



# TREIO FINAL CONFERENCE

## 24-25 JANUARY 2024

# THE EEDES SIMULATOR

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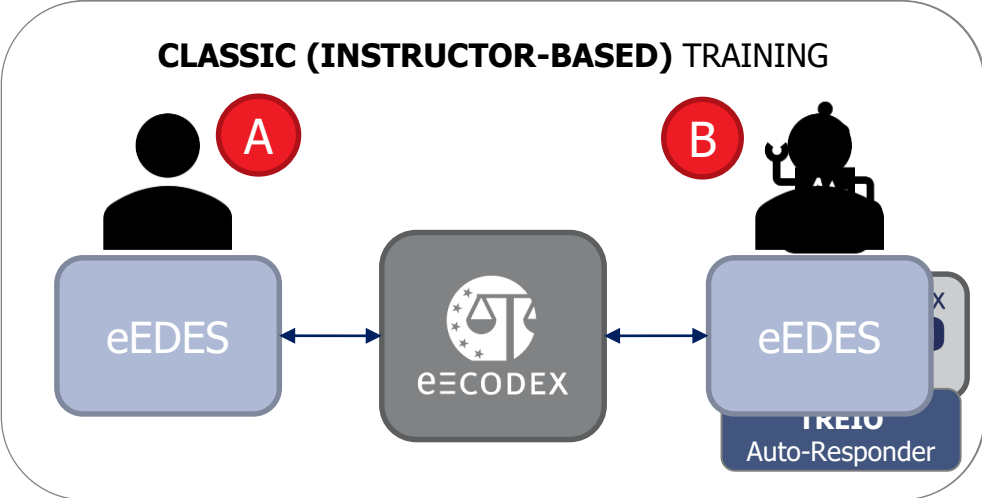


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## BACKGROUND

- WP3 Task 3.1: modification of the e-CODEX 'mock' environment to respond automatically to pre-defined testing scenarios for real-time, true-to-life simulations of EIO forms and evidence exchange
- AUTH leveraged the e-CODEX Central Testing Platform to provide real-time training
- Agreement between TREIO and DG Justice & Consumers, Unit JUST.B.3 for local installation of the e-EDES at AUTH on an ISO 27001 certified datacenter
- The license of the eEDES software was granted exclusively for the duration of the grant agreement of TREIO. The system license and Confidentiality Agreement was signed on April 2022

