



## Implementation in the ESCWA region

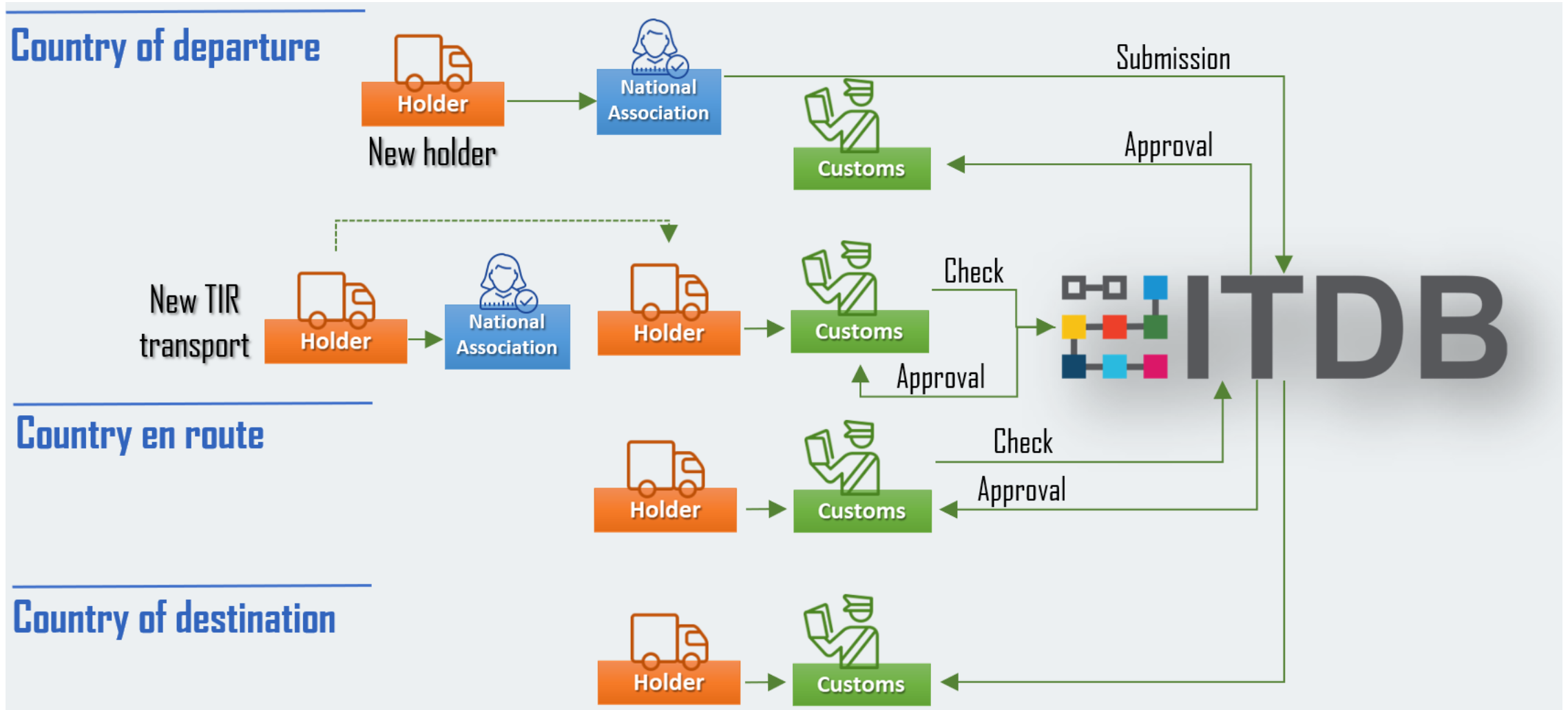
TIR secretariat – December 17th



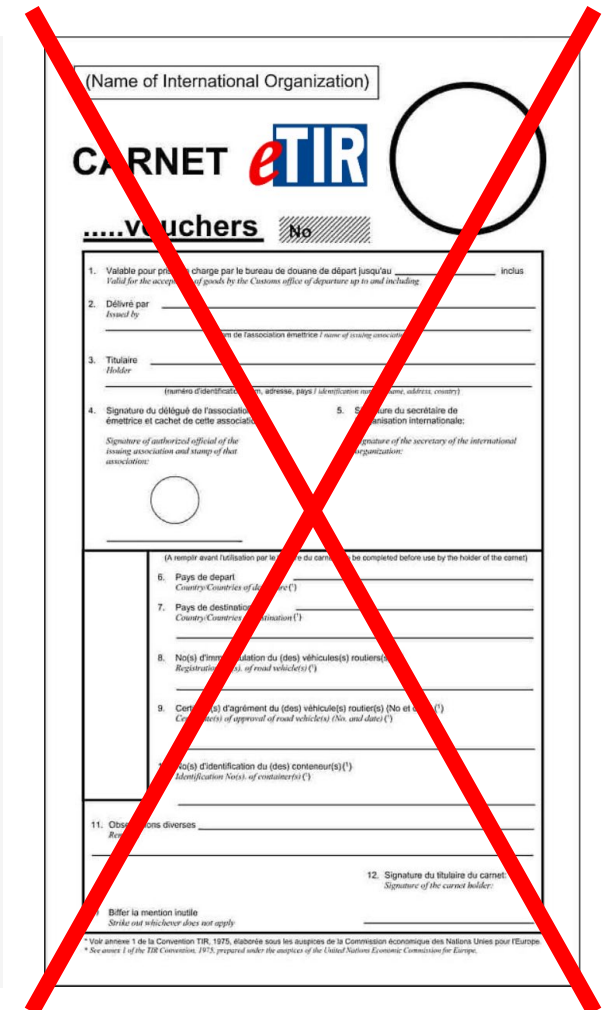
- I. The International TIR Data Bank (ITDB)
- II. The eTIR procedure
- III. Architecture overview
- IV. eTIR messages
- V. eTIR security model
- VI. Progress status
- VII. Interconnections projects

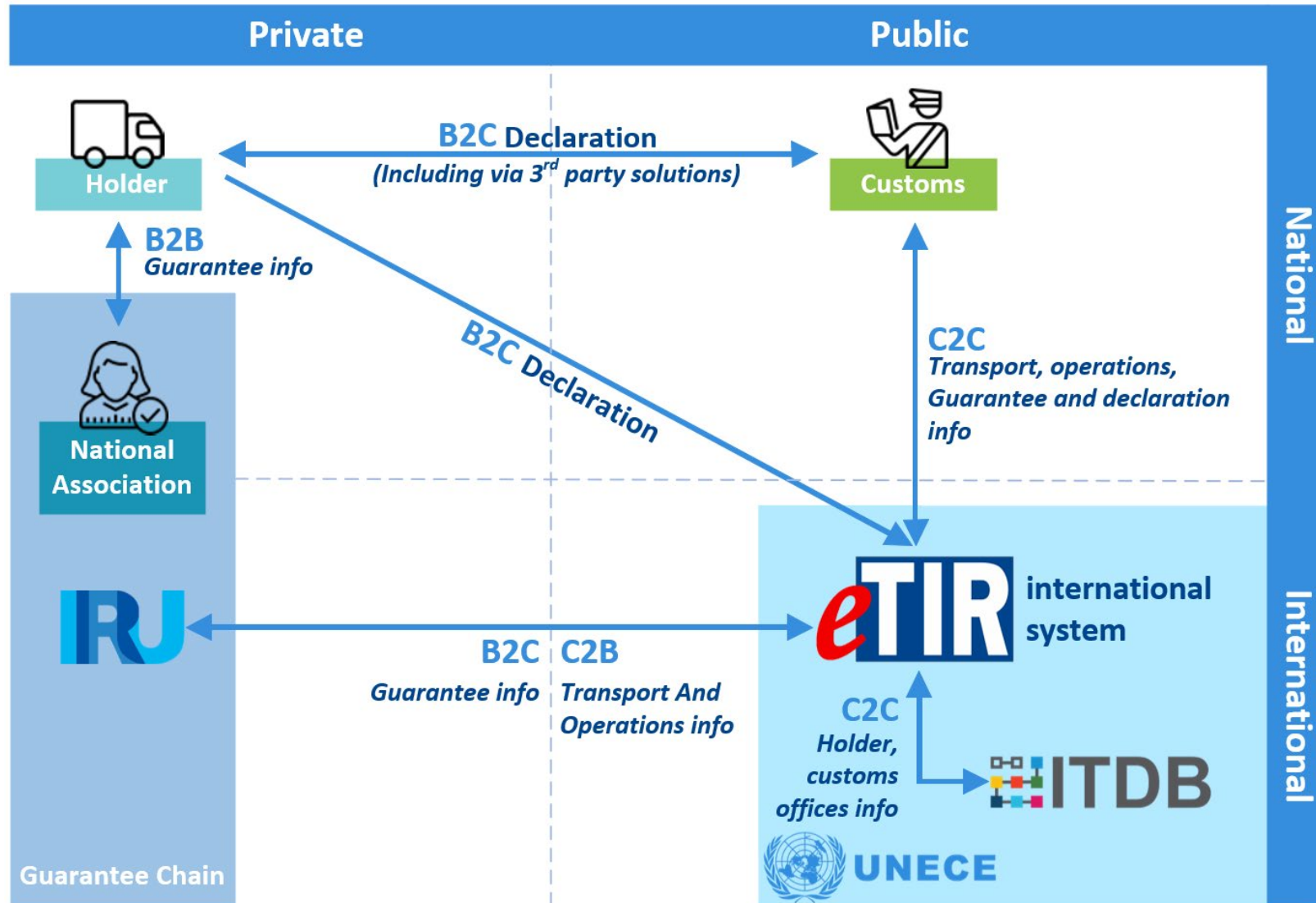
- Mandate from the ToR of the TIR Executive Board (TIRExB)
  - Approved and excluded transport operators (Annex 9, Part 2, para. 4 and 5)
  - Approved Customs sealing and stamps devices
  - Approved Customs offices for accomplishing TIR operations (Article 45)
  - A new module in preparation for managing the Certificates of Approval
- A few figures
  - 1,000+ web application users (*since 2018*)
  - 32,000+ authorized TIR Carnet holders
  - 250+ stamps and seals records
  - 4,000+ customs offices
  - 138,000+ web service calls (*in 2019*)

