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FOR **EUROPA**

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INFINITY

INTERNATIONAL FELLOWSHIP IN TRANSDISCIPLINARITY



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I INFINITY

INTRODUCTION

Brief Description

The **INFINITY Project stands for International Fellowship IN transdisciplinarITY**– it aims at achieving the objectives set by of the Erasmus Mundus Program for mobility, and also to combine these objectives with a transdisciplinary approach and the principles of Sustainable Development. It intends to be an investment in diverse, modernized and interconnected higher education/research that will provide future leaders with better skills and competences to respond to the needs of today’s unsustainable world.

In addition, the main theme of the INFINITY project is about “Urban Agriculture”. Therefore, INFINITY is about sustainability, and aims to strengthen a viable partnership of EU and all of the lot 5 countries - aligning the Lisbon Strategy with the EM programme’s objectives. INFINITY is set in a transdisciplinary framework in the following thematic fields:

- 01 Agriculture Sciences
- 02 Architecture/Urban Planning
- 04 Business Studies/Management Science
- 06 Engineering/Technology
- 07 Geography/Geology
- 13 Natural Sciences
- 14 Social Sciences

INFINITY has a good geographical coverage; it includes Higher Education Institutions (HEIs) of the European Union, the Czech Republic, Estonia, Portugal, Slovenia, and all lot 5 countries – that is Armenia, Azerbaijan, Belarus, Georgia, Moldova, Ukraine.

In the partnership 9 HEIs have had Erasmus Mundus experience and 11 HEIs did not have any experience with the ERASMUS MUNDUS Programme. Expected impact:

- Start the assimilation of the EU’s Higher Education System into the lot 5 countries by increasing these countries’ awareness toward the advantages of being part of the wider continental European educational system.
- Offer an equal opportunity for students/staff - through systematic mobility - to enrich their knowledge, skills, and to carry the concept of urban sustainability to their own countries.
- Encourage the promotion of common values in terms of respect for gender equity, human rights, fundamental freedoms, peace, democracy, good governance, the rule of law, solidarity.



- Share research resources as to attain educational standards/management capacities between the EU’s partners’ and their Third countries’ partners.
- Raise the employability at the Third Countries to contribute in the undergoing diversification process of their labor market.
- Develop international programs for future strategic collaboration in terms of research and business.
- Strive to reach the objectives set by the United Nations, the EU and the EM such as smart growth, environmental protection and sustainable development for the countries covered by the INFINITY partnership

Indeed, the objective of the INFINITY Project is to promote a trans-European exchange of knowledge, experience and management in Higher Education Institutions for the establishment of cooperation ties of HEIs between the European Union and Third counties (lot5).

The **INFINITY** partnership is composed by the following institutions:

Portugal:

- P1 - University of Lisbon/Faculty of Architecture - **Coordinator**
- P5 - Polytechnic Institute of Leiria;

Czech Republic:

- P3 - Technical University of Ostrava;

Estonia:

- P4 - Estonian University of Life Science;

Slovenia:

- P6 - University of Nova Gorica;

Armenia:

- P7 - Gyumri State Pedagogical Institute after M. Nalbandyan;
- P8 - Yerevan State University of Architecture and Construction;

Azerbaijan:

- P9 - Azerbaijan State Agricultural University;
- P10 - Mingachevir Polytechnic Institute;

Belarus:

- P11 - Belarusian-Russian University;
- P12 - Belarusian State Technological University;

Georgia:

- P13 - Agriculture University of Georgia;
- P14 - Georgian Technical University;

Moldova:

- P15 - State Agrarian University of Moldova;
- P16 - Technical University of Moldova;

Ukraine:

- P2 - Donbas National Academy of Civil Engineering and Architecture - **Joint Coordinator**.
- P17 - Donetsk National Technical University;
- P18 - Kharkiv National Academy of Municipal Economy;
- P19 - Kharkiv National University of Civil Engineering and Architecture;
- P20 - Lviv Polytechnic National University, Architectural Department.

The involvement of these universities in these strategic and actual scientific areas will contribute to achieving practical results in terms of a healthier environment, a better quality of life, and also to the achievement of sustainable development of the countries covered by the **INFINITY Partnership**.