# AIMING FOR A REAL-TIME TRAINING EXPERIENCE

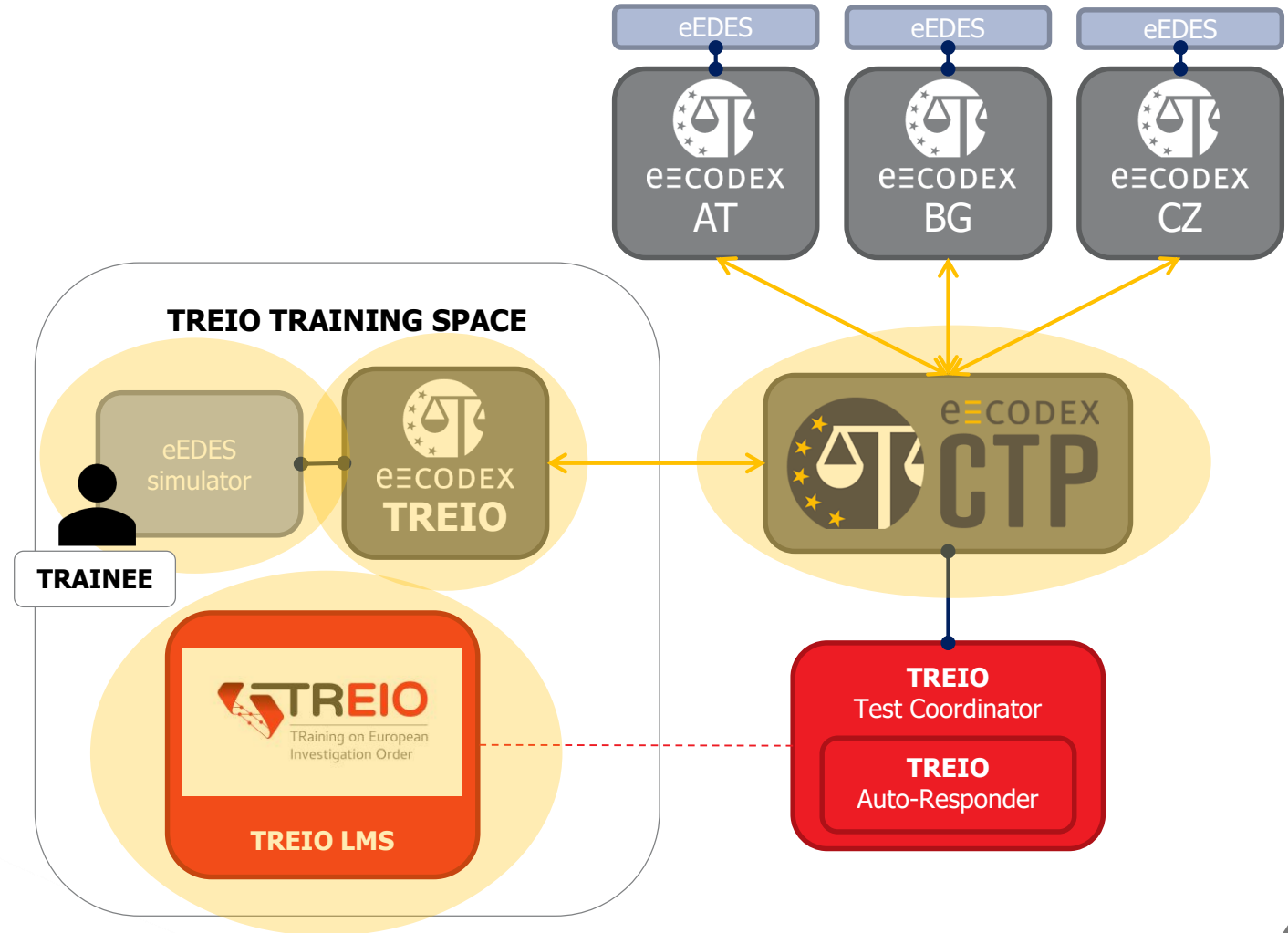


A is placed by the TREIO Auto-Responder  
 Suitable for flipped classroom training

# TREIO ENVIRONMENT

## Set-up

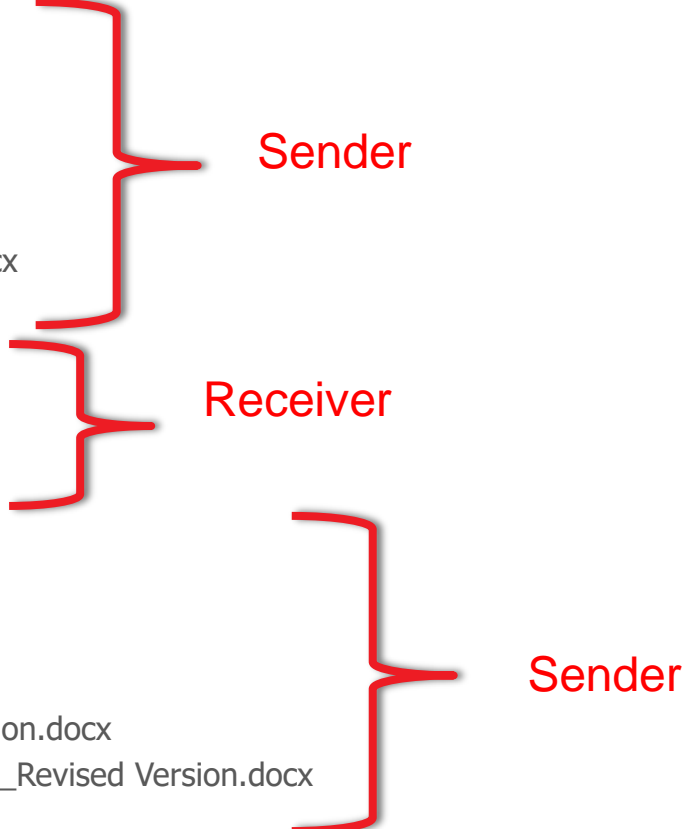
- A full e-CODEX gateway is setup for TREIO
- The eEDES Simulator (local installation) sends messages through this gateway and is available for training – **no national implementation required**
- This eEDES Simulator is able to communicate with another e-CODEX gateway (the e-CODEX CTP) for real-time training
- Test coordination via the TREIO LMS + the TREIO Auto responder