# The International TIR Data Bank (ITDB)



- Implemented by means of **electronic exchange of data**, providing the functional equivalent to the TIR Carnet
- **There is no eTIR carnet**, only exchange of eTIR messages between information systems and
- **eGuarantees** will be used to cover TIR transports using the eTIR procedure
- Governed by the eTIR specifications





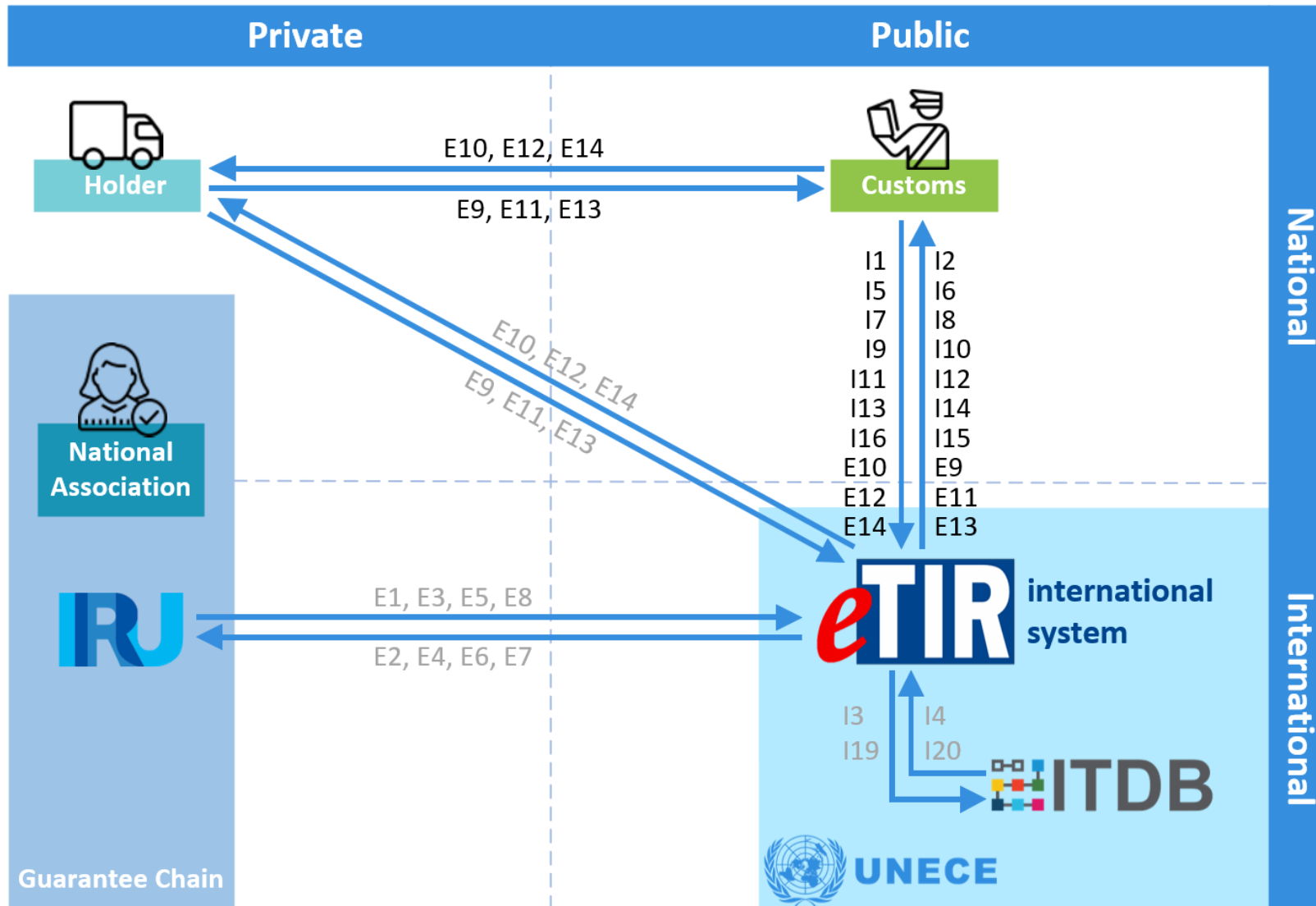
## External messages (B2C)

E1	E2	Record guarantee
E3	E4	Cancel guarantee
E5	E6	Query guarantee
E7	E8	Notify guarantee chain
E9	E10	Advance TIR data
E11	E12	Advance amendment data
E13	E14	Cancel advance data

## Internal messages (C2C)

I1	I2	Accept guarantee
I3	I4	Get holder info
I5	I6	Query guarantee
I7	I8	Record declaration data
I9	I10	Start TIR operation
I11	I12	Terminate TIR operation
I13	I14	Discharge TIR operation
I15	I16	Notify customs
I17	I18	Refusal to start TIR operation
I19	I20	Check customs office

# Architecture overview - Messages





## Standard use cases

Guarantee issuance

Submission of advance TIR data

Acceptance of the declaration

Start a TIR operation

Terminate a TIR operation

Discharge a TIR operation

Query the guarantee

Checks/validations in ITDB

## Special use cases

Guarantee cancellation

Cancel advance data

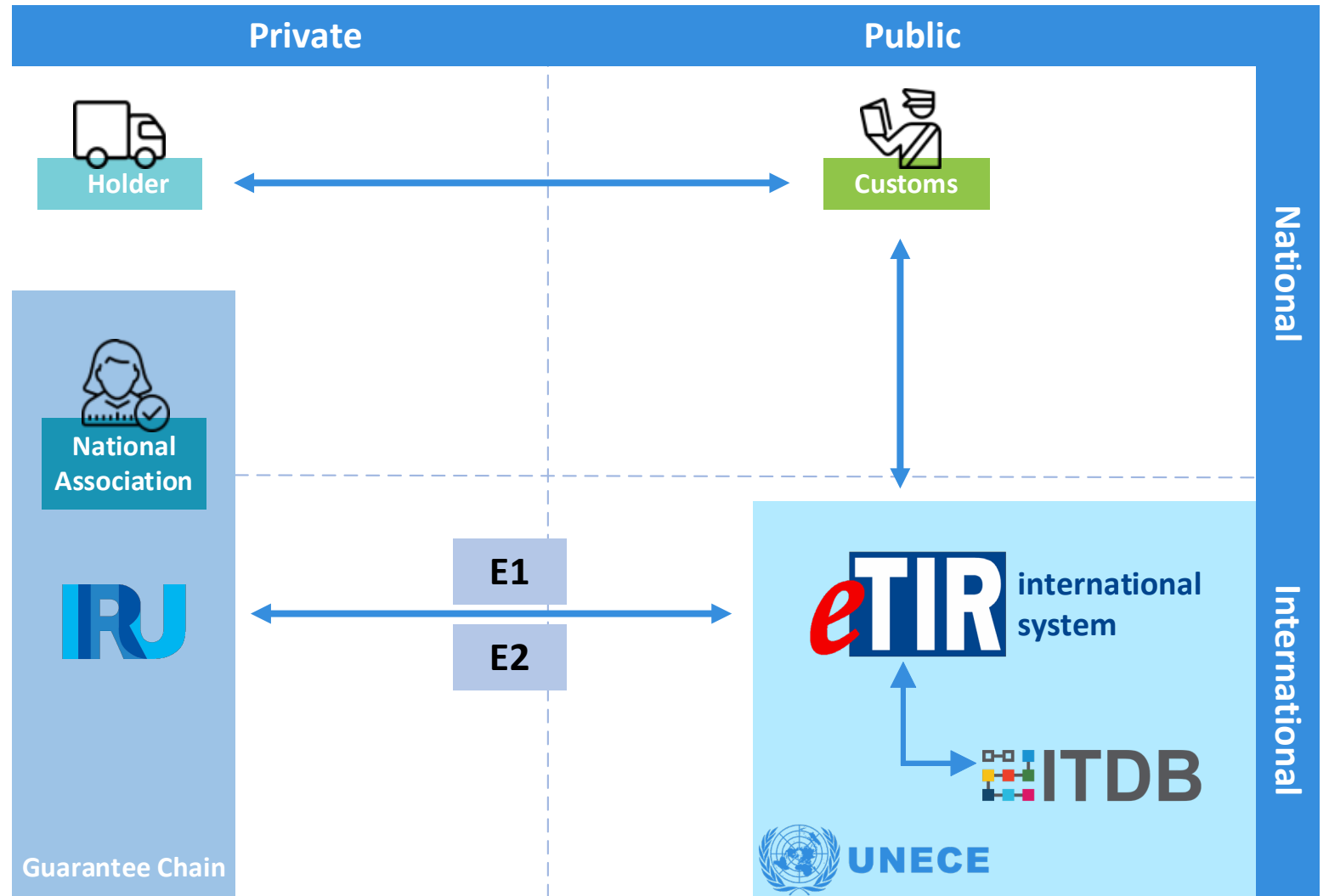
Acceptance of the amendments to the declaration

