



# Deliverable 9.4 v.2 Report on the transformation of bilateral research collaborations into multilateral research collaborations



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Abetwork	This document illustrates the activities carried out during the second half of the implementation period to achieve the final objective of increasing the number of research collaborations among the EDUC Partners by transforming bilateral collaborations into multiple real cases as well as by developing new energy.
Abstract	collaborations into multilateral ones as well as by developing new ones.  Research; Topics; Cooperation; S3; Strategies; Culture and Heritage, Cyber
Keywords	Security and Artificial Intelligence, European Union studies, Lifelong Health and Wellbeing; Justice Inequality and Inclusion; Mobility; Smart cities; Sustainable changes; Thesis supervision; Publications; Research projects.





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#### 1. Purpose of this document

Aim of this Deliverable is to give an update about research Seminars and other initiatives realized during the second implementation period, in order to increase the number of research collaborations among the EDUC Partners by transforming bilateral collaborations into multilateral ones, as well as by developing new ones on the research areas identified as strategic by the Alliance or linked to them (see also Deliverable 9.1 "Definition of the research priority themes and evaluation criteria").

#### 2. Research Seminars

As also mentioned in D 9.4 v.1, the seven EDUC priority research areas, identified during a dedicated meeting among EDUC partners, Vice Presidents for Research and Vice-Presidents for Internationalization held in Cagliari on February 2020, were:

- Lifelong Health and Wellbeing
- · Cyber Security and Artificial Intelligence
- European Union Studies
- Sustainable Changes: climate and resources
- Justice, inequality and inclusion
- Mobility / smart cities
- Culture and Heritage.

Initially planned as physical events, in the first phase all seminars had to be switched into online events due to the COVID19 pandemic. The last planned seminar of the online series was "Cyber Security & Artificial Intelligence", organized by Masaryk University (chaired by Václav Matyáš) and University of Rennes 1 (chaired by Frédéric Renouard). The seminar was split into two days during November 24 and 25, 2021, to offer all participants an option to be present during all the talks. The main aim of that schedule was to find more possible chances to cooperate.

At the end of the health crisis, it was possible to come back to the original planning, that is organizing physical events to favour and strengthen the cooperation among the researchers of the Alliance.

In table 1 the Seminars scheduled for 2022 with the date and the leading and co-leading Universities.

Table 1: Seminars' implementation date, Organizer and Co-organizer

		Date	Leading partner	Co-leading partner
•	2 <sup>nd</sup> Seminar on European Union Studies	9-10 June 2022	Cagliari	Pécs
•	Networking activity on Culture and Heritage	13-14 June 2022	Paris Nanterre	Masaryk
•	Culture & Heritage sub topic "Centres and Peripheries in Romance Literatures"	4-7 July 2022	Paris Nanterre	Masaryk
•	Justice, Inequality and Inclusion	29-30 September	Paris Nanterre	Rennes 1 & Cagliari



Overall, the 4 physical editions of the Seminars gathered **118 participants** from all universities of the Alliance (senior experts and PhD students), as shown in table 2.

Table 2: Data on the numbers of participants

rubic 2. Buta on the numbers of part	oipaires
Seminar	TOT
<ul> <li>European Union Studies</li> </ul>	20
<ul> <li>Culture and Heritage</li> </ul>	27
<ul> <li>Romance Literatures</li> </ul>	48
<ul> <li>Justice inequality and Inclusion</li> </ul>	23
ТОТ	118

As for the online edition of the Seminars, the objective of the physical edition was that of creating a stimulating context where to exchange and share ideas. What was noticed in the online edition was that, in some cases, the high % of PhDs vs a very low participation of senior researchers reflected in a low capacity of taking decisions on concrete future cooperation among participants, even if on the other side was appreciated for innovative ideas and research sub-topics shared. It was therefore agreed among organizers to pay particular attention during the selection phase in order to try to guarantee the participation of a good number of senior researchers or to also involve PhDs supervisors.

Each seminar' duration was between two and four days. The working language was English with the precious exception of the Seminar on "Romance Literatures" which was planned and realised in a multilingual format, in different Romance languages. In fact, each participant had the opportunity to speak in French, Italian, Spanish and Portuguese (with generally good understanding). Professors have really taken advantage of the Alliance to move away from all-English-Seminars (in particular with this kind of subject). Programmes have been translated into these 4 languages and in English for the EC.

Some seminars began with an introductory plenary session open to the public. In the introductory session, in addition to the greetings of the organizing and co-organizing partners, prominent external speakers on the Seminar topic were invited. The introductory session was then followed by sub-thematic parallel sessions in smaller groups, defined by the organization committee according to the participants' scientific interests, to favour discussions and debates in which the researchers and PhD students of the Alliance briefly presented their line of research to their colleagues and then moved on to discussion. In some seminars a final session was also organized again in plenary for the conclusions.

What follows is the detailed description of the roll out of each seminar in a chronological way.