## CURRENT TECHNICAL SET-UP

- Local installation of TREIO training environment on AUTH premises
  - **eEDES simulator (XX):** e-CODEX Gateway, Connector, custom CCDB and local installation and configuration of eEDES
    - The current stable version of eEDES Simulator is based on e-Evidence v2.2.2, identical to the latest available version of RI v2.2.2
  - **TREIO auto-responder (ZZ):** module is able to read and respond to e-CODEX XML messages, as well as send EIO cases.
    - The plan was to continuously update with new content/test EIO cases
  - eEDES Simulator, TREIO auto-responder and Moodle LMS authentication linked
    - 1 common account (username/password) for ALL interfaces

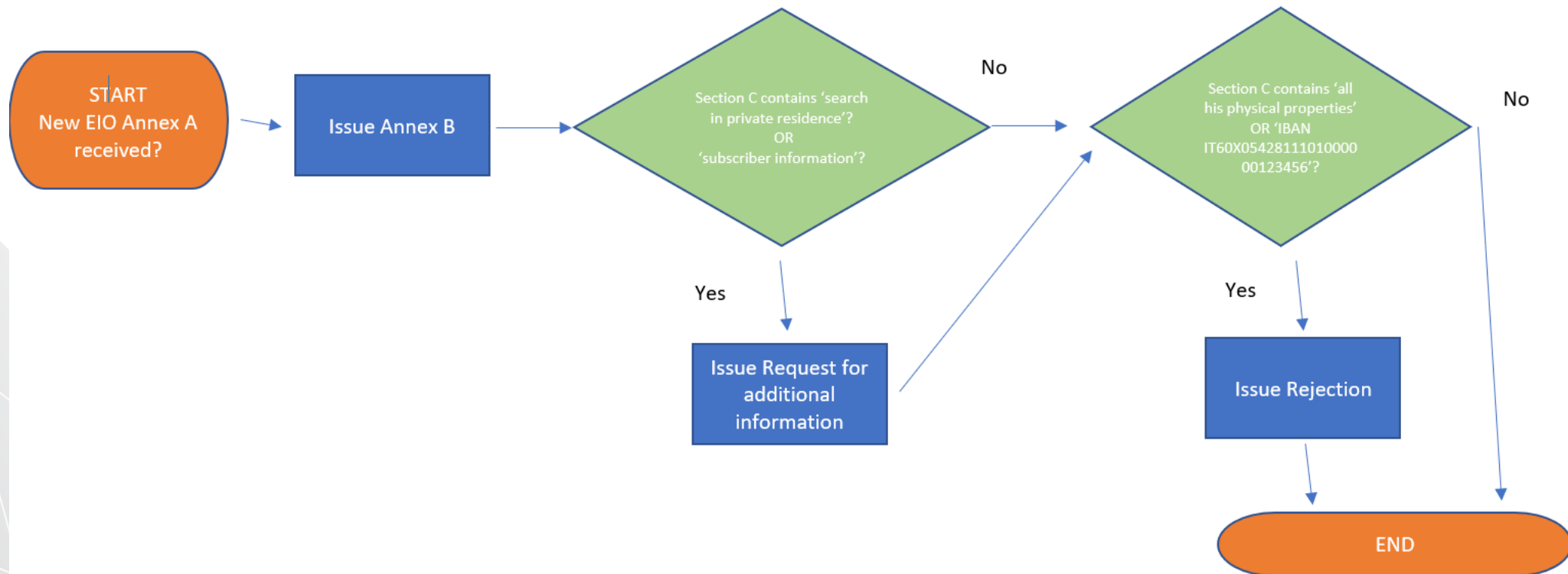
# SUPPORTED USE CASE TRAINING SCENARIOS

1. TREIO\_Exercise01\_FillingEIO\_Instructions\_EN\_Revised Version.docx
  2. TREIO\_Exercise02\_ReviewingEIO\_Instructions\_EN\_Revised Version.docx
  3. TREIO\_Exercise03\_AmendingEIO\_Instructions\_EN\_Revised Version.docx
  4. TREIO\_Exercise04\_Signing and sending EIO\_Instructions\_EN\_Revised Version.docx
  5. TREIO\_Exercise05\_Checking whether Annex B has been received\_EN\_Revised Version.docx
  6. TREIO\_Exercise06\_Checking whether Additional Information is being requested\_EN\_Revised Version.docx
  7. TREIO\_Exercise07\_Checking whether EIO is Rejected\_with instructions\_EN\_Revised Version.docx
  8. TREIO\_Exercise08\_Issuing an Annex B\_EN\_Revised Version.docx
  9. TREIO\_Exercise09\_Request for additional information\_EN\_Revised Version.docx
  10. TREIO\_Exercise10\_Rejecting an EIO\_EN\_Revised Version.docx