Amending the declaration data

Refusal to start a TIR operation

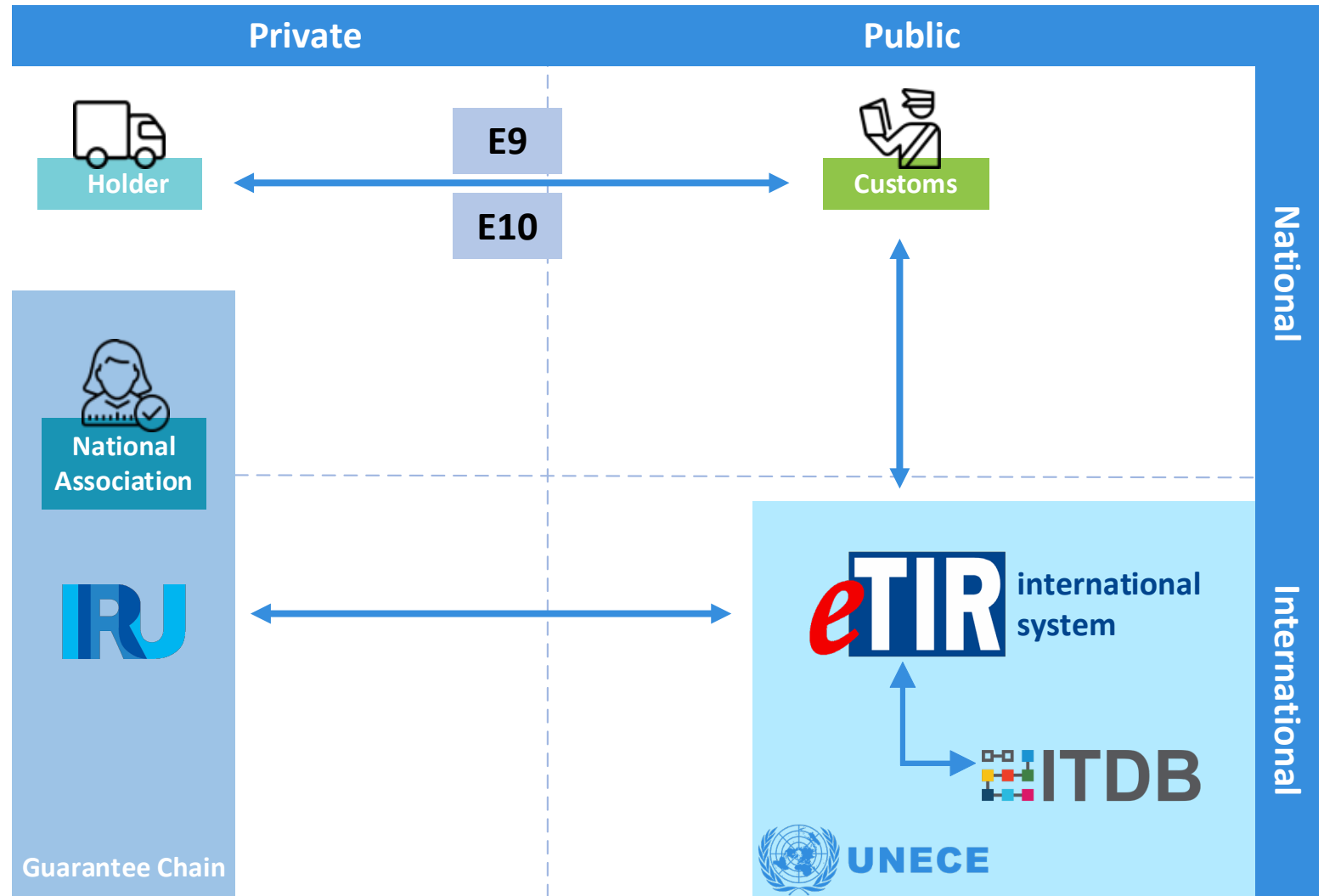
## 1. Guarantee issuance

Register guarantee



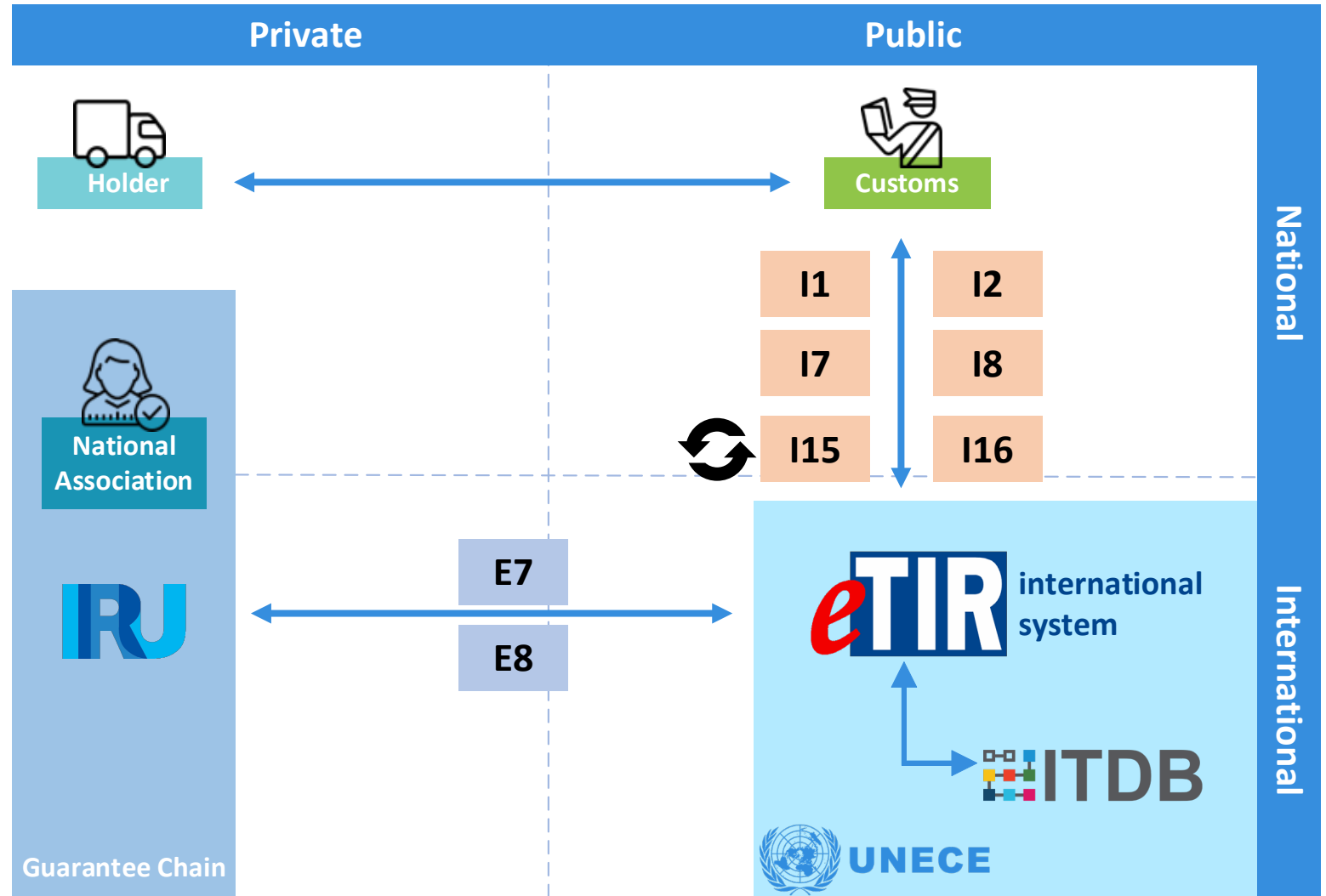
## 2. Submission of advance TIR data

Advance TIR data



## 3. Acceptance of the declaration

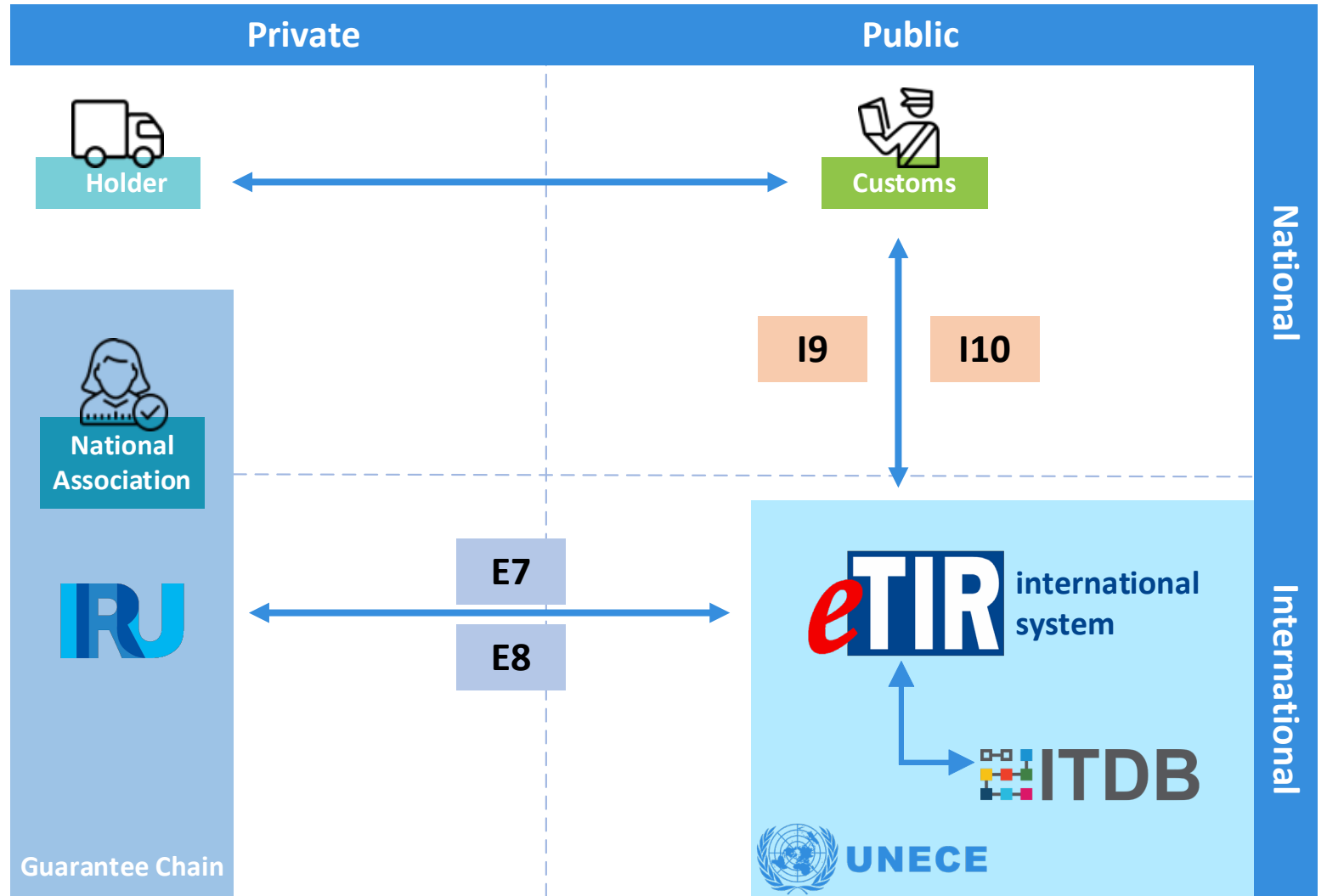
- Accept guarantee
- Record declaration data
- Notify customs  
(all countries along the itinerary)
- Notify guarantee chain