# 3. Seminar 7 (online): Cyber Security & Artificial Intelligence

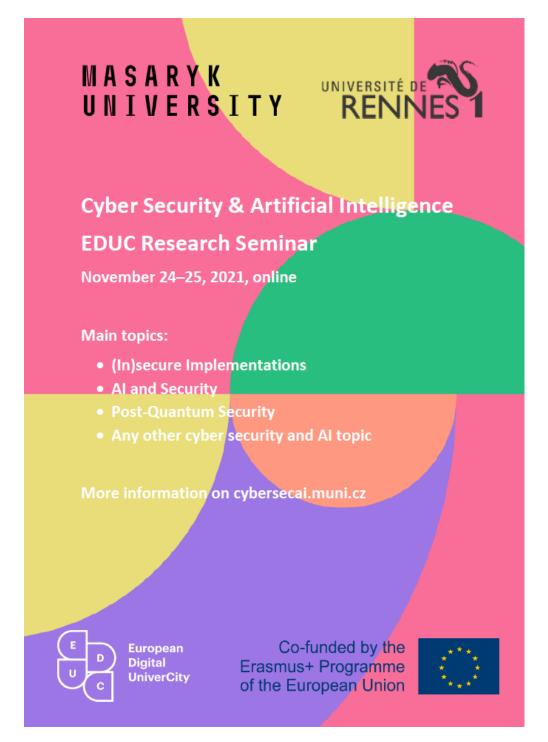


Image 1: Leaflet of the seventh seminar





#### Programme November 24-25, 2021





Detailed program of the online seminar

#### November 24, Wednesday

- 9.45 Participants logging in
- 10.00 Greetings (Václav Matyáš, Masaryk University)
- 10.05 Opening Ceremony Welcome Speech (Frédéric Renouard, University of Rennes 1)
- 10.15 Session 1: Law & Al (Chair: Lukáš Palko, Masaryk University)
- 10.15 Greetings
- 10.20 Introduction & short talk: Pavel Loutocký (Masaryk University)
  - Online Court as a Way to Automatize the Decision-making Processe
- 10.45 Introduction & short talk: Turgis Sandrine (University of Rennes 1)
  Cybersecurity and All issues through the Human Rights prism
- 11.10 Introduction & short talk: Dávid Tóth (University of Pécs)
  - Identity theft in the cyberspace
- 11.35 Introduction: Balázs Gáti (University of Pécs)

  Data protection trends in the field of criminal justice
- 11.40 Matchmaking discussion
- 12.00 Lunch Prost
- 13.30 Session 2: Post-Quantum Security (Chair: Fouque Pierre-Alain, University of Rennes 1)
- 13.30 Greetings
- 13.35 Introduction & key-note lecture: Alexandre Wallet (University of Rennes 1)
- Mitaka: A Simpler, Parallelizable, Maskable variant of Falcon

  14.20 Introduction: Nicolas Aragon (University of Rennes 1)
- Implementation of code and rank-metric based cryptosystems
- 14.25 Introduction: Lucas Prabel (University of Rennes 1)
- Lattice Trapdoors on Modules and Applications
- 14.30 Introduction: Andrea Lesavourey (University of Rennes 1)
  - Recovering short elements of ideal lattices
- 14.35 Matchmaking discussion
- 14:55 Session 3: Al & Security (Chair: Fouque Pierre-Alain, University of Rennes 1)
- 14.55 Greetings
- 15.00 Introduction & key-note lecture: Giorgio Giacinto (University of Cagliari)
  - (In)security of Machine Learning for Cybersecurity
- 15.45 Introduction: Rubén Salvador (University of Rennes 1)
  - Secure Intelligent Systems
- 15.50 Introduction: Damien Marion (University of Rennes 1)
  - When malwares reveal their identity through EM
- 15.55 Introduction: Yufei Han (University of Rennes 1)
  - Predicting Cyber Threats with Incomplete Security Reports
- 16.00 Introduction: Dóra Dergez-Rippl (University of Pécs)
  - Al, Art and Consciousness
- 16.05 Introduction: Emma Lupano (University of Cagliari)
  - Al in China's newsrooms: keywords, trends, and issues
- 16.10 Introduction: Luca Demetrio (University of Cagliari)
- Adversarial EXEmples: Functionality-preserving Optimization of Adversarial Windows Malware
- 16.15 Introduction: Sara Concas (University of Cagliari)
  - Deepfake detection
- 16.20 Matchmaking discussion
- 16.40 End





#### November 25, Thursday

- 9.15 Participants logging in
- 9.30 Greetings
- 9.35 Session 4: (In)secure Implementations (Chair: Václav Matyáš, Masaryk University)
- 0.05
- 9.40 Introduction & key-note lecture: Ján Jančár (Masaryk University)
- pyecsca: Reverse-engineering black-box elliptic curve cryptography implementations
- 10.25 Introduction & short talk: Daniel de Almeida Braga (University of Rennes 1)
- 10.50 Introduction: Voitěch Suchánek (Masaryk University)
  - DiSSECT: Analysis of standard curves
- 10.55 Introduction: Gwendal Patat (University of Rennes 1)
  - Exploiting GAFAM for fun and profit
- 11.00 Introduction: Guilia Orrù (University of Cagliari)
  - Biometric Recognition
- 11.05 Introduction: Adam Janovský (Masaryk University)
  - Data mining of cryptographic API records from large datasets
- 11.10 Matchmaking discussion
- 11.30 Lunch Break
- 13:00 Session 5: Security & Others (Chair: Fouque Pierre-Alain, University of Rennes 1)
- 13.00 Greetings
- 13.05 Introduction & key-note lecture: Martin Ukrop (Masaryk University)
  - Observing developers to make interactions with TLS certificates more usable
- 13.50 Introduction & short talk: Giulia Orrù (University of Cagliari)
  - Adaptive biometric systems and their application in the deep learning era
- 14.15 Introduction: Roberto Casula (University of Cagliari)
  - Fingerprint Spoofing and Fingerprint Liveness Detection Competition
- 14.20 Introduction: Simone Maurizio La Cava (University of Cagliari)
  3D facial reconstruction for biometric recognition
- 14.25 Matchmaking discussion
- 14.45 Final Remarks (Václav Matyáš, Masaryk University)





