



# A sneak peek into the updated Online Learning Agreement

Webinar

June 25, 2020

The background features a complex network of thin grey lines and dots, forming a web-like structure. Scattered throughout are various triangles of different sizes and orientations, some with solid grey dots at their vertices. The overall aesthetic is modern and technical.

# Online Learning Agreement

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In focus today



## **What ...doesn't work**

leveraging on 4 years  
of experience

**01**

## **Making it work...**

from an IRO  
viewpoint

**02**

## **How will it work...**

from the technical  
viewpoint

**03**

# **AGENDA**

**04**

## **More updates to come**

- Other features in the pipeline
- Announcement

**05**

## **Timeline**

Steps ahead

**06**

## **Q&A**

Via slido

**#ola\_updated**

# 01

## What needs to be improved

- 
- 4 years of experience – working with students, HEIs, NAs, DG EAC
  - Survey results
  - Extensive feedback via helpdesk

# OLA Survey



**1170  
IROs**

**End of 2019  
Beginning of 2020**



**2690  
Students**



## Key numbers

91%

of students would recommend OLA to their peers

93%

of IROs think LA should be managed online







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**But it can get better...**

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# Key findings



## Over 80%

Of IROs still see the workload surrounding Erasmus+ mobilities as high or very high



## 87%

Introduced OLA to decrease the workload



## Usage

**2200+**

HEIs already have Dashboard accounts

**5000+**

Staff accounts



# 76%

Would recommend Dashboard to their colleagues

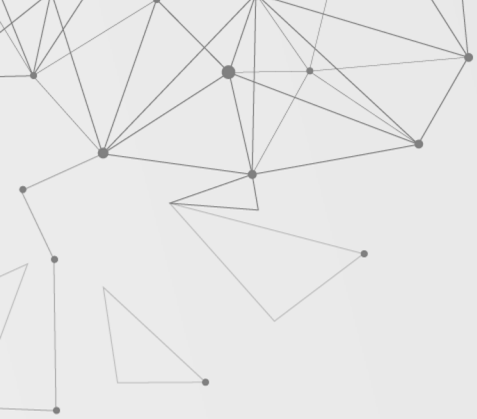






**So what are the areas of  
improvement?**

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**Thank you for the feedback!**







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## **Rigidity**

“The biggest issue with the Dashboard is that it does not forgive mistakes”

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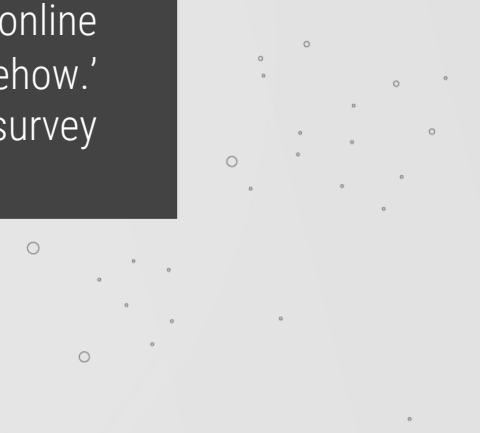





“Problems with emails, not knowing who the appropriate person is. If a mistake in filling in the contact was made, one had to start over. Takes time to find out if the coordinators [haven’t] received it or just haven’t yet filled it out. Had to email everyone anyway.”

*From OLA Student survey*

‘To me, it’s an extra tool which I have to use in addition to Mobility Tool and Mobility online. It’s just too much. I’d rather have the implementation of OLA in Mobility online somehow.’  
From OLA IRO survey








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# **Correction of errors & Duplicate OLAs**

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# Signing solution

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**From problems to  
opportunities**

# Making OLA work

Nikos Liolios



ARISTOTLE  
UNIVERSITY  
OF THESSALONIKI





# OLA updates

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Needs of the  
students

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Needs of the  
HEIs

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Needs of the  
Erasmus+  
programme



# **Control over the contact data**

- Up-to-date contact list
  - Contact persons per HEI or per faculty
  - Students will select the right contact from a drop-down list
  - No typing – less errors
- 