  11. TREIO\_Exercise01\_Filling in EIO without instructions\_EN\_Revised Version.docx
  12. TREIO\_Exercise02\_Reviewing an EIO\_without Instructions\_EN\_Revised Version.docx
  13. TREIO\_Exercise03\_AmendingEIO\_without Instructions\_EN\_Revised Version.docx
  14. TREIO\_Exercise04\_Signing and sending EIO\_without instructions\_EN\_Revised Version.docx
  15. TREIO\_Exercise05\_Checking whether Annex B has been received\_without instructions\_EN\_Revised Version.docx
  16. TREIO\_Exercise06\_Checking whether Additional Information is being requested\_without instructions\_EN\_Revised Version.docx
  17. TREIO\_Exercise07\_Checking whether EIO is Rejected\_without instructions\_EN\_Revised Version.docx
- 
- Sender
- Receiver
- Sender

# TREIO AUTORESPONDER IF-THEN BEHAVIOUR (1)

Annex A from Issuing State	1 <sup>st</sup> Response from the Executing State (TREIO Autoresponder)	2 <sup>nd</sup> Response from the Executing State (TREIO Autoresponder)
IF Annex A is issued	THEN issue Annex B	
IF Annex A/Section C contains exact text (case sensitive) 'search in private residence'	THEN issue Annex B	AND issue request for Additional Information
IF Annex A/Section C contains exact text (case sensitive) 'all his physical properties'	THEN reject EIO but only after having issued Annex B and additional information (if applies)	
IF Annex A/Section C contains exact text (case sensitive) 'subscriber information'	THEN issue Annex B	AND issue request for Additional Information
IF Annex A/Section C contains exact text (case sensitive) 'IBAN IT60X0542811101000000123456'	THEN reject EIO but only after having issued Annex B and additional information (if applies)	