**The seminar gathered 25 participants.** Based on the abstracts of the participants, they were offered to have a key-note speech that was 45 minutes long, a short talk that was 25 minutes long or an introduction of their research that was 5 minutes long. Based on the topics, 4 sessions were formed as follows:

#### (In)secure Implementations

Do you work on novel methods or tools with the potential to discover implementation bugs, side channels or other issues? Are you working on tools assisting developers or relying parties to deliver safer code or verify vendor claims independently?

#### Al and Security

What AI approaches seem promising in improving security in computer systems' design, implementation or maintenance? Do you have interesting results examining security issues in/for AI?

#### Post-Quantum Security

What methods seem to provide security guarantees with the growing power of quantum computers? Do you have some improvements for cryptographic schemes of the future?

#### Any other cyber security and Al topic

Share with us any other cybersecurity research or research with clear potential impact on cybersecurity! Thinking out of the box highly encouraged!

The seminar covered a broad amount of topics described above. As the participants were from various universities and interested in various research fields, the presentation often offered interdisciplinary view on the discussed topic and enlightened the applicants of additional point of views. During the seminar, a few potential research collaborations emerged with the participants mentioning to connect later after the seminar to discuss these options in more detail. Participants were encouraged to interact afterwards as they received the Book of Abstract of other participants to get to know one another.

Based on a follow-up questionnaire, the participants were interested to meet in person during an onsite seminar, if the situation would enable it, to discuss cyber security and artificial intelligence in more in detail in person. They were introduced the EDUC project and options that EDUC offers and encouraged to network and collaborate together.



Image 2:
Frédéric
Renouard
(University of
Rennes 1),
cohost of the
seminar.





# 4. Seminar 1: European Union Studies







# **EDUC** research seminar

# **European Union Studies**

9-10 June 2022







#### **European Union Studies EDUC research seminar**

#### 9 June 2022

Plenary Session - opening Aula Lai

Introduction by Nicola Tedesco (Dean Faculty of Economics, Law and Political Science, University of Cagliari), Mohay Agoston Csanàd (Pecs University, co-organizer), Alessandra Carucci (EDUC Coordinator at the University of Cagliari), Francesco Mola (Rector, University of Cagliari)

Keynote speech by Prof. Vladislav Zubok, London School of Economic "Will Putin Fall? The Lessons of the Soviet Collapse"

Europe Direct Sardegna – Rossella Marocchi – Antonio Mura Christian Rossi (European History and Politics) Ugo Gragnolati (Challenges of European Economics) Mohay Agoston Csanàd (European Law)

#### First day program

#### Second day program

#### **European Union Studies EDUC research seminar**

#### 10 June 2022

Parallel breakout sessions in groups

**European History and Politics** 

V Session-Aula 9 Istituto Ciechi **Challenges to European Economics** 

General discussion over possible future research activities and projects

Results from the sessions and report for possible projects and ideas

- Rapporteur for European History and Politic
- Rapporteur for Challenges to European Economics

h.12.30-13.00 Aula Lai Final Remarks

#### **European Union Studies EDUC research seminar**

#### 9 June 2022

Parallel breakout sessions in groups

European History and Politics Chair: Roberto di Quirico-Christian Rossi

Brainwriting Ideas/brief research presentations
Participants: Piotr Dariusz Grabara (Unica) Christopher Eid (Rennes)
Bruno Luiz De Souza Ronchi (Rennes) Péter Szegedy (Pécs) Timea Varga (Pécs)

# II Session-Aula Salis European Law

Chair: Agoston Mohay-Paolo Vargiu
Brainwriting Ideas/ brief research presentations
Participants: Luca Pantaleo (Unica) Istvan Szijarto (Pécs) Mirabella
Nezdei (Pécs) Mariana Nogales Paez (Paris Nanterre) Felipe Tommazini De Souza (Unica)

Challenges to European Economics Chair: Ugo Gragnolati

Brainwriting Ideas/brief research presentations
Participants: Quentin Legouy (Paris Nanterre) Mourad Bencherraki
(Unica) Luca Serafini (Unica) Federico Atzori (Unica)

20.30 Dinner





# 4.1. Thematic session I: European History and Politics

During the panel on European History and Politics, participants talked about their research projects, two cases regarding Brexit, other two regarding Political Parties and a fifth case regarding security. They found common ground of discussion, with many overlaying topics, and different levels of advancement of their researches.

They underlined the importance of the research financing schemes, which in most cases require involvement of full professors to give the project the necessary credibility to receive financing from European funds.

They discussed the difficulties of identifying a financing channel for proper common research such as the Marie Curie fellowship and later possibly early-stage ERC, which are very competitive and would need a cross-University coordination of various departments from different Universities and different countries, which is why it would be more feasible to collaborate together on new publications.