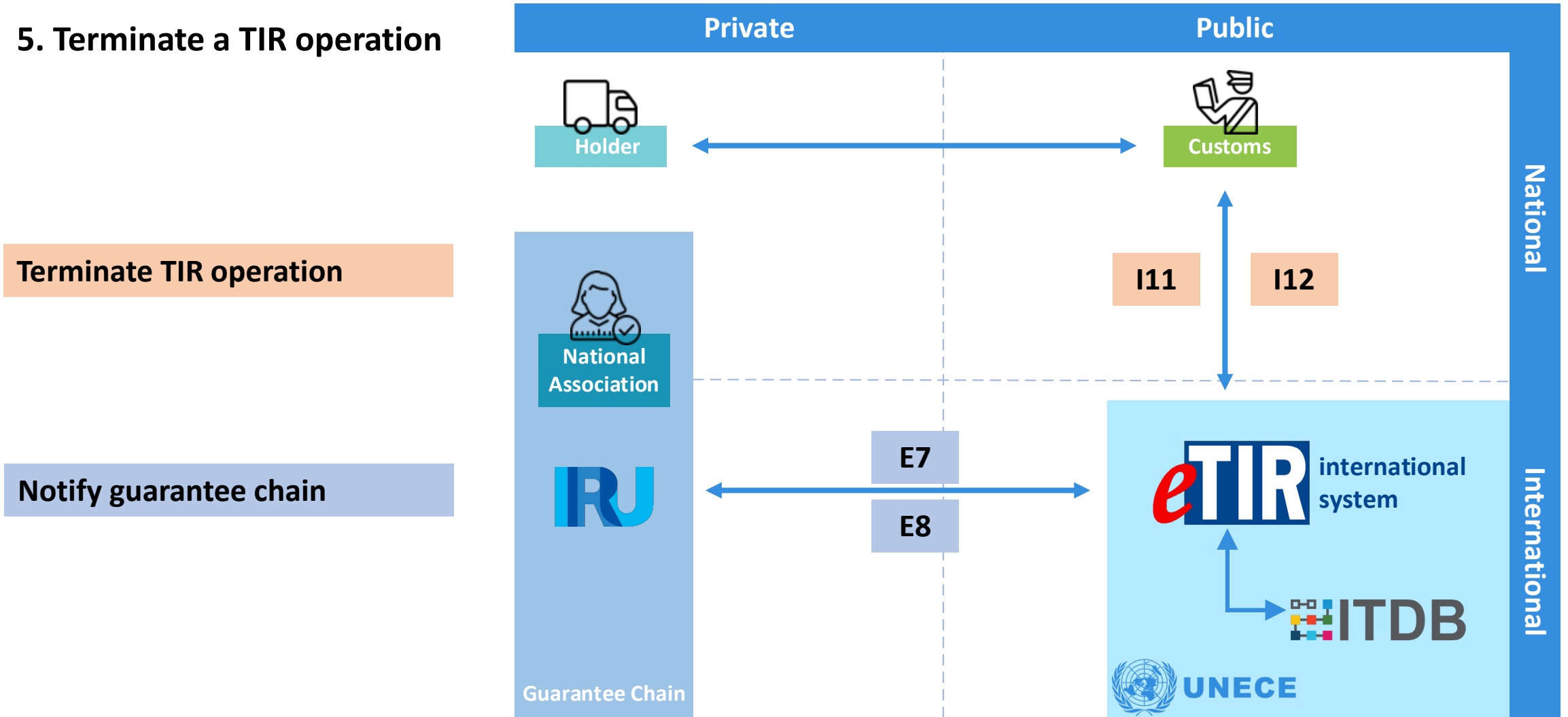
## 4. Start a TIR operation

Start TIR operation

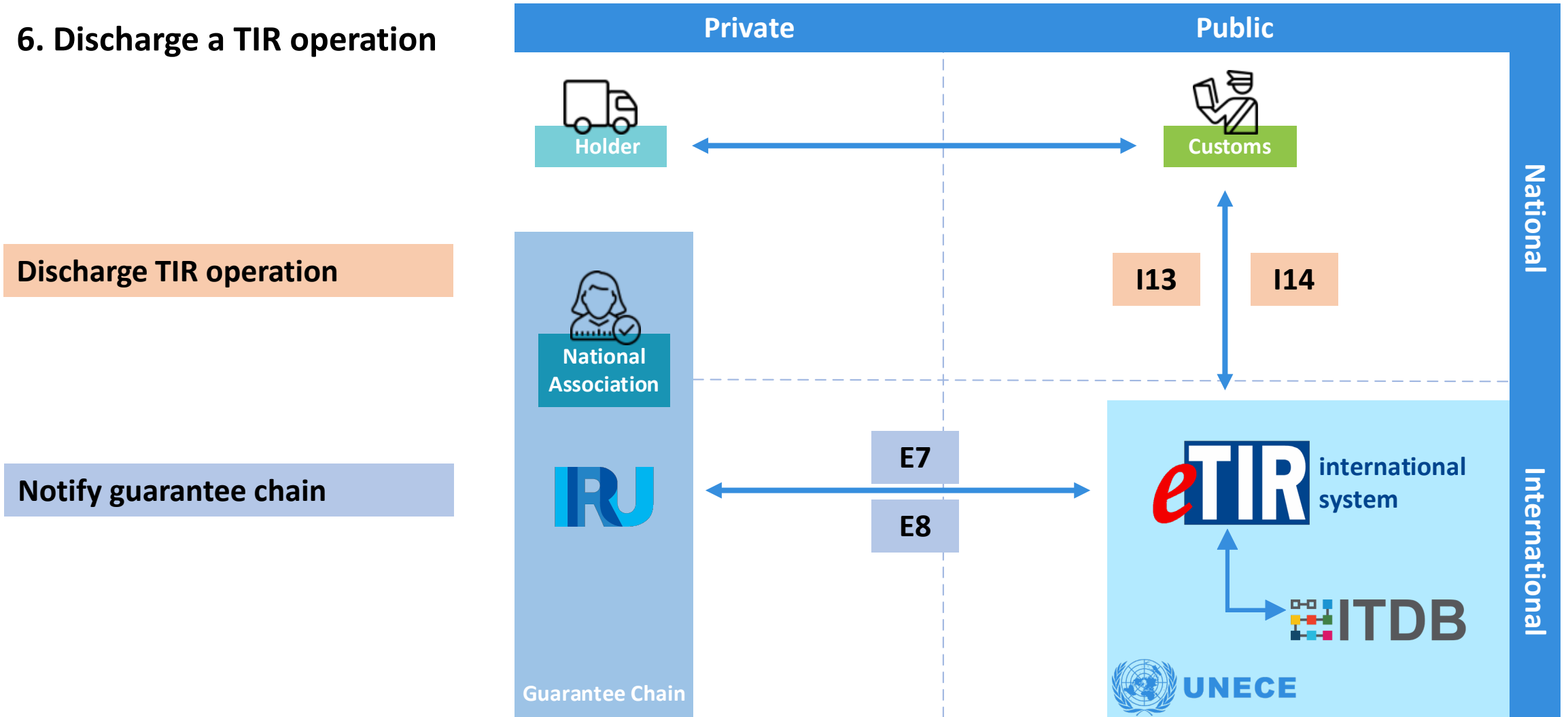
Notify guarantee chain



## 5. Terminate a TIR operation



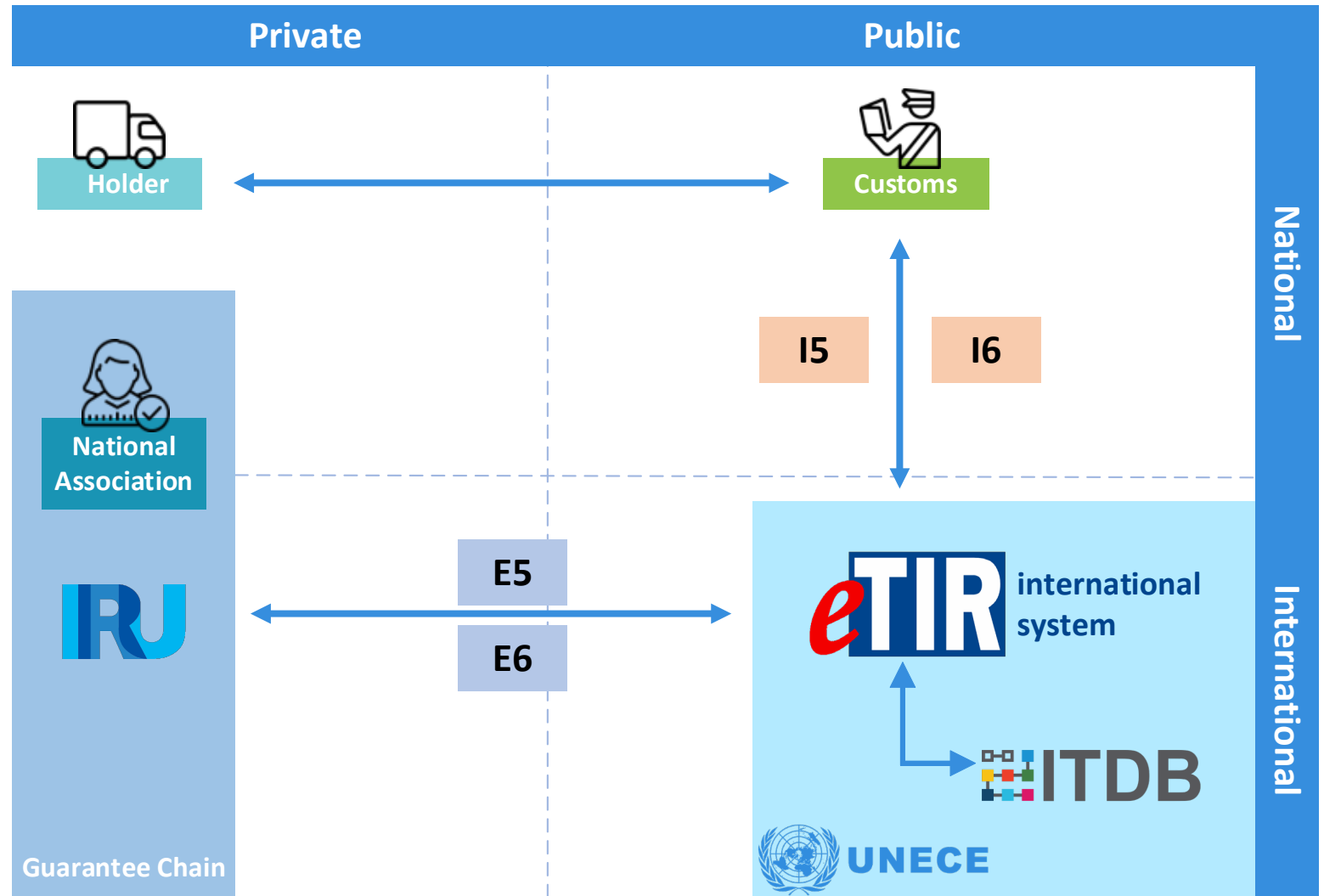
## 6. Discharge a TIR operation



Query the guarantee

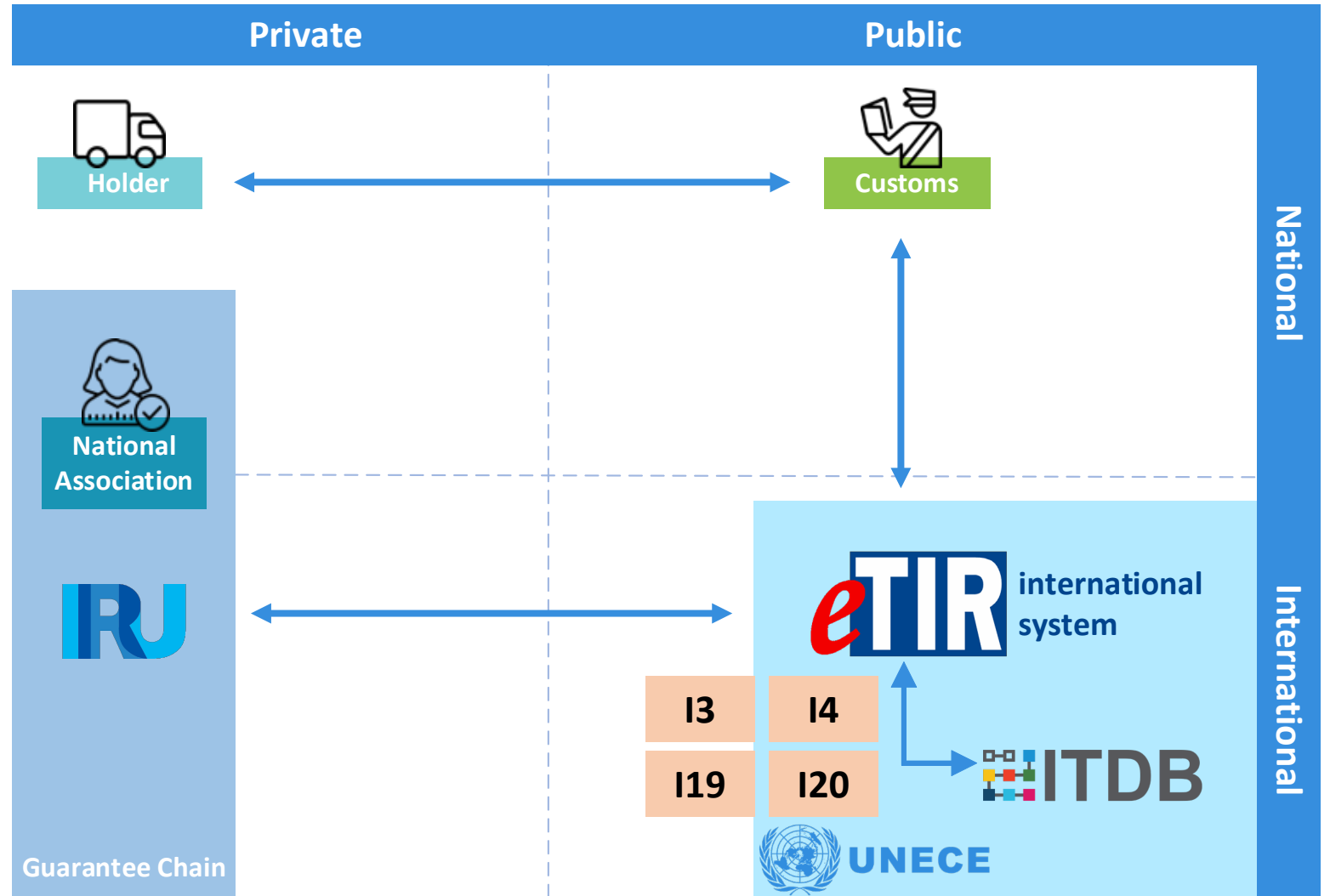