In order to offset the constraints and to improve the Higher Education System of the Third Countries (Lot 5), the **INFINITY** Project seeks to follow the concept of mutual enrichment of societies through education/research/development, and intends to do this by directly focusing on:

- The harmonization of the differences in Higher Technical education between these 6 former Soviet Republics (which tend to concentrate more theoretical matters) and the European Union Countries (which focus rather on practical matters);
- The alignment and merger of Higher Education Institutions curricula of the Universities of lot 5 countries with the Bologna structure;
- The development and introduction of new educational standards (curricula reform) with a view to improving the quality of the content of education and in order to facilitate employability of graduates;
- The exposure to established democratic principles in the governance of higher education institutions to a larger extent.
- Offering an equal opportunity for students and staff - through systematic mobility - to enrich their knowledge, skills, and to divulge the concept of sustainability to their own countries;
- Encouraging the promotion common cultural values such as the respect for gender equity, human rights, fundamental freedoms, democracy, and good governance.
- The recognition of the degrees conferred by higher education institutions of the Third Countries and countries involved in the Bologna process.
- Overcoming the lack of innovative principles and approaches in higher education by improving the INFINITY Partners’ technical base;
- Sharing research resources, educational standards and management capacities between the European Partners’ and their Non-EU partners

The Theme

In the origin of INFINITY Project is the theme of research of the PhD thesis that was presented by Antonio Castelbranco in 2009 at the Faculdade de Arquitectura of the University of Lisbon, from which the Abstract below was extracted.

Abstract

A CONTRIBUTION TOWARDS THE THEORY OF SUSTAINABLE OF ARCHITECTURE, AND TERRITORIAL PLANNING.

Proposal for a methodology applied to the study of the territory of the Drainage Basin to the North of Abrantes.

Doctorate in: Urban Planning

Advisor: Phil B. Hawes, PhD

Co-Advisor: Professor João M. R. de Brito Guterres, PhD

The Question:

What is the meaning of sustainability in the sense of the role that architects and planners ought to play to a world that is striving to become more sustainable, or how can we (as designers) contribute to achieve sustainability?

The Theme:

This dissertation aims at contributing to the building of an **intellectual framework** based on holistic principles. Specifically, it is believed that this **framework** will provide the basis for the development of a methodology that promotes sustainability - in terms of territorial and urban planning as well as in architecture. To this purpose, the overall areas of the counties of Abrantes and Sardoal under study were divided into Drainage Basins, and the Drainage Basin North of Abrantes was selected as a case study for the application of some of the concepts that were deemed (considered) most relevant.

The Problem:

In this dissertation, it is assumed that one of the problems which our Global Society faces today is that of fragmentation. Indeed, fragmentation is a serious problem in modern society, and can be found in a vast majority of modern-day activities. In fact, there is fragmentation from the point of view of the land, from a social perspective, and there is also fragmentation of scientific method and knowledge.

It is our opinion that this fragmentation is the result of the manner in which our Global Society sees and acts upon the Biosphere.

It is supposed that the cause for this fragmentation is based on the paradigm of reductionism and compartmentalization. In turn, these paradigms are based on an intellectual framework that dates back to the Age of Enlightenment.

This fragmentation is also visible in our educational system which is divided into dozens of areas and different subjects, each with its subcategories, and whose practitioners do not usually communicate efficiently amongst themselves.

This fragmentation is also felt in the legal and administrative systems where there are overlapping and hierarchical disorders, both in the content of the regional plans and their corresponding rules and regulations; not to mention the artificial administrative partition of the territory along ecologically irrational lines.

There is also fragmentation in the control systems, whereby violations or actions that do not abide to the urban plans, rules and conditions, go unpunished, not to mention the political pressures that so often overrule the issues of territory or the environment. In any case, for the last few hundred years, the intellectual framework underlying reductionism (and the effects of fragmentation) has clearly been responsible for advances in solving many mechanistic problems. However, since the end of the 2nd World War the speed and complexity with which human endeavor has progressed (in terms of social and scientific evolution, information, transportation and communications improvements, etc.), has placed excessive anthropogenic pressures on the Biosphere. These pressures are felt at all levels and on all ecosystems of the Biosphere. The ensuing state of affairs confirms the need to establish the architecture for a new **intellectual framework**.

The Hypothesis:

Assuming then that there is the need to develop a new intellectual framework, it is then necessary to adopt an indicator that will serve as a tool for analysis, accounting and commerce.

This tool/indicator is - as we will attempt to demonstrate throughout this dissertation - Carbon Dioxide (CO₂). The effects and consequences of the emissions of greenhouse gases (GHG) and CO₂ in particular, have become in a short time, universally accepted and understood to convey the meaning and severity of anthropogenic pressures on the Biosphere. It is thus proposed that this indicator could provide a basis for developing a paradigm of sustainable development applicable to the territorial planning and architecture.