1. In reference to **Brexit process**, they discussed about lessons learned from Brexit and its political and economic consequences and the division in society it has created, which brought them to the topic of the importance of planning and the necessity for greater education of citizens about the European Union.

In that prospect, the EU should learn from its past mistakes and become more present and available to people at the local level, to avoid similar situations in the future, for other members to leave the Union.

That is why it is crucial to provide for civic education for younger generations, starting earlier, like for example at the high school level, to close the gap between citizens and institutions.

2. On the topic of **Political Parties**, they talked about why people actually need them and what are the reasons why they join the parties

The impact of the Eurozone Crisis that has favoured the increase of Euroscepticism and led to increasing political populism and radicalism was discussed. Consequently, they discussed the impact of populism and fake news on history, the importance of communication methods and different types of Political Parties, like Radical Populist Parties, Cartel Parties and Movement Parties, that sustain anti-establishment policies.

**3**. In reference to the topic of **Security**, they talked about its meaning in all its connotations, like the military security, cyber security or energy security, which are all crucial as a base for an economic stability of any country. This led to the discussion on the **importance of the European Neighborhood Policy**, especially in the Mediterranean area, in particular the Lebanon case, for which possible collaboration between the EU and Lebanon were analysed.

#### 4. Possible research ideas:

- the study of Political Parties, focusing on comparison between Eastern and Western Europe;
- the use of content and discourse analysis and the study of wording used by the Political Parties (like an example of Brexit, before the referendum in 1975, compared to the wording used before the referendum in 2016). It would be interesting to research who writes those words and decides of what specific words mean for different stakeholders and how certain words are used in a strategic manner;
- the impact of the Eurozone crisis on the creation of new Political Parties;
- British Policy changes during the Brexit process and Eurozone crisis, with their links to British Imperial Policies;
- the study of the EU Mediterranean Policies;
- the study of bureaucracy and its impact;
- post-Brexit outcomes for Scotland, Northern Ireland and Gibraltar, and their possible independence from the United Kingdom;

It was also discussed what EDUC could do to help with the realization of those project ideas.

As first step it would be helpful to repeat EDUC seminar periodically in different countries to help make personal connections between students, researchers, and professors and to maintain the network of contacts between participants.





Ideally, to promote common research, the creation of a Multinational University would be important, which would connect several Universities from different countries to organize and coordinate international PhD programmes and future research projects.

As an EDUC initiative, it would be useful to make an impact on the existing PhD programmes and shape them in the way they would help to prepare PhD students to have the skills and "know-how" to benefit from the European fundings, and a solid base of publications, to provide necessary credibility, that would permit them to benefit from those fundings right after they get the PhD.

EDUC could also provide necessary instruments to support future collaborations, like for example providing information on the topics of research that could be funded by the EU in the future.

#### 4.2. Thematic session II: European Law

The European Law section had the following ideas for cooperation:

- research group on the Metaverse
  - multidisciplinary approach, various fields of law involved (data protection, criminal law, commercial law)
  - o analysis of legal regimes of various member states

#### transnational research on a health database involving migrants' health issues

- o researching best practices in various member states of the EU
- o conducting interviews in various member states of the EU

#### international commercial agreements

- o small scale cooperation
- o analysing the case law of courts of involved states

#### research group on trafficking in human beings

- analysing topical issues, such as the Ukranian conflict from various member states' point of view
- research on criminal cooperation in the EU
  - o analysis of case law and best practices.

# 4.3. Thematic session III: Challenges to European Economics

Three main areas:

- European ruralities
- Public administrations
- European policies.

Given the common ground the idea is to build a hypothetical joint project starting from:

- Analysis of the European funds in Mediterranean Islands (starting from Sardinia)
- Comparative approach between Italy, France, Spain.





What are the administrative difficulties and frictions in the elaboration and implementation phases of the LEADER programme?

- Publications / visit of Leader projects / public recommendations
- Exchange of good practice / networking / more Erasmus exchange program in EDUC Universities
- Integrate EDUC Universities in Local Action Groups.

#### 4.4. Feedback from participants

At the end of the Seminar held in Cagliari a feedback questionnaire was sent to all the participants.

The feedback has been quite positive, in terms of satisfaction, scientific contents, duration and time dedicated to discussion. A large majority indicates the willingness to cooperate with one or more partners belonging to the Universities on joint publications, PhD supervisions, workshop's organization or participation to a call for project proposals.

To the question "What kind of support would you expect from EDUC in order to facilitate cooperation with potential partners?", the majority answered: organising follow up meetings, finding ad hoc EU calls for proposals and animating the thematic sub-groups.

In the comment, participants generally appreciated the seminar in particular for the clearness of the objectives, the engagement and the organization of work for achieving the goals.



