



Digitalisation in the future Erasmus+



Objectives of the webinar

Digital Opportunity Traineeship Initiative (DOT) – Traineeships in Digital Skills



European Student Card Initiative



Erasmus+ boosting digital skills through traineeships

Students in **all domains** need to be **educated** in **digital skills**, **not just those** who choose an **ICT career**



Pilot project to provide **cross-border Erasmus+** traineeships for up to 6,000 **students and recent graduates** in 2018-2020

ICT specialist skills

Digital skills for business

What is a traineeship in digital skills?

One or more of the following activities are practiced by the trainee:

- digital marketing (e.g. social media management, web analytics)
- digital graphical, mechanical or architectural design
- development of apps, software, scripts, or websites
- installation, maintenance and management of IT systems and networks
- cybersecurity
- data analytics, mining and visualisation
- programming and training of robots and artificial intelligence applications

What is NOT a traineeship in digital skills?

Generic customer support

Order fulfilment

Data entry or office tasks

Using Microsoft Office software



“During the Digital Opportunity Traineeship, I developed skills in programming and data analytics that I wouldn’t have adopted during the general studies. This experience led me to choose my future career path in cognitive science which is related to coding and artificial intelligence.”

Maximilian Marschner

University of Freiburg, Germany



How does it work?

What is a digital skills traineeship?

Use of the existing Erasmus+ rules to boost traineeships in digital skills

Geographical scope

- **Definition in the 2018 call Erasmus+ programme guide listing a number of activities (p. 32)**
- **When one of the listed activities is practised during the traineeship it becomes a "traineeship for digital skills"**

- **Traineeships implemented in Erasmus+ Programme Countries: through KA103**
- **Traineeship implemented in Horizon 2020 associated countries (including Switzerland): through KA107**

How does it work?

Increasing visibility

TOOLKIT promotional material available in all languages:

<https://ec.europa.eu/digital-single-market/en/digital-opportunity-traineeships-boosting-digital-skills-job>

Monitoring the uptake

- **Quantitative:**
 - **Indicating in the Learning Agreement for Traineeships**
 - **Reporting in MT+ (special flag)**
- **Qualitative: Reporting in Participant Reports for Traineeships**

Almost **3,000**
students have
already benefited
from the initiative

Main sending
countries:

Germany

Spain

Belgium



What can *YOU* do?



Build a strategy

- ✓ Consult with your colleagues (professors, career service, international relations office, etc.) to tailor your strategy
- ✓ Think how best to make DOT a success in your institution

Help students find their traineeships to improve their digital skills

- ✓ Involve career services and promote [ErasmusIntern](#) and [Drop'pin@Eures](#) as platform where students can find digital opportunity traineeships





Intern (f/m) IT Assurance

Business Studies and/or Management Science, Engineering and/or Technology, Mathematics and/or Informatics

PwC Österreich GmbH Wirtschaftsprüfungsgesellschaft

📍 Austria, Vienna 📍 Austria, Salzburg

Period: 1 Sep, 2019 to 31 Mar, 2020

Post date: 12 Dec, 2018

Deadline: 31 Mar, 2019



Internship details

This is a Digital Opportunities Traineeship (DOT). If you want to apply for this internship, please remember that you have to be a student or recently graduated based in one of the **33 Programme Countries** [↗](#) participating in Erasmus+ or the Horizon 2020 **Associated Countries** [↗](#).

Before applying for a Digital Opportunity Traineeship we encourage you to check with your university if you are eligible for Erasmus+ traineeship. You can read more about DOT's in our [information page](#) [↗](#).

General information

Duration: 6 months

Commitment: Full-time

Description:

PwC, with around 1200 employees at 5 locations in Austria, is one of the leading audit and advisory companies in the country. Globally, as part of the international network, we offer our services in the areas of assurance, tax and advisory across 157 markets.

Your responsibilities

- Assist in auditing and evaluating internal controls within IT and business processes in the context of the statutory audit.
- Support the audit and improvement of ERP systems with a focus on compliance and security
- Help analyse business transactions using process mining tools
- Analyse transaction data, master data and accounts in IT systems for irregularities
- When required, assist on diverse consulting projects for international clients



Digital Skills and Jobs Coalition



European Commission

Journey for Companies



Get employers on board

- ✓ Use our [digital toolkit](#) to inform employers about this opportunity
- ✓ Available in all Programme Country languages



Monitor carefully

- ✓ Ensure your monitoring and reporting processes are thorough when reporting in **the Mobility Tool+**, the Erasmus+ monitoring system
- ✓ Make sure you tick **the dedicated flag for Traineeships in Digital Skills** when the focus of the traineeship is on the development or acquisition of specific digital skills

With this initiative, a key building block of the future programme is in your hands!