Query guarantee

Query guarantee





## Checks/validations in ITDB



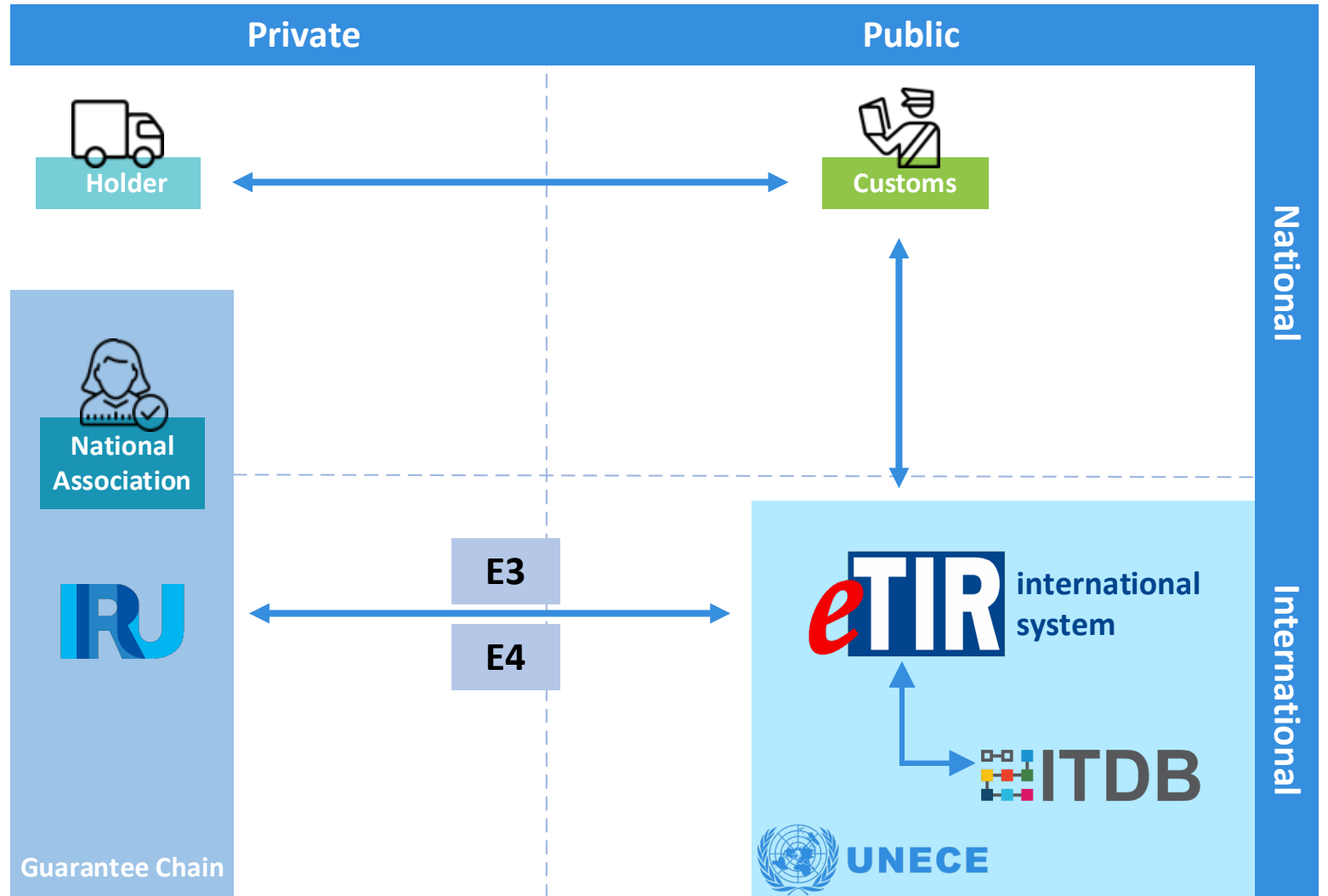
Get holder info

Check customs office

Guarantee Chain

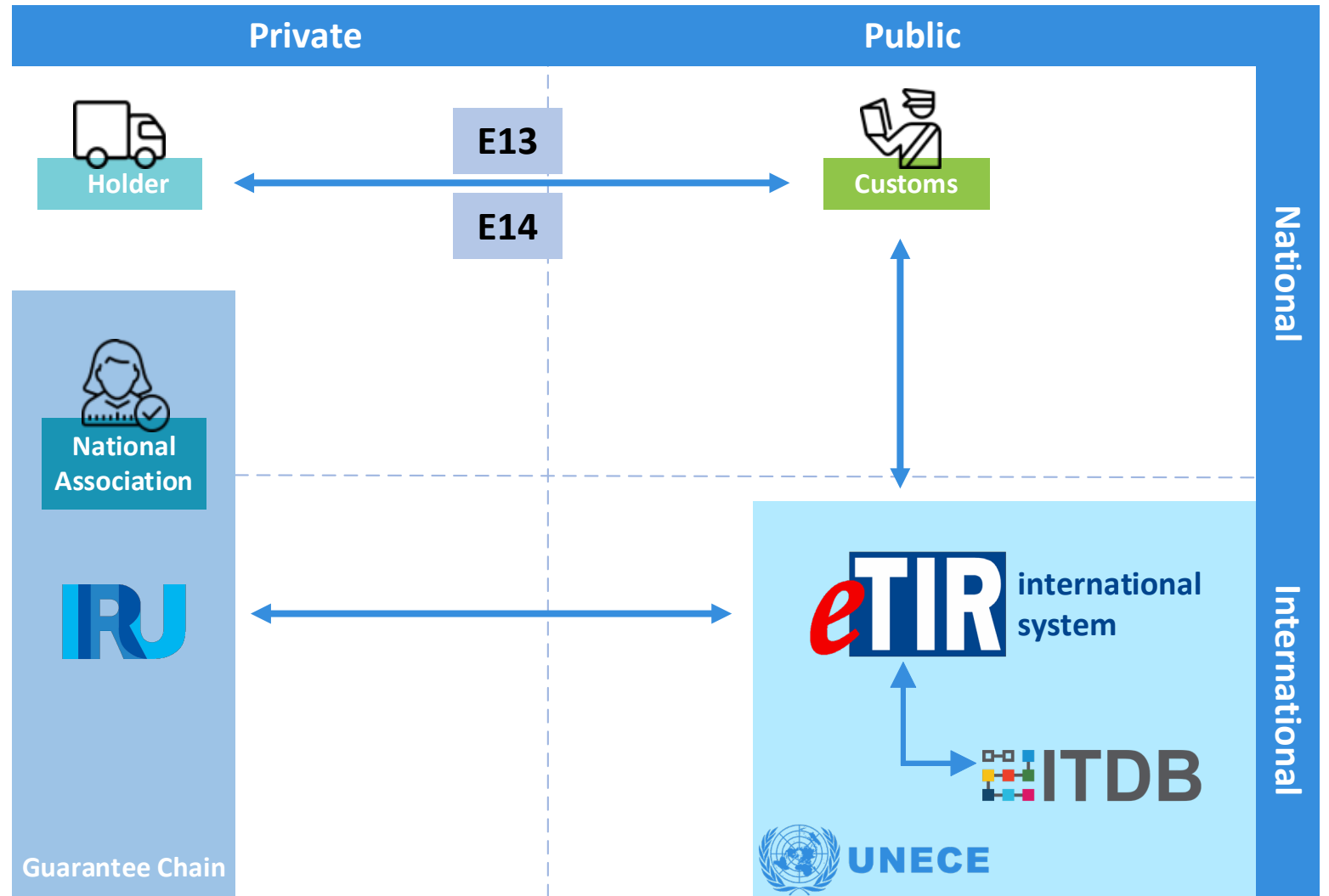
## Guarantee cancellation

Cancel guarantee



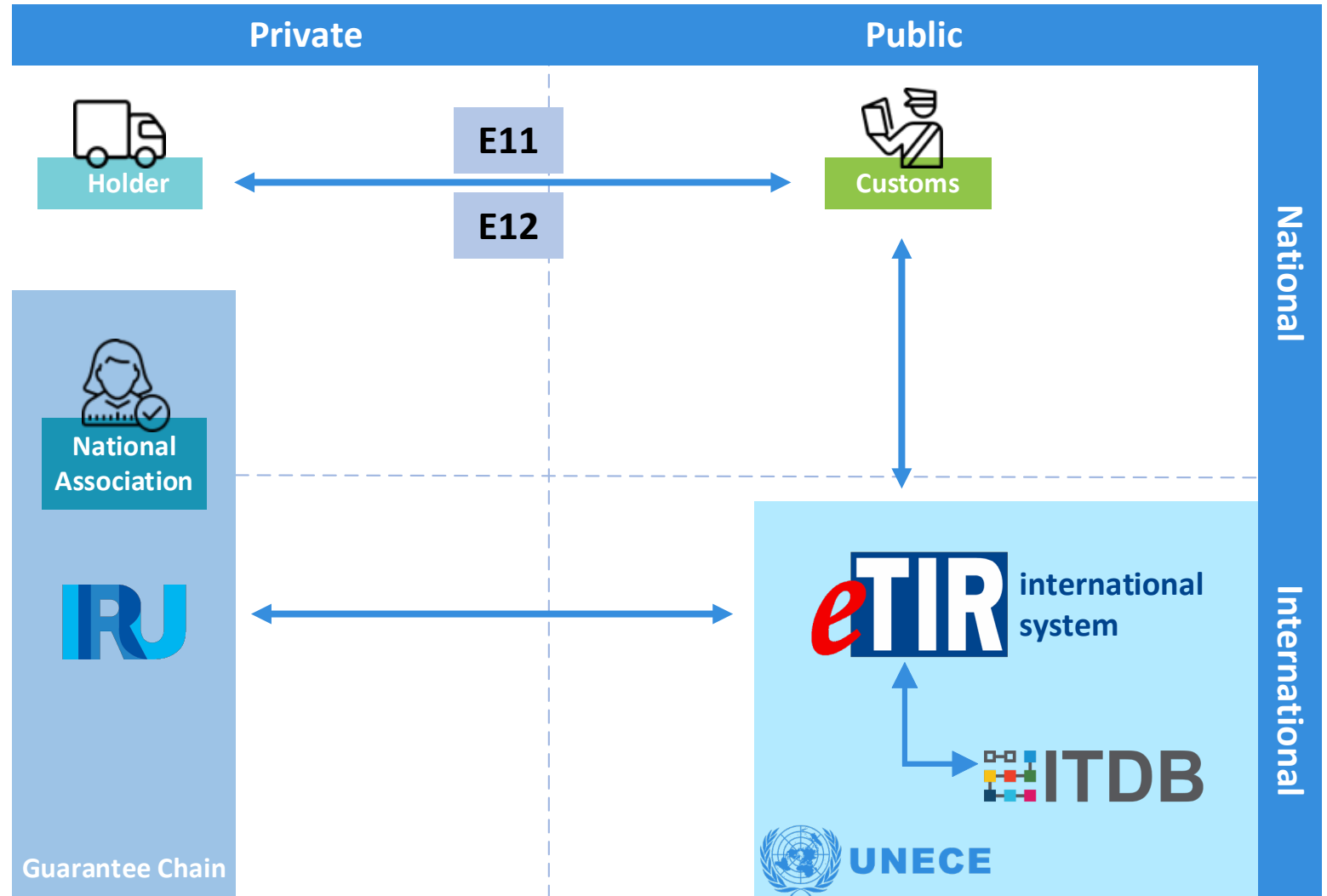
