlarged



Stamp 2:

1. The personal number stamp is round with a diameter of 25 mm. Every inspector who is responsible to make customs clearance of goods uses the individual stamp with specific and not reproducible number. It is confirmed to use only blue ink by the Customs Service of Turkmenistan.

2. TURKMENISTAN

3. Number associated to the personal stamp (for example 0211)

4. State Customs Service

5. Image of olive branches turned to different directions, a half moon and 5 pointed stars.





TIR EPD (IRU)

Problem :

→ Customs impose advance cargo information

→ Answer:

– TIR EPD





TIR EPD (IRU)



- TIR Carnet holders can send in advance electronic TIR Carnet data to the customs authorities
- Control of the validity of the TIR Carnet
- Data to be used for risk analysis in advance (quicker release of a TIR transport at the borders)





TIREPD

TIR EPD English Philippe Grosjean

Jean Dupond Transports

ASAGT+

Home EPDs Company info Admin Help

New EPD - Carnet no. SX68359505

Consignment 0 of 1

Place of loading: Minsk
Country of TIR departure: Belarus

Place of unloading: Berlin / Abfertigungsstelle Berlin-Messe
Country of TIR destination: Germany

Transport charges

Consignor
Consignor: Start typing to search... Same original consignee

Consignee
Consignee: Start typing to search... Same final consignee

Attached documents (0)
+ Add document

Attached administrative documents (0)
+ Add document

Mandatory fields

Cancel Save Add goods >

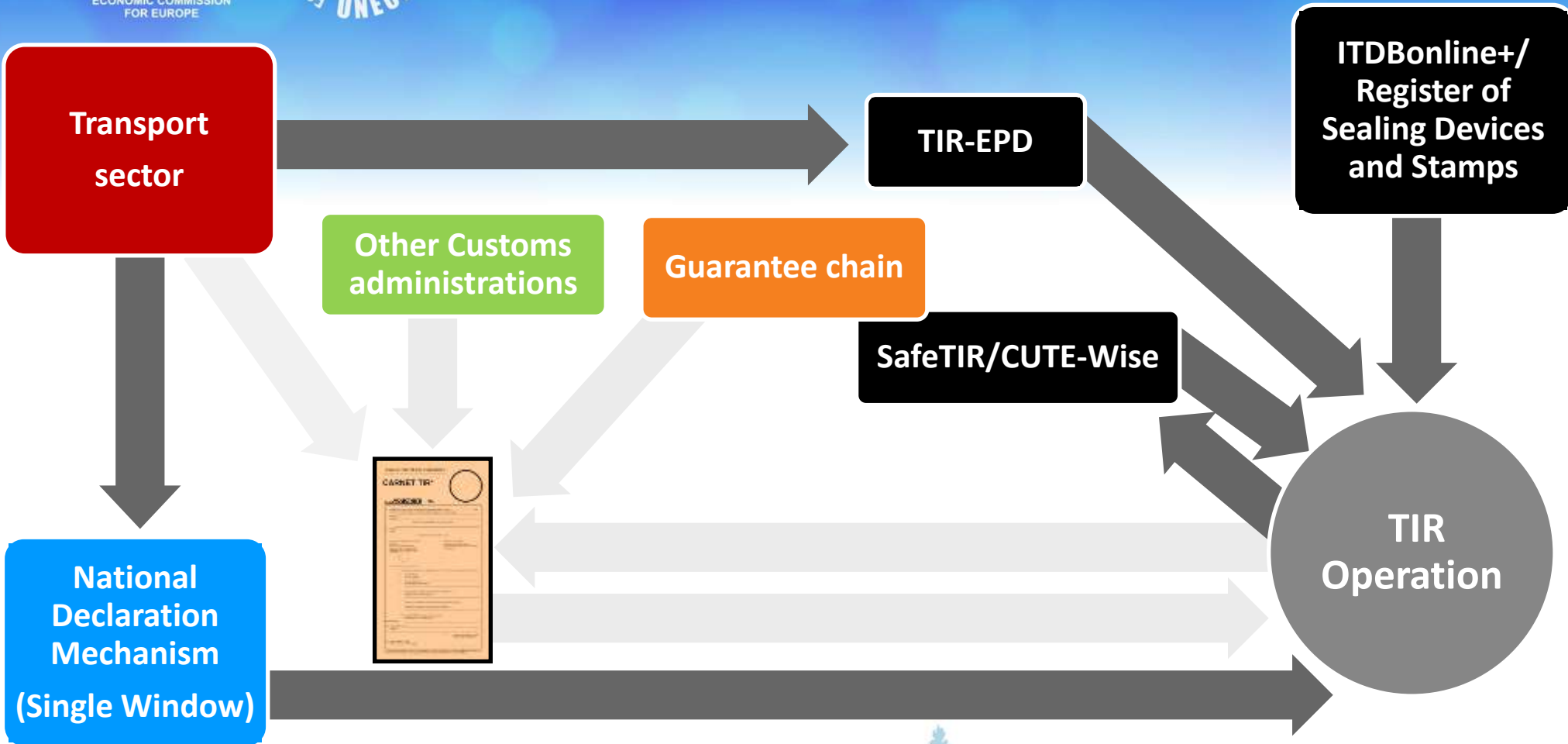
TIR-EPD Key Features & Benefits

-29 countries connected





Current environment





eTIR Project





Rationale for the eTIR project

Private

Public

B2C: Déclaration & Certificat de garantie

customs country 1 start

customs country 1 exit

customs country 2 entry

• Etc..

National

Transporter

Guarantee Certificate



National Association



International organization

guarantee chain

- One document for many functions
- C2C direct communication is missing (the holder is responsible for carrying the C2C information)
- No advance and real time information
- paperwork / Fraud / ...





History of a UNECE project

Working Party on Customs Questions affecting Transport (**WP.30**) (2000)



Ad hoc Expert Group on the Computerization of the TIR Procedure (2001)



Informal Ad hoc Expert Group on **Conceptual and Technical** aspects of Computerization of the TIR Procedure (**GE.1**) + Network of eTIR FP
21 sessions (2002-2012)



Reference model of the TIR procedure (UMM)
Chapter 1 - Business domain modeling (*BPA*) ✓
Chapter 2 - eBusiness requirements (*BPR*) ✓
Chapter 3 - Analysis ✓
Chapter 4 - Design (UN/EDIFACT & XML)



Informal Ad hoc Expert Group on **Legal** Aspects of Computerization of the TIR Procedure