# 5. Seminar 2: Culture and Heritage

#### Leaflet of the Seminar





# h. 9.00 Introduction by Vice President, Scientific Committee and EDUC Team Objective: develop new research collaborations h. 9.30 Presentation of Labex 'Pasts in the Present' and ArTeC graduate school h. 10.15 Morning session 5-minute oral presentations (1 slide max. per person) Present yourself / your research and what kind of collaboration you are seeking within EDUC h. 13.00-14.00 Lunch h. 14.00 Participants form groups and aim to develop new project ideas h. 16.00-16.30 Coffee

Groups report back on emerging project collaborations; Synthesis and discussion led by scientific committee

First day program

Apéritif

# **EDUC Culture and Heritage**

Tuesday, 14 June 2022

h. 9.00 Coffee

h. 9.30

Presentation of collections at La Contemporaine

h. 11.00

Possibility to consult collections of La Contemporaine or to use the library, have meetings, etc.

h. 13.00-14.00

Lunch

Campus tour and Laboratory visits

Second day program









#### 6. Seminar 3: Centres and Peripheries in Romance Literatures

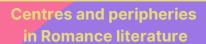
#### Leaflet of the Seminar







#### First day program



Monday, 4 July 2022

Opening session Conference room

Opening
Sonia Lehman Frisch, Vice President of International Relations
Camille Debras, Vice President Europe
Silvia Contarini, Director of the Doctoral School of Literature, Languages
and Performing Arts
Petr Kylousek, Jean-Marc Moura, Gonçalo Cordeiro, for the Scientific and
Organising Committee

h. 15.00 Introduction of speakers and participants

Conference of Jean-Marc Moura
Francophone literatures. Between postcolonial and global

Second day program

#### **Centres and peripheries** in Romance literature

Tuesday, 5 July 2022

Workshop World Literature: New Centres and New Peripheries in Globalized

Seminar room 2 Workshop *Migrations, mobilities, identities.* Coordination: Silvia Contarini, Benedetta Mannino, Silvie Špánková, Cecilia

Conference room

Concepts voyageurs. Définitions, théories, notions

Coordination Krisztián Bene

h. 16.00-17.30 Parallel workshops Travelling concepts: which uses?

Coordination Petr Kylousek, Roberto Puggioni et Cecilia Ridani

Conference room Coordination Jean-Marc Moura, OttmarEtte et Déborah Bucchi



# **Centres and peripheries** in Romance literature

Wednesday, 6 July 2022

Workshop Workshop Imperial Centres/Postcolonial Peripheries: The Postcolonial Question

Coordination : Jean-Marc Moura, Mauro Pala, Jeanne Meslin Seminar room 2

Workshop Plurilingualism, language relations and cultural hegemonies Coordination: Petr Kylousek, Antonella Ippolito, Domingo Antonio Lilón, Eva Batličková, Alexia Grolleau

Plenary Session Conference room

Concepts voyageurs. Définitions, théories, notions Coordination Krisztián Bene

#### Fourth day Program

#### **Centres and peripheries** in Romance literature

#### Thursday, 7 July 2022

French-language literature
with Krisztián Bene, Petr Kyloušek, Jean-Marc Moura, Antonella Ippolito and
French PhD students

Seminar room 2

Spanish-language literature

with Riccardo Badini, Domingo Antonio Lilón, Lina Iglesias and Spanish PhD

with Silvia Contarini, Ramona Onnis, Tünde Wallendums, Roberto Puggioni Benedetta Mannino, Mauro Pala and Italian PhD students

Conference room
Restitution of the workshops by the PhD students

Coordination Déborah Bucchi, Alexia Grolleau, Jeannne Meslin, Cecilia Ridani

Closing panel discussion moderated by Petr Kylousek with Silvia Contarini, Gonçalo Cordeiro, Ottmar Ette, Mauro Pala, Krisztián Bene and all the participants

h. 17.00 Cocktail

#### Third day program

# **Centres and peripheries** in Romance literature

Wednesday, 6 July 2022

Emerging aesthetics: critical approaches and literary productions

Conference room

Coordination: Jean-Marc Moura, Riccardo Badini, Silvie Špánková et Alexia

Coffee Break

Conference of Ottmar Ette «Todos nos hemos convertido en seres periféricos/ We have all become peripheral»: From world literature to excentric world literature





# 7. Seminar 4: Justice Inequality and Inclusion

# Justice, Inequality & Inclusion

**EDUC Research Networking Seminar** 

Venue : Université Paris Nanterre (Building Veil) September 29 &30, 2022

#### Thursday, September 29 (Building Veil, 1st floor, Rooms 141-142)

9:00-9:30	Welcome Coffee		
9:30-10:00	Welcome Address by Nanterre's Pres	ident & General Introduction	
	Workshop 1: Justice, Globalisation, Environment and Economy	Workshop 2 : Justice, Inequality and Space : the Concepts of Spatial Justice	
10 :15-11 :00	Session 1: The Duty of Vigilance: The Notion (part I)	Introduction: The concepts of Spatial Justice: LEHMAN-FRISCH Sonia (UPN) & open discussion	
11 :00-11 :15	Coffee break		
11 :15-13 :00	Session 1: The Notion (part II)	Panel 1 : Colonial/postcolonial justice : LANDY Frédéric (UPN), BLANCHON David (UPN), ERVAS Francesca (UNICA), MURGIA Andrea (UNICA)	
13:00-14:30	Lunch		
14 :30-16 :30	Session 2: The Method (part I)	Panel 2: Public/private spaces of justice: GRUEV-VINTILA Andrea (UPN), BETHOME- LELAURE (UR1), KIS Kata (PTE), TOLEDO Francesca (UPN)	
16:30-16:45	Coffee break		
16:45-18:00	Session 2: The Method (part II)	Panel 3: Right to the city: BLECIC Ivan (UNICA), CHIDIAC Christelle (UPN), MATE Eva (PTE), MEMOLI Maurizio (UNICA)	
19:30-22:30	Joint Dinner		





