



erasmus  
without paper

# The Erasmus without Paper Project

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Co-funded by the  
Erasmus+ Programme  
of the European Union

FROM  
ERASMUS  
TO  
**ERASMUS+**  
A STORY OF  
**30 YEARS**



**Jean-Claude Juncker**  
President of the European Commission

*As we celebrate the 9 millionth Erasmus+ participant, let's make sure we are 9 times more ambitious, because Erasmus+ is a good response to the foolishness of national egoism and isolationism.*

**#ERASMUSPLUS**  
[EC.EUROPA.EU/ERASMUS30](https://ec.europa.eu/erasmus30)



Illustration - Image: © European Union 2017

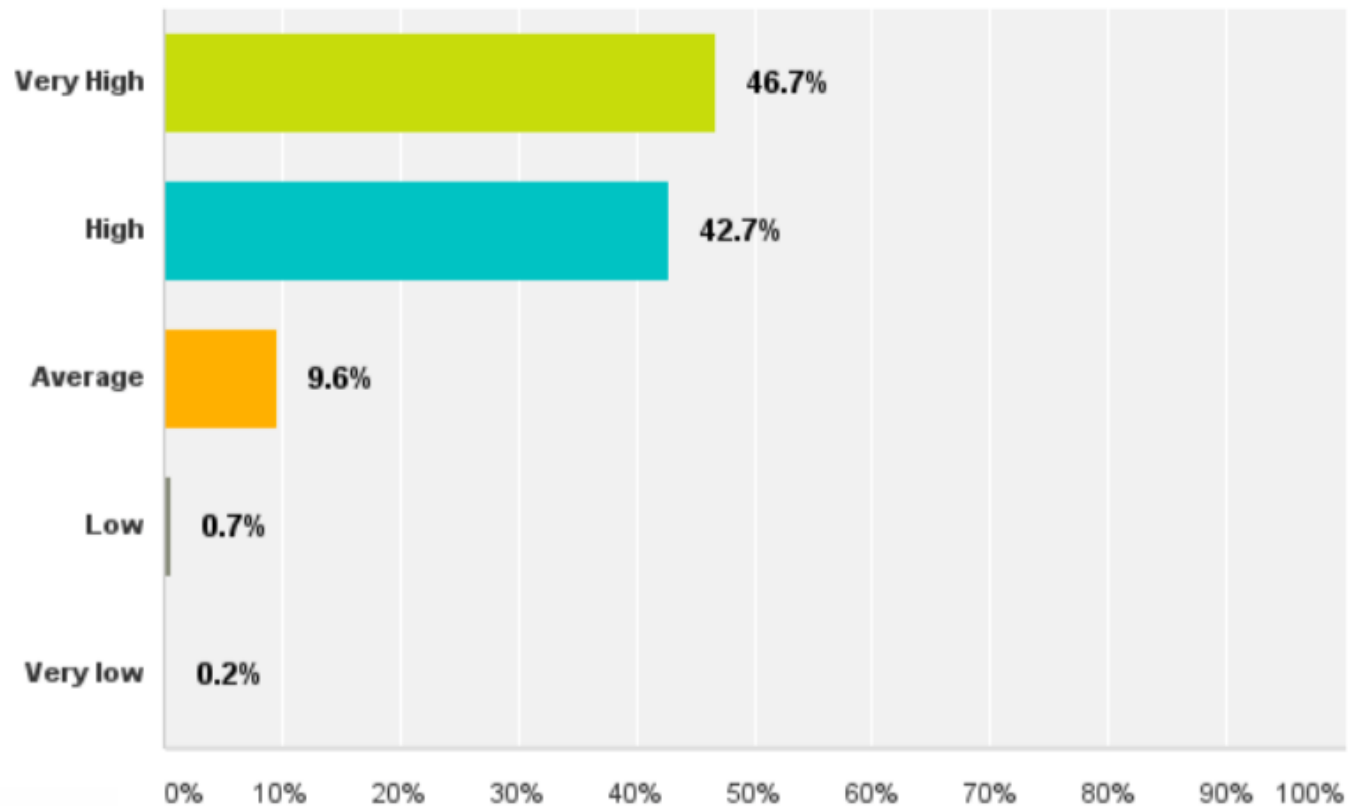
# 9 times the workload?