# TREIO AUTORESPONDER IF-THEN BEHAVIOUR (2)

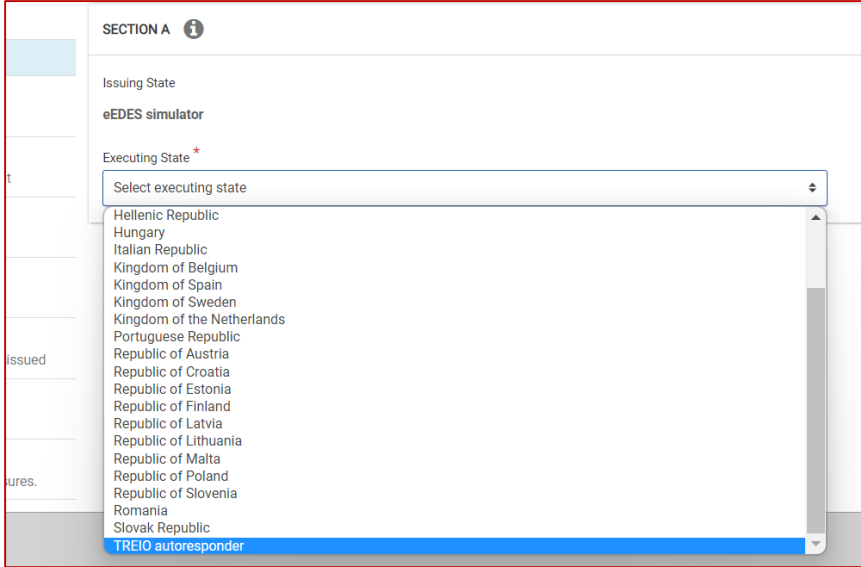
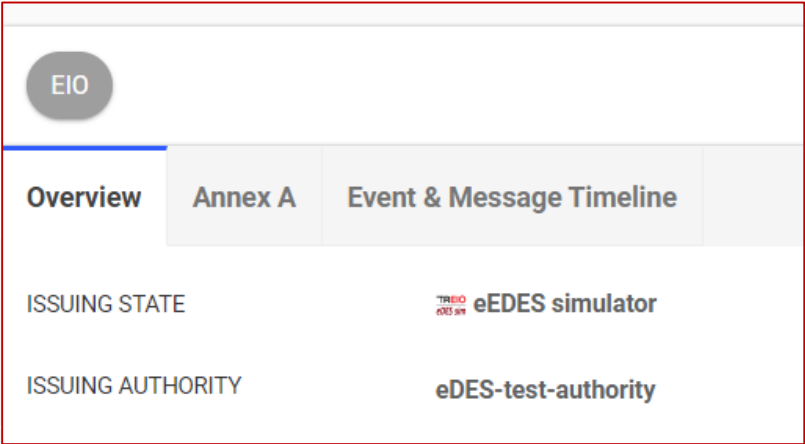


# HANDS-ON TRAINING ON EIO USING THE eEDES SIMULATOR

## USE CASE 1: OUTGOING EIO

Users interact with the eEDES (<https://treio2.ee.auth.gr>) assuming the role of the *Issuing State*, in our case the “eEDES Simulator” (the “XX” state).

The role of the *Executing State* is taken by the “TREIO Auto-Responder” (the “ZZ” State) which responds to incoming requests.

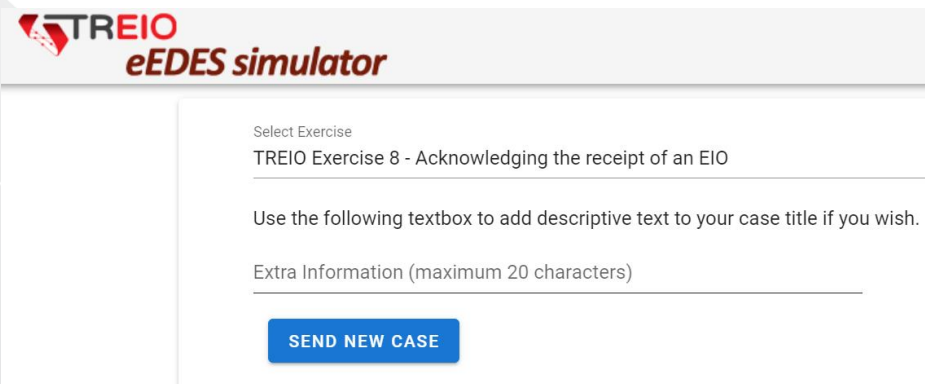


# HANDS-ON TRAINING ON EIO USING THE eEDES SIMULATOR

## USE CASE 2: INCOMING EIO

Users interact with eEDES assuming the role of the *Executing State* (on the eEDES Simulator).

Different flavors of incoming Annex A cases can be “ordered” through the TREIO Auto-Responder’s environment (the *Issuing State*) to the Executing State, at the request of the user (<https://eiotest2.ee.auth.gr>).