What is the European Student Card Initiative?



**A bottom up initiative supported by the
European Commission through**

**Erasmus+ funded
projects**

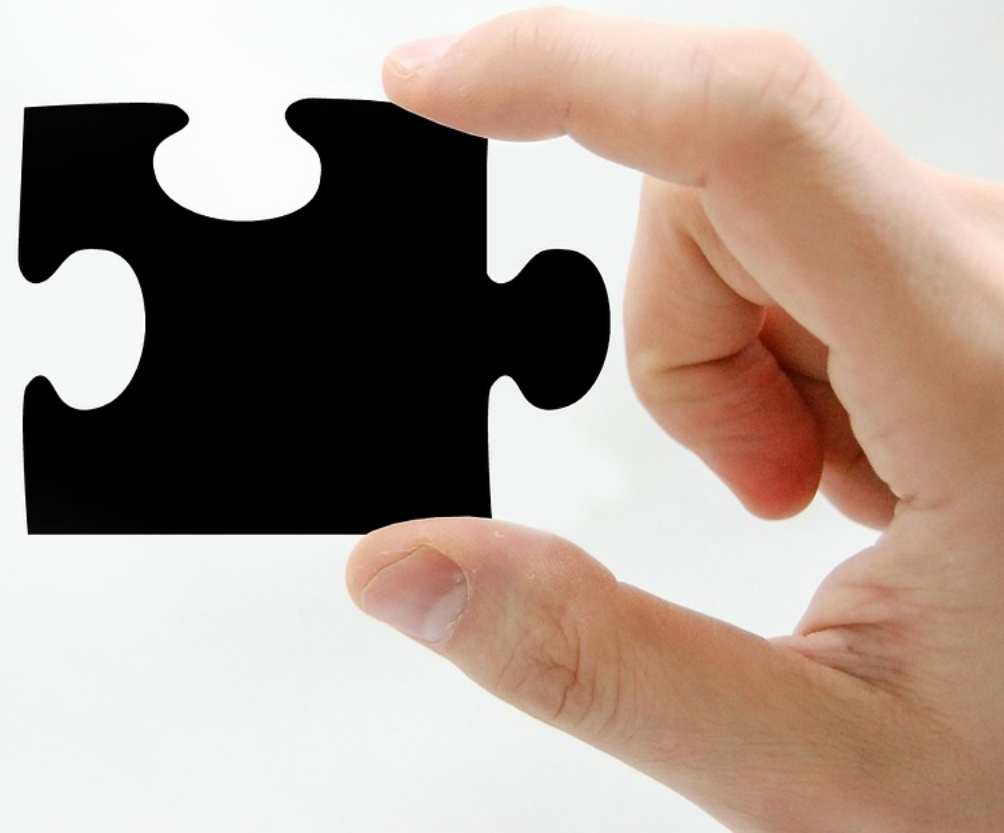
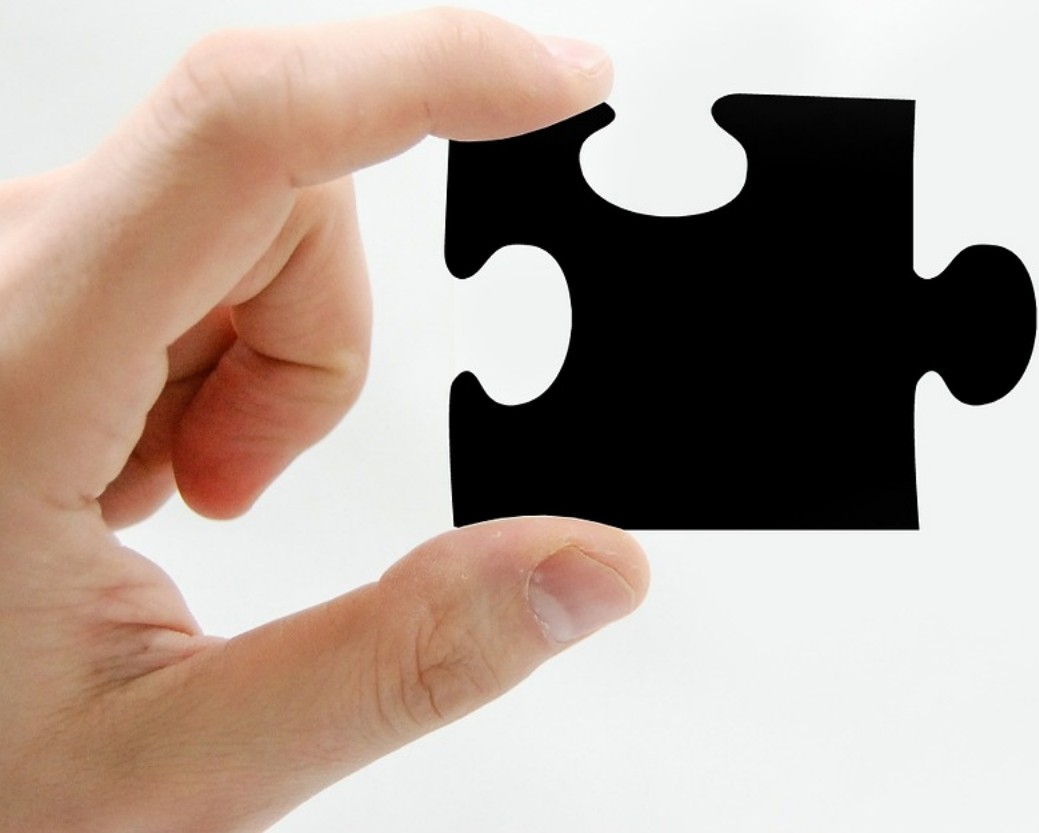
*to digitise and streamline
procedures and services*