# EWP context

mapping exercise I

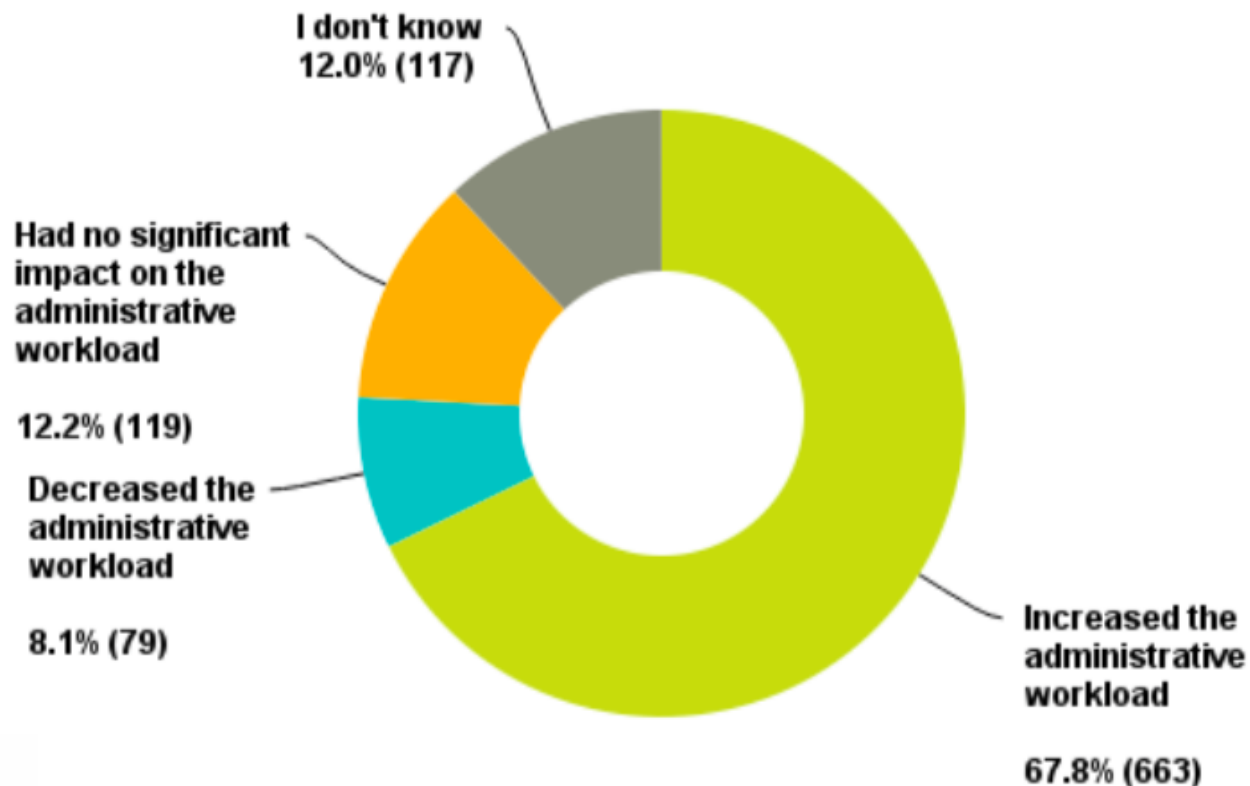
Q: the workload surrounding the management of Erasmus+ exchanges is...?



# EWP context

## mapping exercise II

Q: in your opinion the changes introduced by Erasmus+ in 2014 have:



# Erasmus without Paper

2015-2017



# EWP Project goals

- integrated communication **network** supporting the exchange of student data in an electronic form
- **connectors** that allow Student Information Systems (SISs) with built-in mobility modules and/or stand-alone Mobility systems to exchange data over the EWP Network.



# Introducing the EWP

defining characteristics

- Goal 1: enable **interoperability**
- Defining standards
- Address higher level security and privacy issues
  - security: authentication of servers and users
  - privacy: ensure compliance with GDPR

# Introducing EWP

defining characteristics

- Goal 2: create a trusted **network** to enable communication among data repositories
- Keep the data where it is stored, but make it accessible in a simple, reliable and secure way
- Exchange structured data, not scanned documents
  - direct SIS-SIS communication
  - machine readable data

# EWP today

state of play

- Proof of concept/working prototype
  - proves feasibility of technical approach
  - testbed underpinned by extensive desk R&D

# EWP 2.0

2018-2019

# Why EWP 2.0?

- Finish what we started!
- The EWP network will:
  - be further developed
  - tested with real data
  - and publicly launched by December 2018 (tentative date)