Working Party on Customs Questions affecting Transport

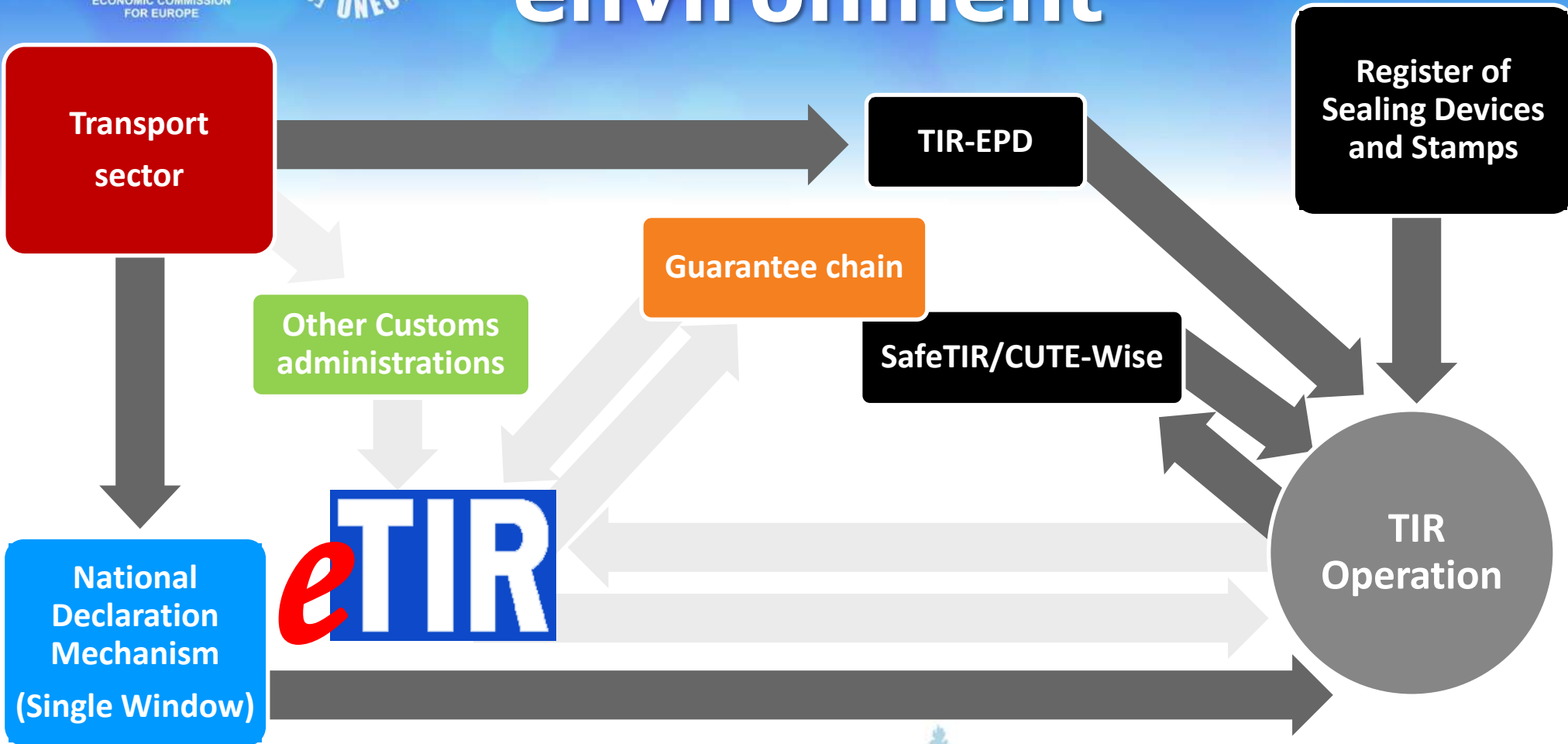


Update of the TIR convention (ongoing)





Fully computerized environment





Use of relevant standards

- WCO Data model
- WCO Data elements
- UNTDED
- Core Components
- UN/EDIFACT
- XML
- Code lists: UNECE, ISO,..
- ...





Opportunities for...

- Customs administrations
 - Nationally
 - Internationally
- Guarantee chain
 - Associations
 - International organization
- Transport operators
- Increased intermodality?
- Geographical expansion?





Opportunities for Customs administrations

● Nationally

Security ↑

Risk management ↑

Integrated supply chain management ↑

Real time information ↑

Advance cargo information ↑

Fraud ↓

Administrative burden ↓

Data processing time ↓

Legal procedures ↓

● Internationally

Cooperation ↑





Opportunities for the guarantee chain

- Associations

Security ↑

Real time TIR

transport data ↑

Administrative burden ↓

Issuance costs ↓

Number of claims ↓

- International organization