## Cancellation of advance data

Cancel advance data



Request changes to the declaration data  
(e.g. change of itinerary, additional loading, ..)

Advance amendment data

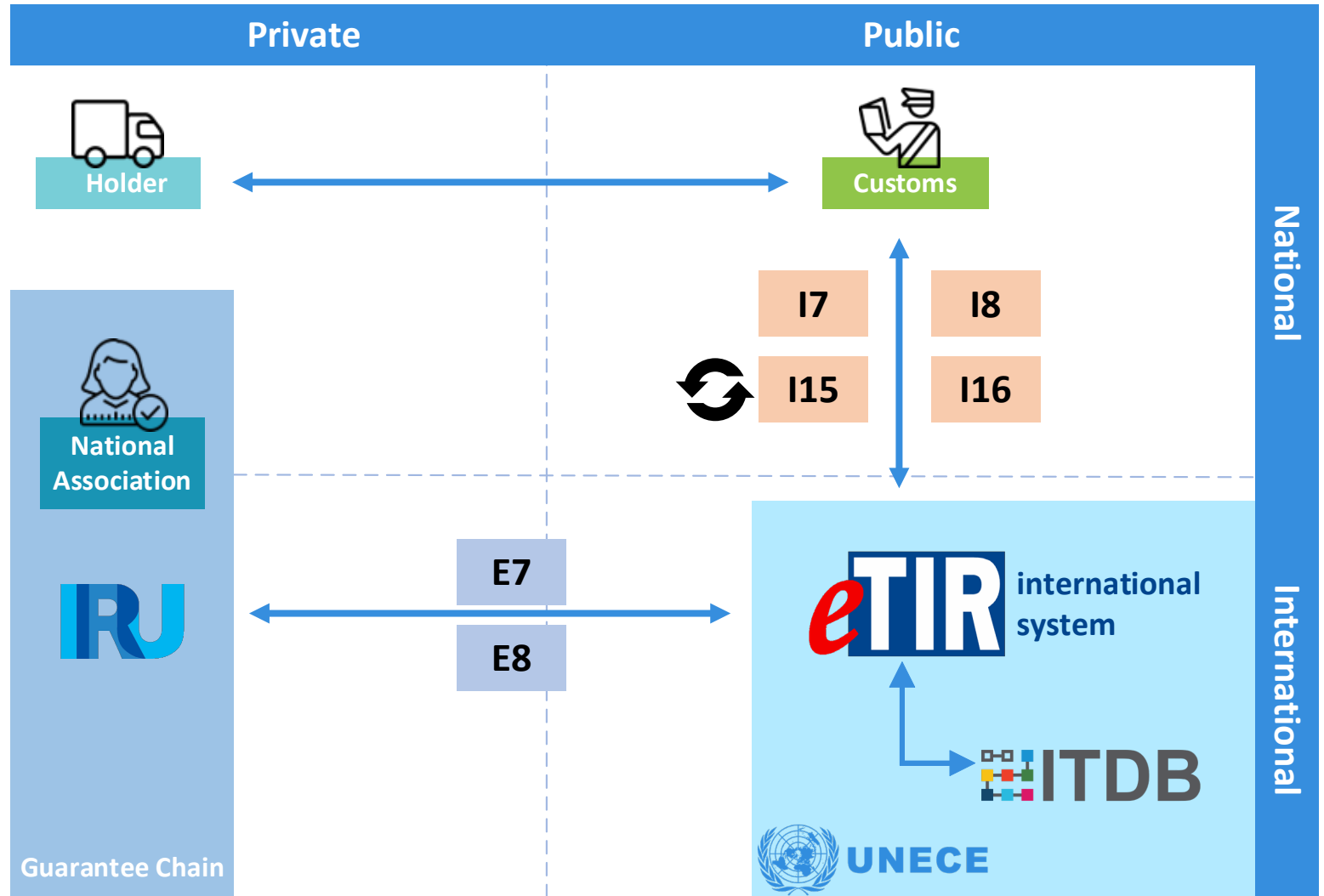


## Acceptance of the amendments to the declaration

Record declaration data

Notify customs  
(all countries along the itinerary)