# No more OLA duplicates


## **Authentication**

ESI allows for  
mapping of the  
“right” OLA


## **One OLA per student**

Chance to turn-  
off self-service



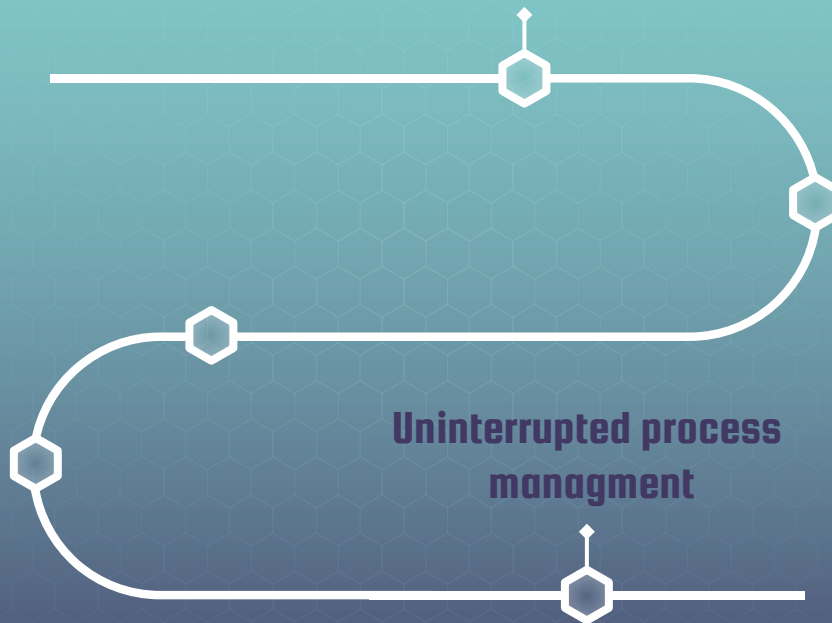
- 
- Changes to OLA is the rule, not the exception
  - IROs need to see who made the changes and when
  - Versioning aka “track changes”
  - Clarity for the audit procedures

**Easy overview  
of all changes  
made**



# No dead-ends

**EWP interoperability  
standards**



**Uninterrupted process  
managment**

# Signing in the digital era

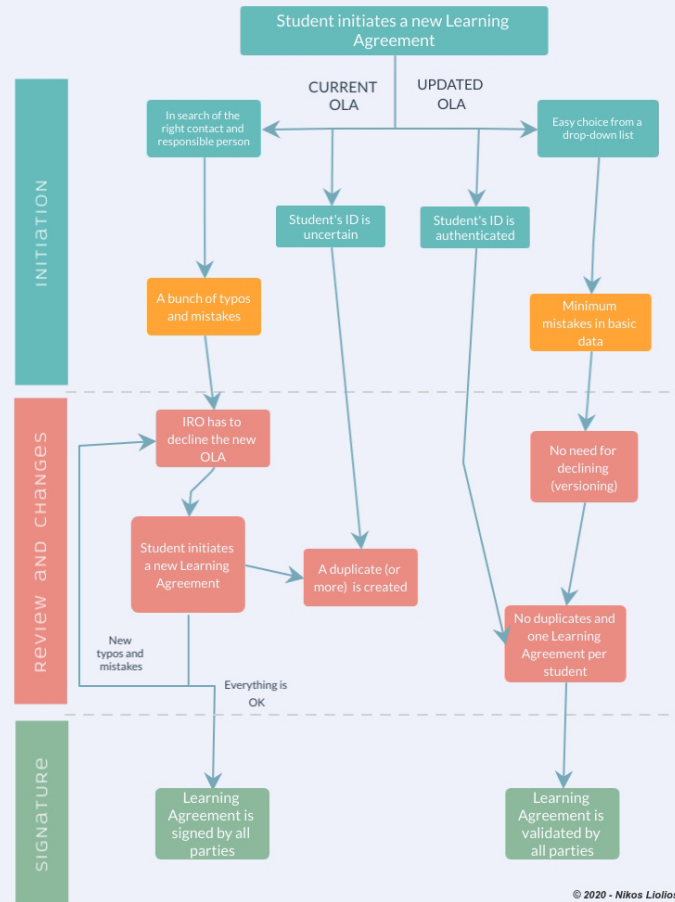
- Robust authentication of the  
signee

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- Click to validate instead of  
signing