**Connecting Europe
Facility (CEF) projects**

*to develop a unique student
identifier for authentication
online*



**The projects work together to achieve the objectives
of the European Student Card Initiative**



A single online entry point for mobility coordinators to

- ✓ exchange student data
- ✓ manage student mobility
- ✓ report to the Mobility Tool+
- ✓ set up inter-institutional agreements



A single online entry point for students to

- ✓ find information
- ✓ apply for a mobility
- ✓ manage the online learning agreement
- ✓ access online linguistic support
- ✓ get access to student services
- ✓ receive reminders and notifications
- ✓ facilitate automatic ECTS recognition



A unique student e-identifier



- ✓ So students can securely share **authenticated** personal data and qualifications with host institutions e.g. for full enrolment
- ✓ Sign up for services such as libraries, canteens and accommodation
- ✓ Use smartphones to access higher education institution services

A visible symbol of a true European student identity in a true European Education Area

- ✓ European Student status easily recognised via a visible symbol on EXISTING cards
- ✓ No borders to learning or training
- ✓ Inclusion is key! Services accessible via a computer or smartphones





The European Student
Card initiative will **NOT**
produce a **new physical**
card to replace existing
student cards!

European Student Cards

- Adding ESC branding to institutions' existing student cards to aid recognition
- Incorporating unique ESC card number and ESC student identifier onto card
- Tools available to automatically generate ESC card numbers into existing Card Management Systems
- For more information, go to: europeanstudentcard.eu



The EWP standards will become gradually mandatory from 2021

- ✓ 2021: Inter-institutional agreements and Online learning agreements
- ✓ 2022: Nominations
- ✓ 2023: Transcripts of records
 - ✓ *Roadmap to be maintained provided testing confirms they are fit for purpose!*



Why?



Great **efficiency gains** for coordinators



Better overview of the mobility cycle



Increased **participant satisfaction**



Your institution at the **forefront of international cooperation**

How?