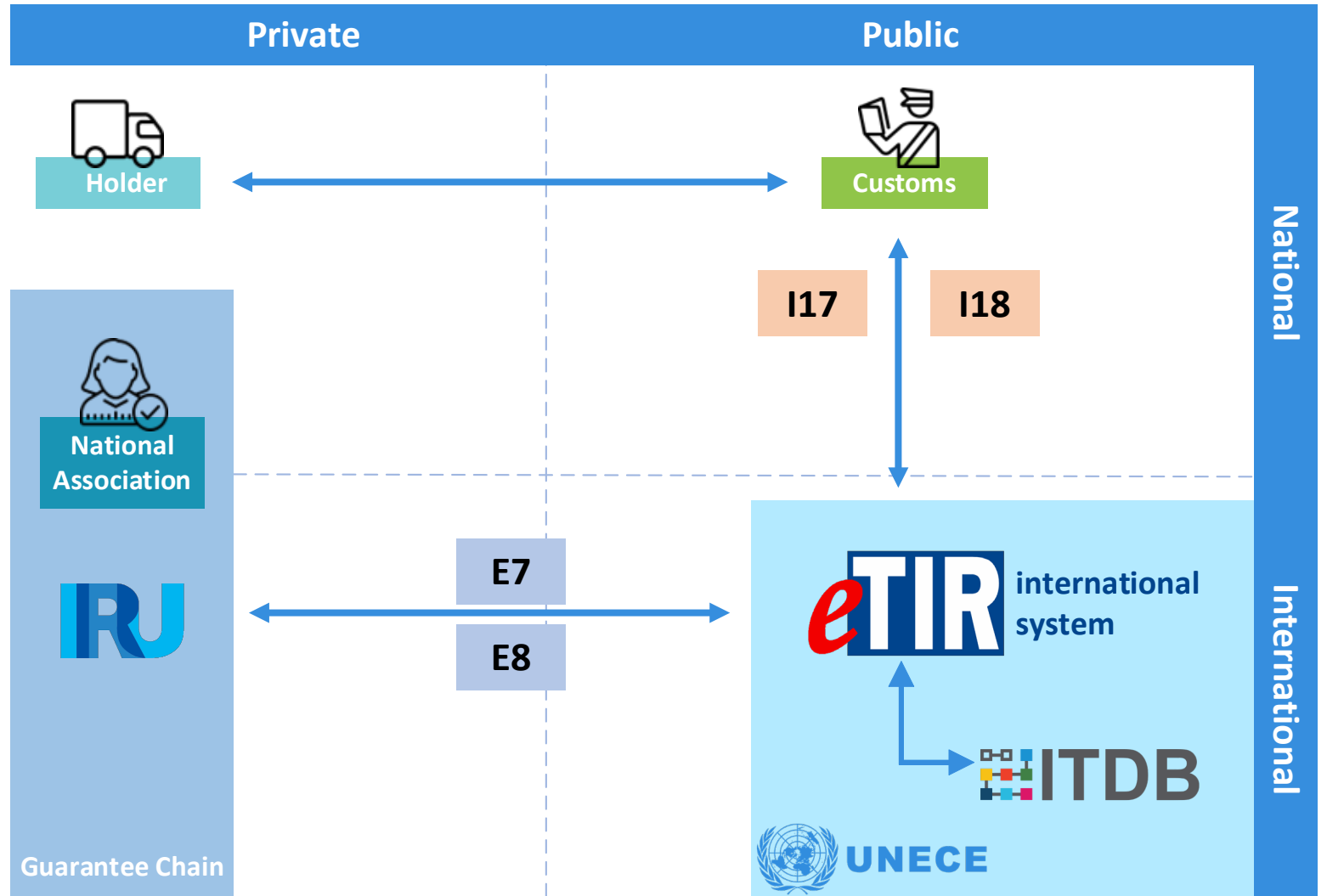
Notify guarantee chain

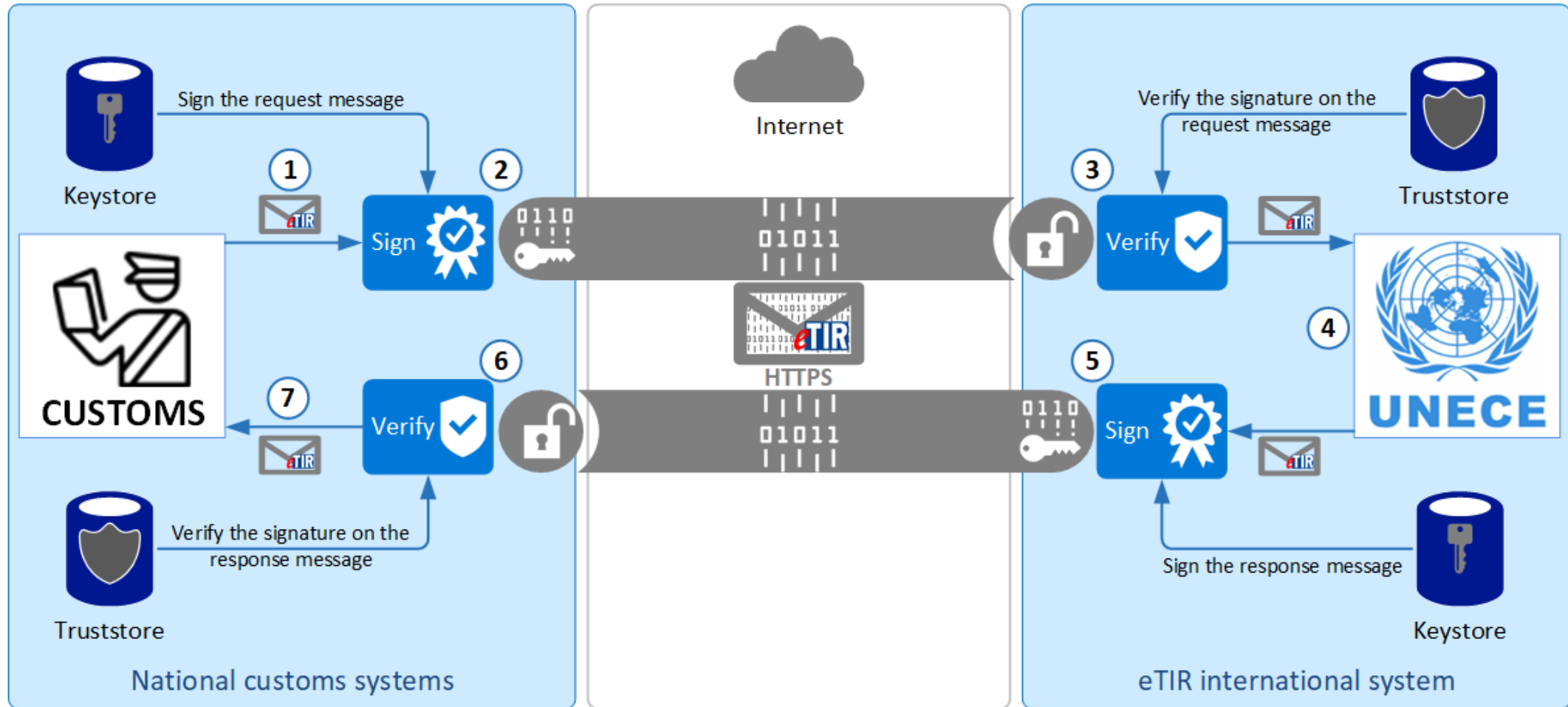


Refusal to start a TIR operation

Refusal to start a TIR operation

Notify guarantee chain





- The eTIR specifications
  - Version 4.3 should be completed and approved in 2021 by the WP.30/GE.1 and the AC.2
  
- The eTIR international system
  - To be completed in March 2021 based on the current version of the the eTIR specifications
  - To be finalized when the eTIR specifications v4.3 are approved
  
- The technical documentation (14 guides)
  - Needed for the interconnection projects
  - To be completed in March 2021
  - To be finalized when the eTIR specifications v4.3 are approved





- On 7 April 2020, ECE invited the contracting parties to connect to eTIR
- 15 countries expressed their interest so far:

Armenia

Azerbaijan

Georgia

India

Iran (Islamic Republic of)

Israel

Lebanon

Montenegro

Morocco

Pakistan

Qatar

Republic of Moldova

Tunisia

Turkey

Ukraine