# A more streamlined process

## WHAT'S NEW IN OLA?



The background is a teal-to-blue gradient with a faint hexagonal pattern. Overlaid on this are several 3D wireframe cubes and hexagons of varying sizes and opacities, some with small teal dots at their vertices.

# Updated OLA Launch

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Early autumn 2020





**Stay tuned!**  
**Even more to come!**

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Features in the pipeline



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# Reminders

- Time-triggered and automatic?
  - As an opt-in for summary on pending matters?
  - ...
- 



The background is a solid teal color. In the top-left corner, there is a complex network of white lines connecting several white dots of varying sizes. In the bottom-right corner, there is a more sparse arrangement of white lines and dots, including some triangular shapes formed by the lines. Two thin white horizontal lines are also present: one near the top right and one near the bottom left.

# **Transcript of Records**

The background is a solid teal color. In the top-left corner, there is a complex network of white lines connecting several white dots of varying sizes. A horizontal white line extends from the right edge of the slide towards the center, stopping just before the title. Another horizontal white line extends from the left edge of the slide towards the center, stopping just before the title. In the bottom-right corner, there is another network of white lines and dots, similar to the one in the top-left but less dense.

# ICM and Non-Erasmus

An abstract geometric pattern consisting of white lines and dots of varying sizes, forming a network-like structure. The pattern is set against a teal background that has a subtle gradient, being darker on the left and lighter on the right. The lines and dots are concentrated in the upper right and lower right areas, leaving the left side more open for text.

# Announcement

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Something we all have been waiting for...

# Ticketing System!

## **Extensive Knowledge base**

Easier to find the  
necessary  
information

## **For students and HEIs**

Making sure the  
question reaches  
the right addressee

Roll-out as of the  
end of summer!

The background is a solid teal color. Overlaid on this are several abstract geometric patterns. On the left side, there is a complex network of white dots of varying sizes connected by thin white lines, forming a web-like structure. Scattered across the right side and bottom are several thin white outlines of triangles and other polygons. A single vertical white line is positioned in the upper right quadrant.

**Next steps**



# Next steps



## **eduGAIN**

Consider giving your student access to eduGAIN (if that's not already the case)

## **Follow the guidelines in the tools**

Nothing changes for the OLAs already made.  
In autumn OLAs will be made via the updated platform.

## **More information to come**

As the launch approaches – more details on transition period will follow!



# Q&A

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Slido  
#ola\_updated

# Stay tuned!

**Webinar – The ESI: what and how?**

28 May 2020

10.30 – 12.00

**Webinar – What to expect of the new Erasmus App?**

11 June 2020

10.30 – 12.00

**Webinar – A sneak peek into the new OLA!**

25 June 2020

10.30 – 12.00

**ERASMUS**  
— *Going* —  
**DIGITAL**

<https://uni-foundation.eu/>



# Progress of Development Work in the updated OLA

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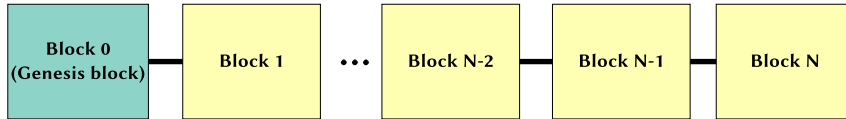
# OLA3 Blockchain Feasibility Study

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<https://datalab.csd.auth.gr/>  
Aristotle University of Thessaloniki