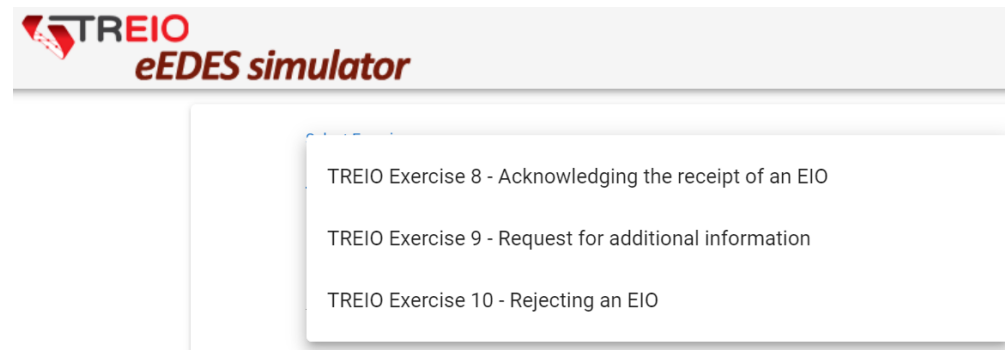
**TREIO**  
*eEDES simulator*

Select Exercise  
TREIO Exercise 8 - Acknowledging the receipt of an EIO

Use the following textbox to add descriptive text to your case title if you wish.

Extra Information (maximum 20 characters)

**SEND NEW CASE**



**TREIO**  
*eEDES simulator*

- TREIO Exercise 8 - Acknowledging the receipt of an EIO
- TREIO Exercise 9 - Request for additional information
- TREIO Exercise 10 - Rejecting an EIO

# DEMO OF USE CASES 1 & 2

### My Dashboard

Last edited cases

Issued requests	Received requests	Drafts
2	5	1

28/03/2023	EIO-XX-ZZ-2023-03-28-0001-1	test case 2	ZZ	EIO
24/03/2023	EIO-XX-ZZ-2023-03-24-0001-1	First case	ZZ	EIO

### SECTION A

Issuing State  
eEDES simulator

Executing State \*

Select executing state

- Hellenic Republic
- Hungary
- Italian Republic
- Kingdom of Belgium
- Kingdom of Spain
- Kingdom of Sweden
- Kingdom of the Netherlands
- Portuguese Republic
- Republic of Austria
- Republic of Croatia
- Republic of Estonia
- Republic of Finland
- Republic of Latvia
- Republic of Lithuania
- Republic of Malta
- Republic of Poland
- Republic of Slovenia
- Romania
- Slovak Republic
- TREIO autoresponder