#### Friday 30 September (Building Veil, 1st floor, Rooms 141-142)

09:30-11:00	Session 3: The Actors	Panel 4: Scales of justice & digitalization: VISIER Claire & TURGIS Sandrine (UR1), BOUTOILLE Danielle-Jose (UR1), DISOSI Szabolcs (PTE), SAKR Farah (UR1)
11:15-15:00	Guided tour of the City o & Lunch	f Nanterre by its Director of Planning, Mr. Manuel Moussy
15:00-17:30	Joint Session (Building Veil, 3rd floor, Room 352):  - Restitution of Workshops 1 & 2  - Presentation of journals: Justice Spatiale/Spatial Justice, Amplitude du droit  - Perspectives of the Justice, Inequality & Inclusion Seminar	
17:30-18:00	Closing cocktail	









Participants to the Seminar





# 8. Task 9.3 indicators' achievement

In the Deliverable 9.1, a series of indicators had been identified by the Alliance in order to monitor and evaluate the activities implemented under task 9.3 of WP9. Table 3 reports the indicators per sub-task and the achievement level.

Table 3: Indicators Sub-Task 9.3.1 Identification of research topics

Sub-task 9.3.1	% of achievement	Means of verification
n. 5 topics chosen	100%	D9.1
n. 2 additional topics (FR GOV) chosen	100%	D9.1
n. 5 agreements for PhDs with double/multiple/joint degree (with the involvement of at least two EDUC Partners);	80%	4 joint (co-tutelle) Agreements for PhDs have been signed: 2 Cagliari-Nanterre 1 Cagliari-Pécs 1 Nanterre-Potsdam
n. 12 Master thesis/PhDs cooperation/co-supervision	58%	7 Master thesis/PhDs cooperation/co-supervision: 3 Rennes 1-Masaryk 1 Potsdam-Cagliari 2 Cagliari-Rennes 1 1 Cagliari-Paris Nanterre
n. 10 new jointly submitted publications (with the involvement of at least two EDUC Partners)	100%	See graphics below showing the clear increase in the number of joint publications taking into account figures before and after EDUC
n. 10 of jointly submitted research projects (with the involvement of at least two EDUC Partners)	50%	5* joint projects have been submitted (see table 4.1 with details) of which 3 involving the whole Alliance and 2 involving two EDUC partners.  *in addition, thanks to the connections strengthened within the Alliance in the last 3 years, other 4 projects will be submitted in 2023 (see table 4.2 with details) also including the two new Partners (University Jaume I and University of South Norway)
n. 1 framework agreement for joint PhDs signed among all EDUC partners	80%	The framework agreement has been drafted during the first year of implementation but then several changes have been proposed and currently the Alliance decided to submit it also to the attention of the two new Partners so that





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Table 4: Jointly submitted research projects

Universities involved	Programme	Project ACRONIM
Cagliari, Nanterre, Pécs,	Horizon 2020	EDUCSHARE
Masaryk, Potsdam, Rennes		
Cagliari, Nanterre, Pécs,	Erasmus+	EDUC+M*
Masaryk, Potsdam, Rennes		
Cagliari, Nanterre, Pécs,	Erasmus+	EDUCARDS*
Masaryk, Potsdam, Rennes		
Masaryk, Cagliari	HORIZON-CL3-2021-CS-01	SIMARGL
	HORIZON-CL3-2022-CS-01	SIMARGL++
Pécs, Masaryk	HORIZON-CL2-2021-	LEAP
-	TRANSFORMATION-01-04	
	Total	5

<sup>\*</sup> Cooperation projects involving the Alliance Partners, even if not strictly research projects.

Table 5: Jointly research projects that will be submitted in 2023

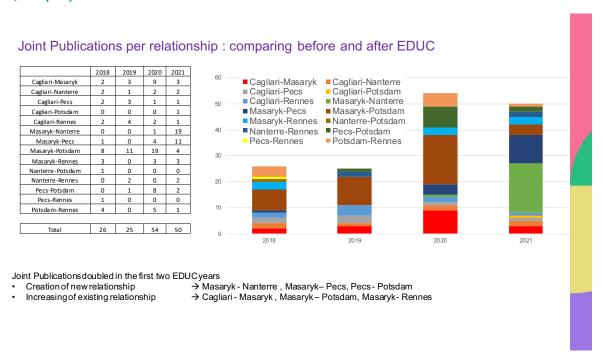
Universities involved	Brief description	Funding program
University of Potsdam + other	Creation of a collection of	Erasmus Cooperation
EDUC partners that will be	podcasts professionally produced	Partnerships
identified during 2023	by three EDUC partners starting	
	from the lesson learned by the	
	University of Potsdam that	
	carried out a similar idea in the	
	past year. The main idea is to	
	produce podcasts oriented to	
	scientific topics and activities,	
	demonstrating that Science is	
	also interesting from an	
	application perspective	
	transferring to the interested	
	public the idea that Science is not	
	just about writing papers and	
	attending conferences but also	
	leads to results that are useful in	
	society. From the podcasts,	
	example after example, a mosaic	
	will be created, which then	
	clarifies what function knowledge	
	and technology transfer have for	
	Science and Society.	
University of Cagliari, University	Among the other goals, the	European Excellence Initiative
Paris Nanterre, University of	project aims to raise excellence	(EEI)
Pecs, Masaryk University,	in science and in value creation	
University of Potsdam,	through integrated and	
University of Rennes, University	inclusive cooperation of higher	
of South-Eastern Norway,	education institutions, such as	
Jaume I University	European Universities	