Step 1: Digitise all the Erasmus+ procedures

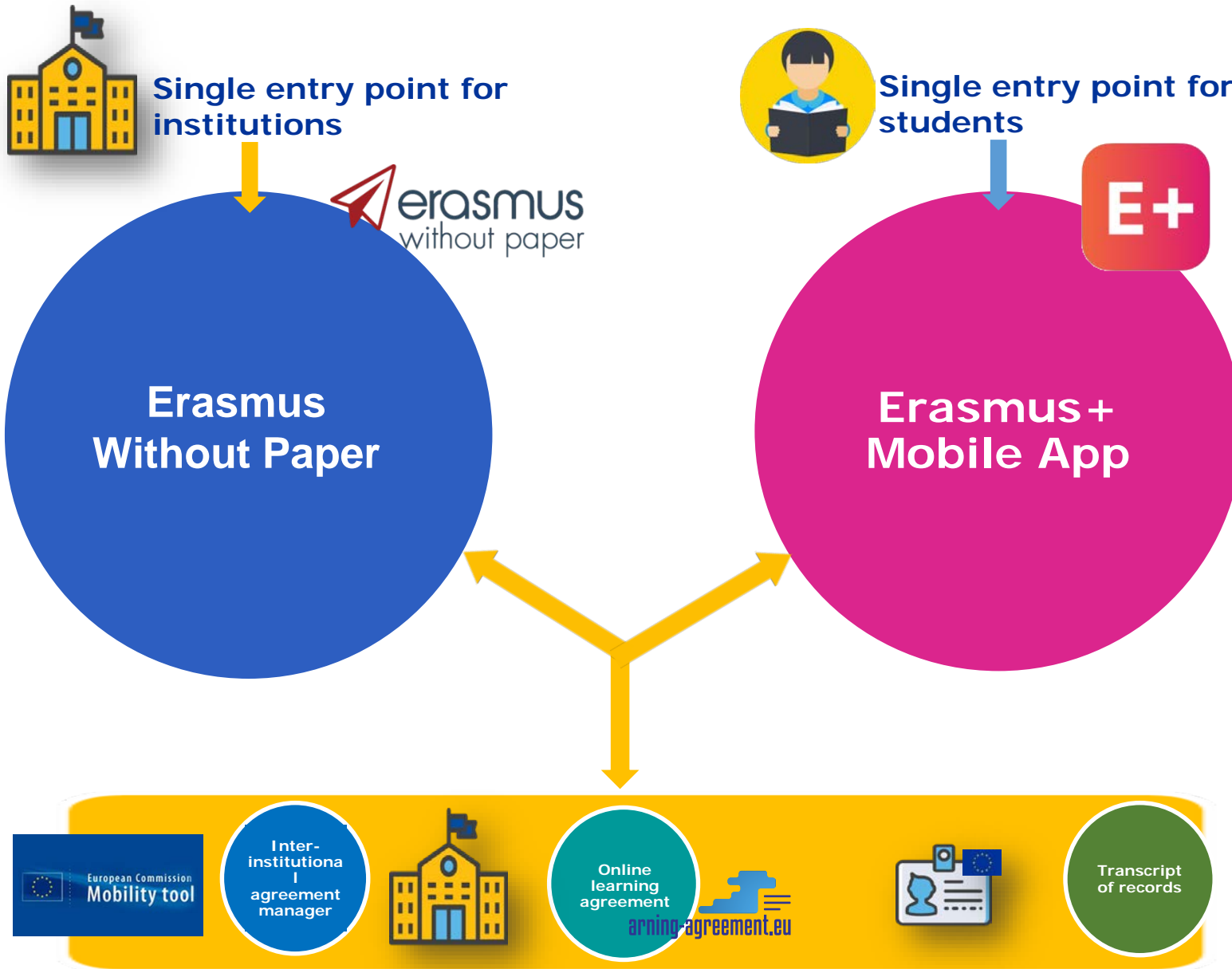
- ✓ *Erasmus Without Paper, Online Learning Agreement, Erasmus+ Mobile App, Inter-institutional Agreement Manager*

Step 2: Integrate a student e-identifier

- ✓ *MyAcademicID (incorporating eIDAS, ESC and EduGain)*

Step 3: Connect all the services into a single online entry point for staff and students





Development roadmap

Ready now:

- ✓ ESC tools for card management
- ✓ EWP Network and Dashboard
- ✓ Erasmus+ Mobile App
- ✓ OLA for studies

Ready in 2019:

- ✓ OLA for traineeships
- ✓ Inter-Institutional Agreement Manager
- ✓ Connection between EWP Network and Dashboard
- ✓ Automatic reporting into Mobility Tool+

Ready in 2020-2021:

- ✓ MyAcademicID online student authentication
- ✓ Erasmus+ Mobile App with all functionalities for before, during and after mobility

But can it work for my institution?

"We use our own system"

"We don't use an IT tool"

"We use MoveOn"



It addresses the diversity of needs of every institution

- ✓ If you use an **in-house developed tool** you can connect it to the EWP network
- ✓ If you use a tool **developed by a commercial provider** they can connect to the network
- ✓ If you are currently **not using any tool** to exchange student data you can use the EWP dashboard

When?



- **2019-2020**
Development and testing phase
- **By 2021**
All functionalities ready for the future Erasmus+ programme
- **By 2025**
Possible roll-out for all mobile students

The time to prepare to be ready by 2021 is NOW!





It is **vital that all higher education institutions** start testing to ensure

- ✓ The tools are **fit for purpose**
- ✓ Institutions are **ready** for paperless procedures

Support and resources

- [Erasmus Without Paper Competence Centre](#)
- [European Student Card initiative Toolkit](#)
- “Erasmus going digital” conferences and EAIE
- Policy priorities for Strategic Partnerships





**Thank you for joining
us today!**

**Contact us at:
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European
Commission