EIO

Overview | Annex A | Event & Message Timeline

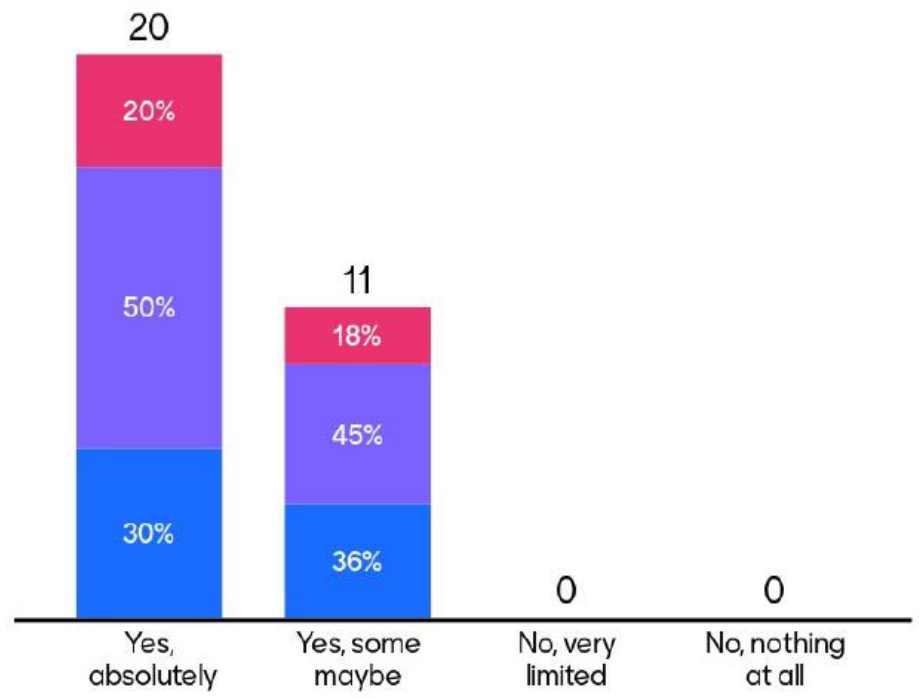
ISSUING STATE eEDES simulator

ISSUING AUTHORITY eDES-test-authority

## TREIO eEDES SIMULATOR VALIDATION

- Took place in a face-to-face survey conducted 5-6 October 2023 in Florence
- Attendees, predominantly from EIO Competent Authorities (Prosecutors and Tech or Admin Staff), were actively engaged in providing valuable feedback aimed at assessing the tool's efficacy during training sessions.
- Groups were identified based on prior experience and roles.
- The feedback overwhelmingly endorses the TREIO eEDES Simulator for its effectiveness in facilitating real-time TREIO training experiences.

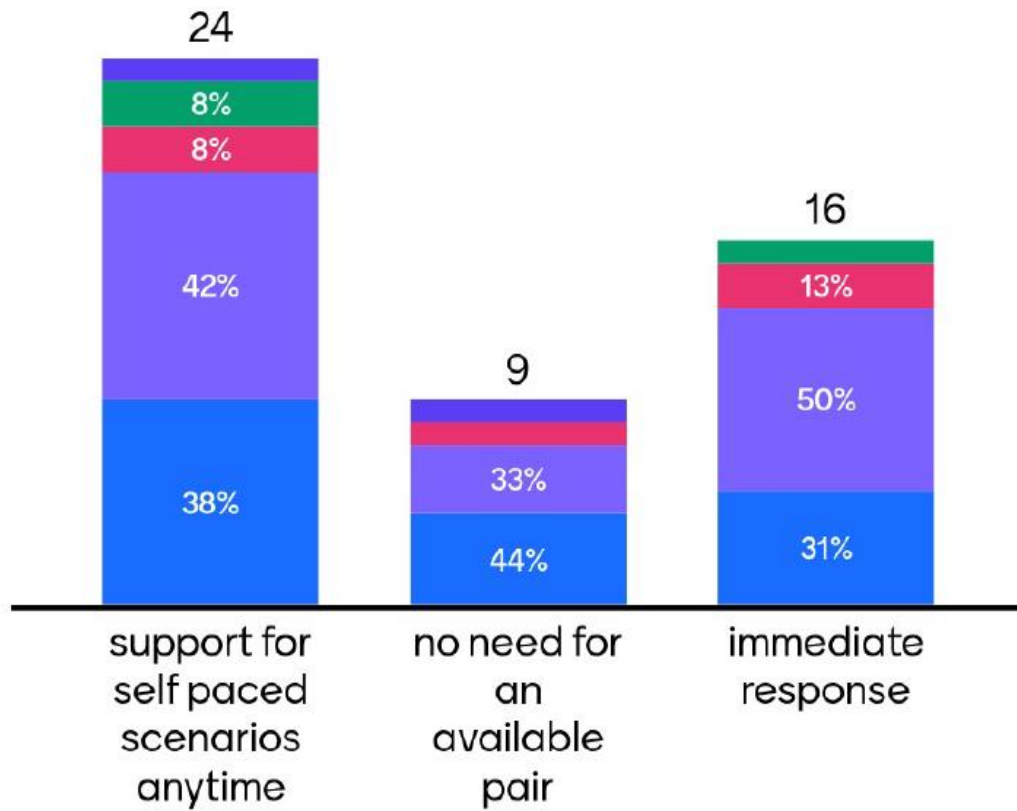
# DO YOU FIND ANY BENEFIT IN THE eEDES SIMULATOR?