# Challenge #1

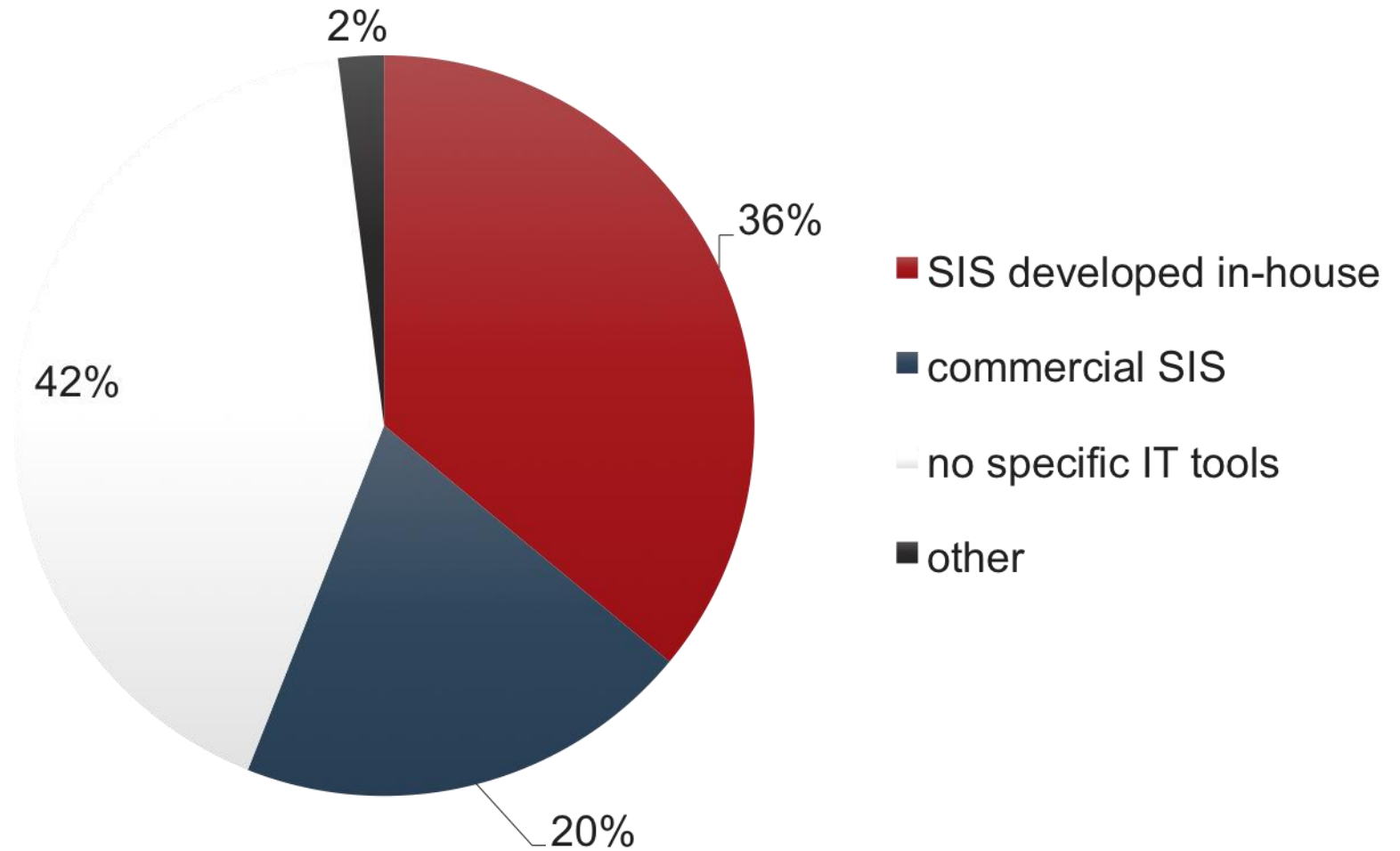
## Institution A



## Institution B



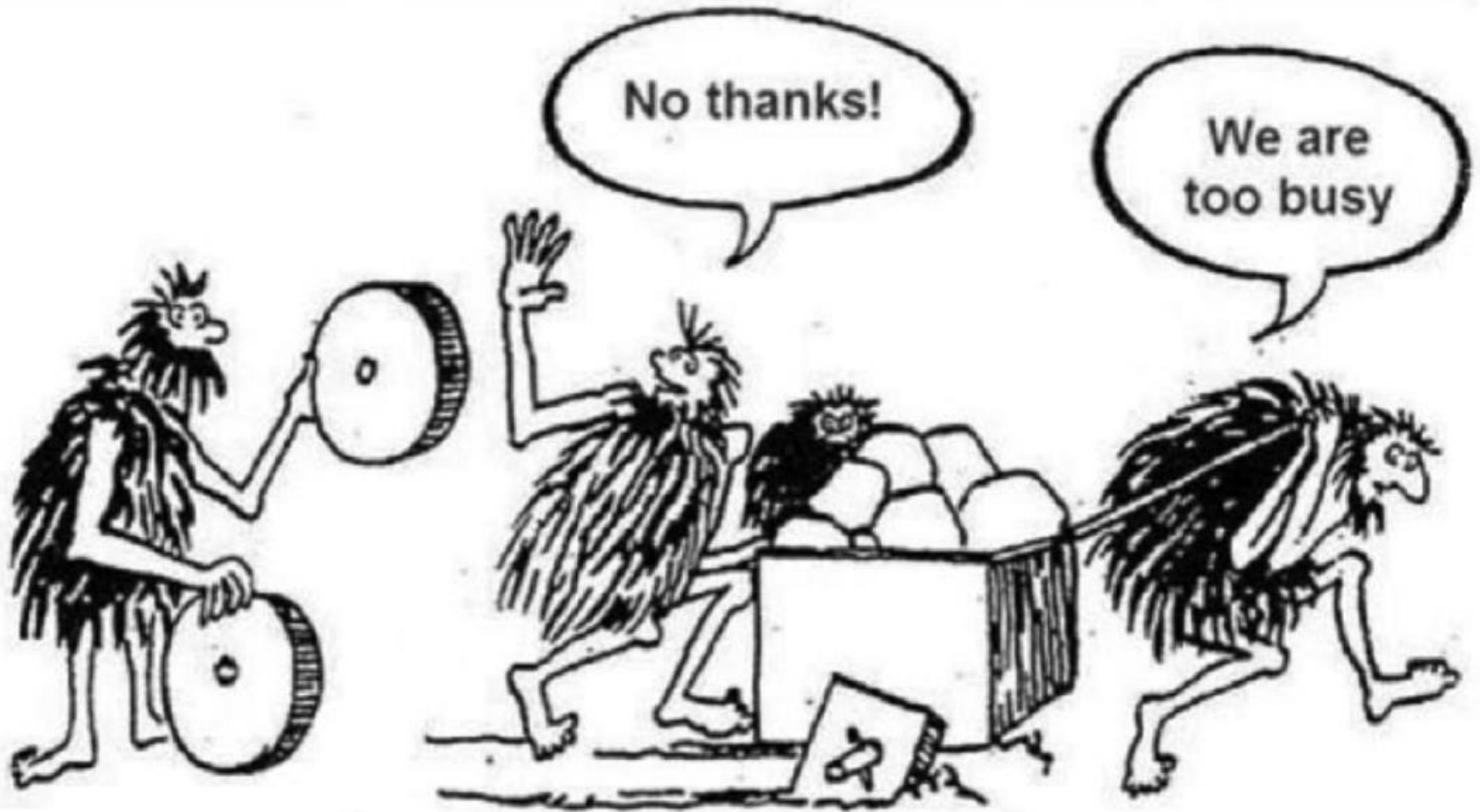
# Challenge #1



- How?
- Reuse and recycle
- EWP as umbrella for existing open source tools developed with EU funding (or not)
- Launch an open source code repository
- Supported by new Open Source University Alliance



# Challenge #2



# Challenge #2

Digital change is cultural change!!

Developing the technology is easy.

Making the most out of it.. not always.

# EWP 2.0

competence centre

- Provide practical examples of how local SIS have been connected to the EWP network
- Ensure availability of high quality reference documentation
- Stepping stone for a professional EWP helpdesk

# Looking at 2020 and beyond

- EWP as the “electronic brain” of new E+ programme
- Anticipate how workflows can be adapted and take advantage of new infrastructure (EUF Erasmus Experts workgroup)

“We have to have a system that is going to make the whole process much easier. We have to make the system work better than today...”

Adam Tyson, Acting Director for Strategy and Evaluation at DG for Education & Culture, European Commission during closing conference Erasmus Without Paper project

# Want to get involved?

- Get ready to connect, involve your IT team and the leadership of the institutions
- Contribute to the open source repository
- Let your partner institutions know you're going digital and you expect them to do the same
- Join discussions about streamlining Erasmus+
- Useful resources:
  - [www.erasmuswithoutpaper.eu](http://www.erasmuswithoutpaper.eu)
  - [developers.erasmuswithoutpaper.eu](http://developers.erasmuswithoutpaper.eu)
  - [github.com/erasmus-without-paper](https://github.com/erasmus-without-paper)

# EWP project partners



## Associate Partners



**Thank you for your  
attention!**



# erasmus without paper

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