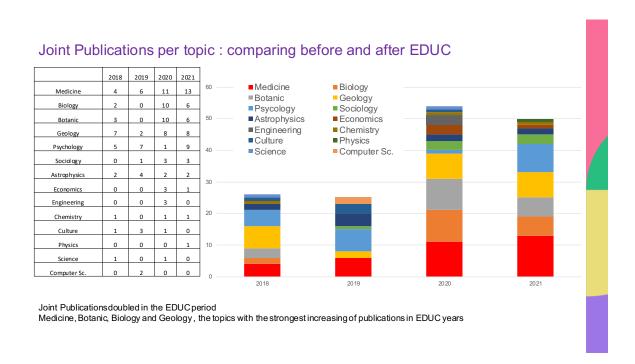


	alliances with a particular focus on widening countries improving global competitiveness and visibility of Europe's universities, notably in key areas such as the green transition and Horizon Europe mission areas.	
University of Pecs + other EDUC partners that will be identified during 2023	The aim of the project is the enhancement of SurgAI* from its current state. The idea is to replace the personal, instructor-led evaluation and feedback with a much faster, almost immediate, simpler, more efficient AI-based solution. SurgAI will make a major contribution to the promotion of hybrid education and high quality and inclusive digital education, in line with the EU Education Action Plan 2021-2027 and the objectives of the University of Pécs, Hungary (UP) as an Entrepreneurial University.  *SurgAI is a software framework based on artificial intelligence (AI) solutions designed to support medical students, trainers and mentors in the education and practice of basic surgical skills such as suturing or FLS (Fundamentals of Laparoscopic Surgery), providing standardized, automatized and reliable assessment.	Erasmus Cooperation Partnerships
University of Pecs + other EDUC partners that will be identified during 2023	The initiative will create a framework to facilitate the coordination, monitoring and evaluation of Citizen Science actors and programmes while looking for synergies among members, focusing on the roles of different stakeholders, including local coalitions of research, public authorities, businesses and civil society. Citizen Science communication, dialogue and training opportunities should aim at achieving broad dissemination thus promoting and supporting the idea of Open Science through the recommendation of platforms and networks for learning, cooperation and collaboration.	Erasmus Cooperation Partnerships



Figures 1-2: Joint publications among EDUC Partners per relationship and per topic (sources: WoS, Scopus)







#### Table 6: Indicators Sub-Task 9.3.2 Organisation of Seminars

Sub-task 9.3.2	% of achievement	Means of verification
n. 5 two day seminars +	100%	D9.4 v.1 + D9.4 v.2
n. 2 two day seminars		7 one-day online Seminars have been realized during the COVID period + additional 4 Seminars lasting from 2 to 4 days have been realized after the pandemic period. Therefore, 11 Seminars have been realized instead of the initial 7 scheduled
n. min. 50 participants per seminar for the 5 EDUC ones	100%	D9.4 v.1 + D9.4 v.2  If we take into consideration the
n. min. 24 participants per seminar for each of the two additional ones	100%	total number of participants to the 11 seminars, through them EDUC was able to move and create contacts among 396 researchers out of the 294 initially planned

#### Table 7: Indicators Sub-Task 9.3.3 Students' mobility for traineeship at the EDUC laboratories

Sub-task 9.3.3	% of achievement	Means of verification
n. min. 72 students (bachelors + master students) complete the 3 or2 month-research traineeship experience	12	D9.2





# 8.1. Cooperations generated by activities of other WPs

In addition to the cooperations foreseen since the project drafting and also during the first implementation phase, Partners put in place a series of cooperation initiatives deriving from contacts generated in activities developed in other Tasks of WP9 or other WorkPackages. Table 7 is a recap of the additional cooperation initiatives realized within the Alliance.

Table 8: Cooperations generated by activities of other tasks of WP9 or other WPs

WP and activity generating the cooperation	EDUC Universities involved	Type of cooperation	Brief description of cooperation and future plans
WP5 - Virtual mobility and virtual exchange projects	Cagliari, Nanterre, Masaryk, Pécs	On-line event: 3 <sup>rd</sup> edition of International Scientific School on Novel Psychoactive Substances (22-24 February 2022)	
WP5 - Virtual mobility and virtual exchange projects	Potsdam, Cagliari	Think Tank "Scriptio Continua – Antike und Gegenwart": mobility to Cagliari of teacher and students participating to the initiative organized by Potsdam (14-20 March 2022)	
WP5 - Virtual mobility and virtual exchange projects	Rennes 1 (Host) – Cagliari (Hosted)	Secondment of the Pedagogical Engineer	Exchange of teaching methodologies and good practices
WP9 - Virtual Journal Clubs	Pécs (leading partner), Cagliari, Nanterre, Masaryk, Potsdam, Rennes 1	Creation of a Research network on African Studies involving at least one teacher per Partner.	
WP9 – Critical thinking	Cagliari, Rennes 1	Physical meeting in Cagliari between researchers on Medicine, Pharmacy and Bio- engineering (2-4 November 2022)	
WP9 - Virtual Journal Clubs	Paris Nanterre (leading partner), Masaryk (co- leading), Pécs, Rennes 1	Continuation of the networking Seminar "Roman Literature" and strengthening of scientific interests (open to Master and PhD students from different EDUC universities)	4 working sessions in 4 different languages