### Previous usage of the eEDES Simulator

- I have used the Simulator before
- This is my first experience
- Unknown

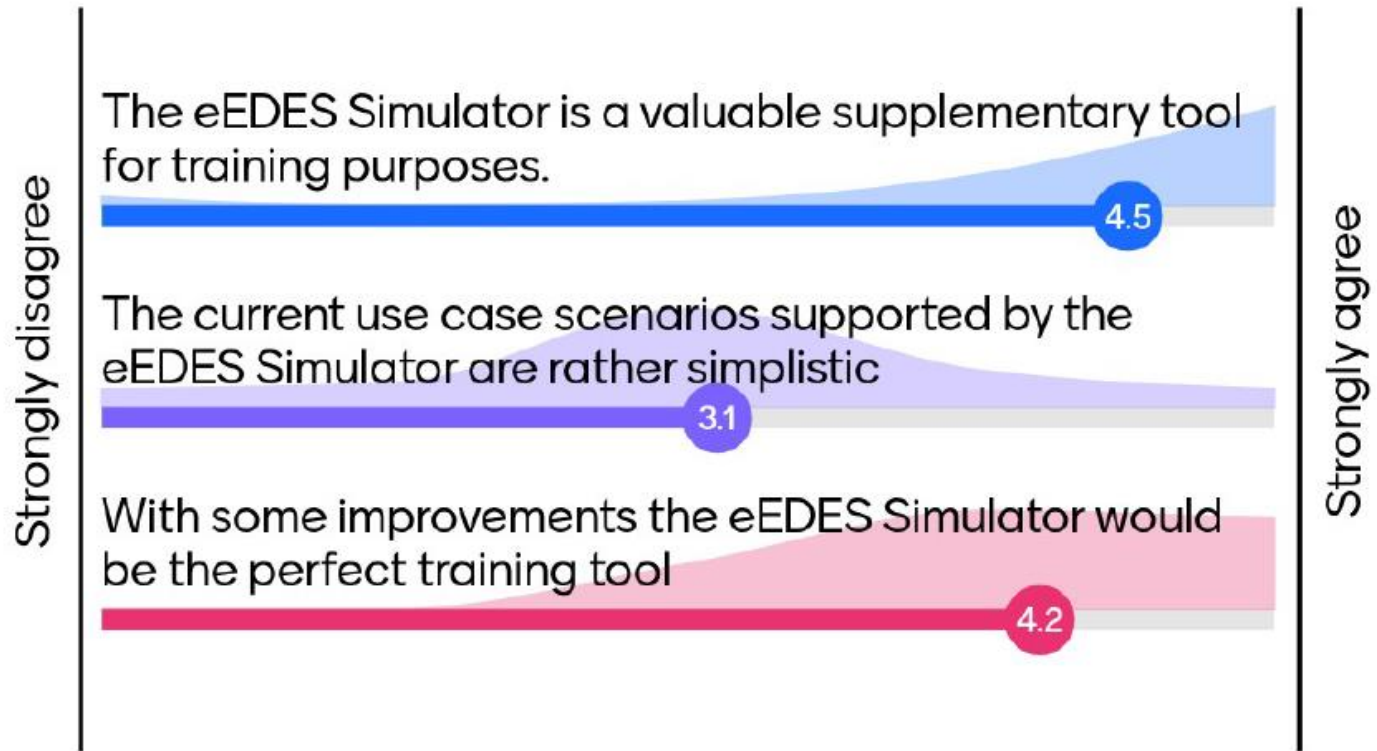
# WHAT KIND OF BENEFITS ARE OBVIOUS FOR YOU?



## My role

- Technical or administrative
- Prosecutor
- EIO trainer
- None of the above
- Unknown

# DO YOU AGREE OR DISAGREE WITH THESE STATEMENTS?



**AFTER THIS EEDES SIMULATOR SESSION, DO YOU FEEL MORE COMFORATABLE HANDLING EIO CASES?**

**Yes**



**No**



## KEY TAKE AWAYS

1. The TREIO eEDES Simulator is an important part of the TREIO Training Toolkit
2. The Simulator can support more advanced EIO training scenarios if need be and if resources are secured
3. The Simulator can also support training of other legal instruments offered by eEDES in the future in coordination with DG Justice and Consumers
4. BUT the license of the eEDES software was granted exclusively for the duration of the grant agreement of the TREIO project

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Thank you

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