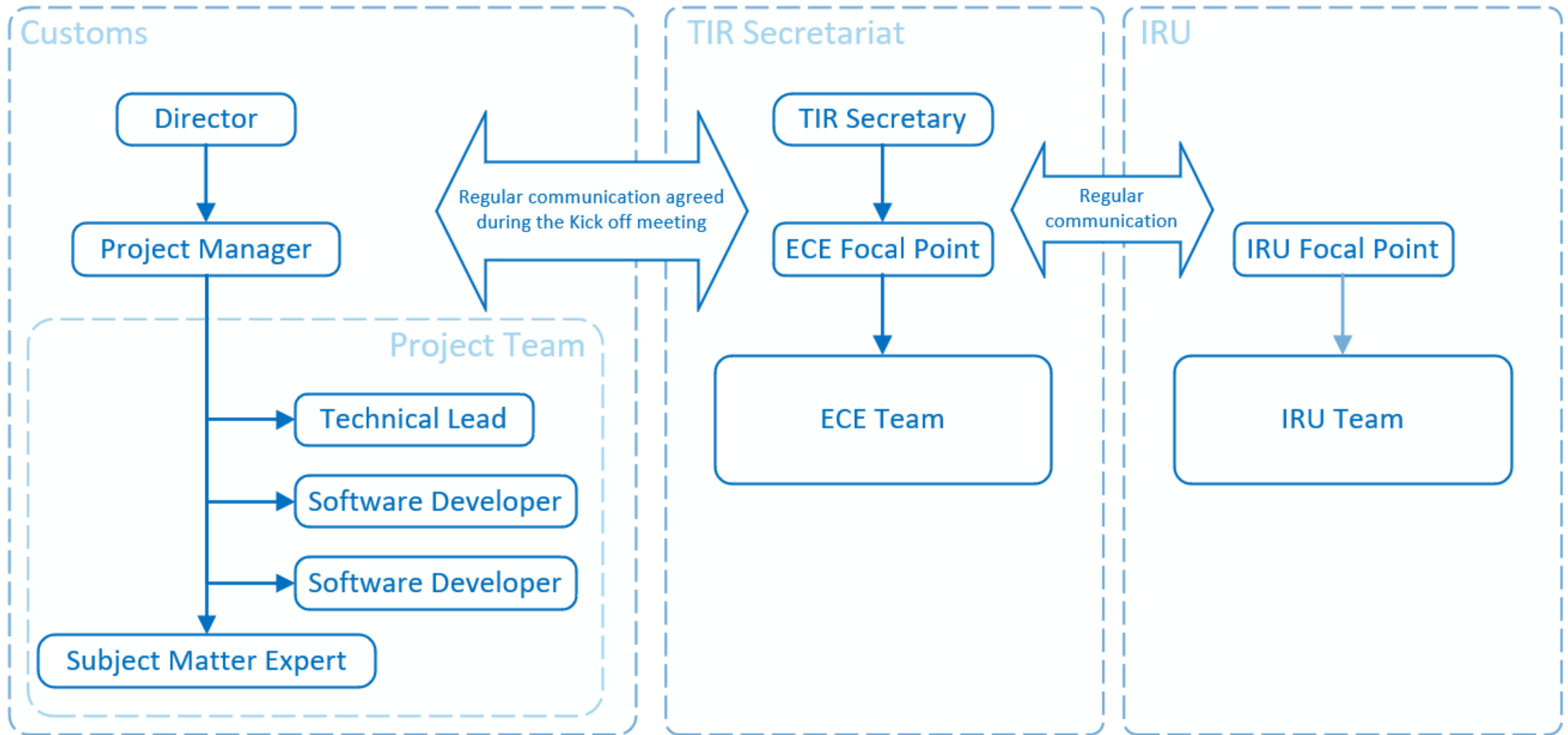
- ECE and the European Commission (27 countries) are working on a Proof of Concept for interconnecting NCTS with the eTIR international system

# Interconnection projects – Guidelines



- Full guidelines on the steps to follow in the context of the Interconnection projects
- Available on the **eTIR documentation portal**:  
<https://wiki.unece.org/display/ED/>

# Interconnection projects - Teams



- Stages of the Interconnection projects:



- Interconnection projects have started with 5 countries:
  - **Azerbaijan:** Implementation stage
  - **Georgia:** Implementation stage
  - **Iran (Islamic Republic of):** Project initiation stage
  - **Tunisia:** Design stage
  - **Turkey:** Implementation stage
- Three more contracting parties will start soon:
  - **Morocco**
  - **Republic of Moldova**
  - **Pakistan**

# Thank you!

## More information on eTIR here:



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Contact: [etir@un.org](mailto:etir@un.org)

**UNECE**