## 8.2. Individual or small groups Mobilities to favour cooperations

Noteworthy that in the month of October 2022, in order to strengthen existing cooperations among EDUC researchers but also to favour the development of new ones, the University of Cagliari, thanks to the cofinancing received by the Italian Ministry of Universities and Research, published a call addressed to teachers, researchers, PhDs and Residents to offer them the opportunity of a brief mobility to personally meet a colleague or a group of colleagues in one of the EDUC Universities to proceed with the already active cooperation or to discuss on new cooperation opportunities such as: submitting joint research projects or publications, co-supervising Master/PhD Thesis etc....

Since the deadline to carry out the mobility was mid December 2022, the applications received were not a huge number, however, as it is shown in the table below, the opportunity is to be considered successful in terms of concrete results.

Table 9: Research topics and sub-topics of individual or small groups mobilities

Sending University	Receiving University	Position of the mobility's beneficiary	Research Area	Sub-Topic	Brief report on cooperation
Cagliari	Masaryk	PhD student	Life-Long Health and Well being	Parkinson's Disease	Discuss and plan a future research project aimed to investigate molecular mechanisms underlying the degeneration of dopaminergic neurons in Parkinson's disease.
Cagliari	Paris Nanterre	Professor	European Studies	Environmental sustainability	Discuss potential Research Projects on different aspects (from sea level rise to enology) in the field of environmental sustainability in the countries involved in the meetings and plan a seminar to present the projects.
Cagliari	Masaryk	Professor	Justice inequality and inclusion	EMI for inclusion	Discuss about the possibility to prepare a joint publication and about the possibility to include Italian language and students in a Multilingualism blended course planned by the



					Language centre of Masaryk
Cagliari	Potsdam	Researcher	Climate and Resources	Fostering sustainable changes through the integration of the ecosystem service concept in landscape management and planning	Explore opportunities for potential collaborations about common research interests upon the topic of ecosystem services and the associated concept of nature-based approaches as tools to support climate change adaptation.
Cagliari	Paris Nanterre	Professor	European Union Studies & Sustainable Changes	Environmental Sustainability	Discuss potential project researches in different aspects (from sea level rise to enology) in the field of environment sustainability in the countries involved in the meetings and plan a seminar to present the projects.
Cagliari	Paris Nanterre	Professor	Culture and Heritage & Mobility Smart Cities	Students and teachers cultural exchanges-	Plan future research projects between universities, based on common analysis on cultural aspects and mobility coordination of students and teachers
Cagliari	Pécs	PhDs	Lifelong, Health and Wellbeing, Justice, Inequality, and Inclusion	Special Education Needs-	Discussion of further research cooperation in inclusion, disability and ageing. Introduction to the Support service of the university and meetings with professors and staff members, and, experts.
Cagliari	Pécs	PhDs	Lifelong, Health and Wellbeing, Justice, Inequality, and Inclusion	Special Education Needs	Discussion of further research cooperation in inclusion, disability and ageing. Introduction to the Support service of the university and



					meetings with
					professors staff members and
					experts.
Cagliari	Paris Nanterre	PhDs	Lifelong, Health and Wellbeing	fMRI technique.	Visit of the facilities and familiarise with techniques; discuss future collaboration and a training period.
Cagliari	Masaryk	Researcher-	Culture and heritage, Justice, Inequality, and Inclusion	Educational strategies and learning disabilities-	Discuss of research topics involving innovative digital educational strategies in relation to learning disabilities and plurilingualism as approach to develop online language courses.
Paris Nanterre	Potsdam	Professor	Teaching and learning to interact in a foreign language	Teaching language	Presentation to the academic community of the work carried out within the Treaty of Elysée
Paris Nanterre	Cagliari	Professor	Geography	Water management, Environment	Deepen the partnership with colleagues (in charge of the organisation of the seminar Justice, Inequalities & Inclusion), exchange on the direction of the masters and study the possibilities of research partnerships
Paris Nanterre	Masaryk	Professor	German, Private law	Teaching language	Continuation of an Online EDUC Course, On-site seminar
Paris Nanterre	Cagliari	Professor	Information and Communication sciences	Public diplomacy, soft power, storytelling and communication engagement strategies in international communication processes	Strengthening relationships between professors involved in the EDUC Summer School that took place in Potsdam in 2022; considering



					possible research partnerships.
Paris Nanterre	Potsdam	Professor (First Professor)	English language	Teaching language, didactics	Compare and consider teacher training in Europe to ensure some cooperations (in training) and research
Paris Nanterre	Potsdam	Professor (Second Professor)	English language	Teaching language, didactics	Compare and consider teacher training in Europe to ensure some cooperations (in training) and research