Security ↑

Real time TIR

transport data ↑

Distribution costs ↓

Printing costs ↓

Number of claims ↓





Opportunities for transport operators

Reliability of data 

Administrative burden 

Unique submission of information

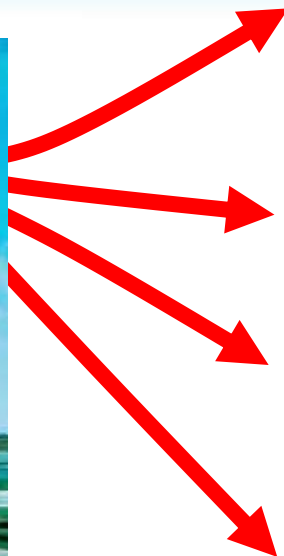
Easier to fill in

Border crossing waiting time 





Une inter-modalité accrue



Route

Rail

Mer

Voies navigables

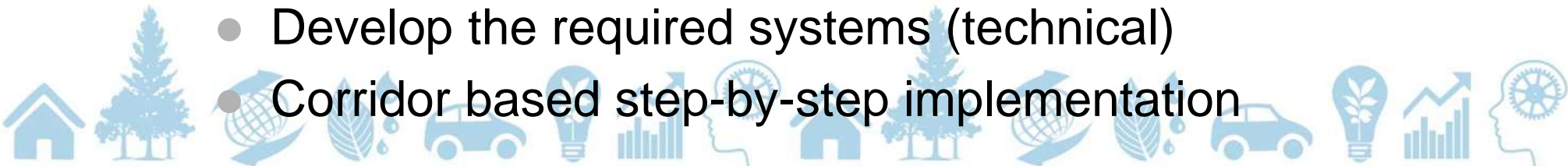
21^e Siècle





Conclusions

- Major opportunities
 - Increased security
 - Reduced administrative burden
 - Faster circulation of information (and goods)
 - Expand the geographical and multimodal scope
- Next steps
 - Finalize the Reference Model (conceptual)
 - Revise the TIR Convention (legal)
 - Develop the required systems (technical)
 - Corridor based step-by-step implementation





ongoing

- Ongoing/next steps

- Pilots
- Finalize the Reference Model (conceptual)
- Revise the TIR Convention (legal)
- Develop the required systems (technical)
- Corridor based step-by-step implementation