In addition, it is also proposed that architects and planners have a duty, and a responsibility to expand their competence and their ability in understanding what sustainability really means, and to collaborate in contributing to a new holistic intellectual framework of sustainable design, both for individual buildings, and for urban planning - in symbiotic relationship with their drainage basins. Nevertheless, for this effort to be successful, a knowledge of international agreements and protocols (which are the basis of national legislation to reduce GHG emissions) and a notion of the methods of accounting for CO₂ is needed. Accordingly, this dissertation aims to contribute to the development of this intellectual framework that will make a contribution to the theory of sustainable architecture and territorial planning.

Key words: Abrantes, sustainable planning, intellectual framework, holism, Biosphere 2, drainage basin, accounting for CO₂.

Indeed, during the phase of the preparation of the proposal – which was presented to the Education, Audiovisual and Culture Executive Agency (EACEA) from the European Commission – whole paragraphs of this thesis were extracted.

In any case, it is also relevant to present the observations/criticism that was written by Professor Architect Phil B. Hawes – the main advisor during the preparation and presentation of the mentioned thesis – in the above text, he mentions key aspects that were the differentiating factor for the selection by the jury of EACEA.



ANTONIO CASTELBRANCO PhD Thesis

4 December, 2009

Faculdade de Arquitectura Universidade Técnica
de Lisboa

Ladies and gentlemen of the Jury, colleagues, and honored guests:

1) Good afternoon!

My name is Phil Hawes. I’m an architect and urban planner, and I’m Antonio Castelbranco’s Thesis Advisor. I sincerely appreciate this opportunity to participate on his PhD proceedings, and to provide input supporting his Thesis. You’ve generously agreed to use English, and I today, and I want to reciprocate in a small way, by giving you a copy of my comments.

2) First, I confess that a huge part of my interest I have in Antonio’s Thesis, is my desire to discover techniques and models to actually apply to architectural and urban planning projects, that contribute to environmental and human Sustainability. For many years I’ve worked at integrating the best concepts I can find into real-life projects.

3) Before eight years working on the Biosphere 2 Project, I was privileged to spend thirteen years with a group of scientists, engineers, artists, and adventurers on projects of architectural and planning design, that always included the construction. The principle always followed was Sustainability.

4) When advising on his thesis, I of course brought with me my own prejudice, which is to always approach theories with the idea of finding potential uses in real life.

5) As I understanding of my role today it is:

- to defend the Thesis in its unique contribution,
- to comment on the validity of its ideas, and
- to help show the Thesis objective was reached.

This is a great pleasure, and I believe I will show both the value of the Thesis, and its importance for resolving difficult issues of Sustainability in Architecture and Urban Planning.

6) Antonio pointed out that the first question facing any community is its sustainability. Can it continue as a healthy, happy, and productive urban area into the indefinite future?

7) Next, Antonio looked for a key to show what brought humanity to our current position of worldwide non-sustainability, and

he found that one outstanding cause is that, we have been relying too heavily on Scientific Reductionism to solve our problems, and it appears that this form of analysis has caused much of the fragmentation we are now experiencing.

8) This fragmentation has kept us from advancing in solving the very complex problems we face. Only in the last 70 years have we recognized that certain problems are more complex than ordinary scientific method can explore adequately, and some issues require the new tools, now being referred as “Holisitc”, or “Integrated Science”.

9) The word, “Holism” was created in 1926 by Jan Smuts, in his book, “Holism and Evolution”. Holism is “*the tendency in nature to form wholes that are greater than the sum of the parts, through creative evolution.*” Holism is also described as, “*Small units must develop into bigger wholes, and they in their turn must grow into larger and ever-larger structures without ceasing, and this path brings. advancement*”.

10) Holism basically recognizes the Complexity of the universe, the Earth, and of living systems, evolves new methods for understanding, it does not eliminate Scientific Reductionism, which served us for 400 years, and Reductionist is seen as absolutely necessary for examining the world. But, ordinary Scientific analysis cannot adequately address issues of Complexity.

11) Complex Systems, are extremely interesting, and we can use them in many practical ways, without having an understanding of how they function. This may be one of the reasons why they have been ignored until recently, when they started causing enough troubles that they could no longer be denied.

12) I initially found myself very confused by the multitude of threads Antonio was weaving into his Thesis. Then, it became clear that he was attempting the difficult task of integrating seemingly diverse themes into a Holistically related totality, which, through creative evolution could possibly grow into a whole system, greater than the sum of its parts.

13) Antonio is combining small architectural and planning pieces, and each solves a small problem, but when they are joined together, they become a Sustainable community; a life support system.

14) And how is this transformation achieved? Here are Examples of the Process:

First, The Biosphere 2 Project was assembled from Simple and Complex components, and all the parts acted itogether, and became a Sustainable life-support system, or a Holistic complexity, and the whole was greater than just the sum of its parts.