# What is a blockchain? (I)



# What is a blockchain? (II)

- ▶ Each block is securely linked to the previous one using a cryptographic value (hash)
- ▶ It takes enormous computing resources to produce each next block, but negligible to verify correct results (proof-of-work)
- ▶ The blockchain contents are replicated on every computer in the network
- ▶ Initially used only for transferring digital money, but now can be used for other purposes as well

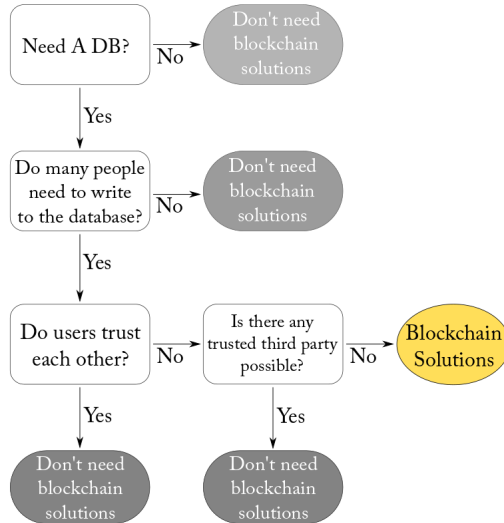
- ▶ Immutable
- ▶ Decentralized ledger that can store any type of data
- ▶ Allows for trustless interactions
- ▶ Smart contracts (ability to automate processes)

- ▶ Public
  - ▶ Open to anyone (permissionless)
  - ▶ Anonymous
  - ▶ Fully transparent
  - ▶ Examples: Bitcoin, Ethereum
- ▶ Private
  - ▶ Requires an invitation to join (permissioned)
  - ▶ No anonymity
  - ▶ No transparency
  - ▶ Targetted primarily at enterprize usage
  - ▶ Examples: Hyperledger Fabric, Corda



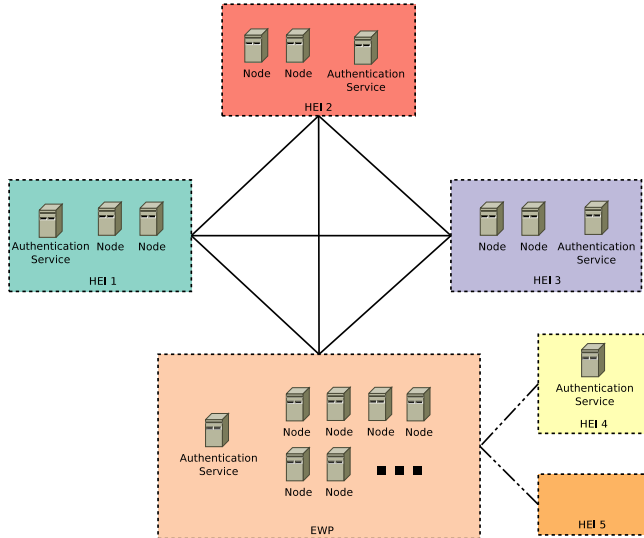
- ▶ Interoperability
- ▶ Unified authentication for all institutions
- ▶ Strict verification of consent/Identity management
- ▶ Security
- ▶ System robustness

# Blockchain Feasibility Flowchart



- ▶ Based on Hyperledger Fabric
- ▶ Replace existing data stores with blockchain
- ▶ Each institution should deploy at least one node in the network
- ▶ For institutions that cannot host blockchain nodes, the EWP could function as an intermediate provider of infrastructure
- ▶ Considerably difficult to implement

# Proposed solution (II)



- ▶ Keep existing infrastructure and processes
- ▶ Only store transaction hashes on the blockchain
- ▶ Allows for universal validation of data
- ▶ Can be trivially implemented with public blockchains: No infrastructure required!
- ▶ Not how institutions are used to operate

- ▶ On a technical level, blockchain technologies are capable of supporting OLA
- ▶ GDPR?
- ▶ Two different architectures proposed
- ▶ To proceed, a more in-depth technical study should be conducted