#1) Take a Simple Idea, such as, “We will maintain a tropical temperature and humidity inside our Biosphere” Then add some physical components, such as pumps, valves, and pipes.

#2) Then add some Complex Systems, such as an artificial ocean with 1,200 living species of plants and animals.

Repeat this process as many times as you think is necessary, and you will produce Biosphere 3.

15) To produce an urban community with a higher level of Sustainability, and using Antonio's Thesis as a guide, we also assemble Simple and Complex components where all the parts will act together and become a Sustainable life-support system, again a Holistic complexity, and the whole will be greater than just the sum of its parts.

#1) Take a Simple Idea, such as, "We will only use renewable methods for our community energy" Then add some physical components, such as wind generators and photovoltaic solar panels.

#2) Then add some Complex Systems, such as a voter-approved re-structuring of the local administration to be based on Drainage Basins. Repeat this process as many times as you think is necessary, and you will produce an urban community with a higher level of Sustainability, by using Antonio's Thesis as your guide.

16) In both Examples, combining the Simple and Complex Systems, will probably result in a higher order of complexity, and a greater functional capability.

17) I concluded that this Thesis is not simply a paper focused on each of the separate themes discussed, but is a integrated Holistic model, capable of being used practically to further Sustainability in Architecture and Urban Planning.

18) I believe he has effectively combined synergistically and Sustainable the following:

- The historical causes of fragmentation.
- Possibilities for dealing with complex environmental issues, using Holism, and its related concepts like: Systems Science, Emerging Properties, Synergetics, Ecosystems, etc.
- Integrated Science, used as an emerging companion of traditional Scientific Reductionism.
- A presentation of renewable energy tools to help escape the prison of CO₂.
- Showing complex systems used as solutions to complex problems.
- To expose obsolete legal regulations, and promote laws that reinforce sustainable design.
- Drawing together renewable energy systems.
- Embracing CO₂ as tool for the architect and urban planner, when used as an indicator, and an emissions-absorptions balancer.
- Promoting Drainage Basins as rational, manageable units of administration for water and other critical environmental issues.
- Showing the possibilities of CO₂ as a trading currency, and community financing tool.

19) Antonio's Thesis and its process is personally inspiring for me, and his approach will also be an inspiration to other designers who are open to advanced concepts.

20) Listed are practical applications of some Complex System that I have used in projects:

- a. Soil-Bed Reactors - for air and water purification.

- b. Bioremediation Wetlands - to purify sewage and other wastes, and to recycle nutrients to agriculture.
- c. Plant-Assemblies, with their resident bacteria - used for air purification.
- d. Structural Space-Frames - to distributing live and dead loads
- e. Algal Scrubbers - as salt and freshwater nutrient-extractors & concentrator.
- f. Environmental Cleanup System (ECS) - to eliminate pesticides, fungicides, and herbicides, and using biologic indicators as monitors.
- g. CO₂ Scrubbers - to sequester atmospheric CO₂ in CaCO₃.
- h. Integrated Pest Management (IPM) - using insect as predators and supplying them with ecosystems for support them through their life-cycles.

20) Antonio shows Drainage Basins to be the best choice for study areas. After choosing a Drainage Basin, it must be reviewed with respect to human activities that are common to most urban areas, such as:

- a. Fragmentation of: laws, utilities, transportation, land-patterns, social services, zoning, utilities, etc.
- b. Solar orientation data, to assist in designing buildings and urban areas for greater Sustainability
- c. Legal regulations, existing or desired, that affect Sustainable technology use, and relate to: water, sewage, renewable energy, materials and methods of construction, food production, transportation, urban planning, health, community finance, etc.

21) Antonio declares that developing Sustainable communities requires an indicator, and tool for Analysis, Accounting and Commerce. Such an objective measurement of value is needed if we wish to have a Sustainable Carbon based Currency, which is a currency we can use to purchase better health for the planet.

22) We can be sure that making CO₂ a trading commodity, will encourage people, and communities to reduce CO₂ for gain, personal, or for the community. This situation may change, but for now we can progress to:

- a. methods of measuring and calculating CO₂ emissions and sinks;
- b. investigating reduction and sequestering technologies;
- c. studying promising local materials, and construction methods, for urban design that reduces energy use and CO₂ output;
- d. researching community financing and possibilities for generating local Carbon Credits, to sell on world markets, or locally by means of credit clearing systems within the Drainage Basin. (See Thomas Greco - books on the developing such currencies);
- e. developing databases to guide reductions in CO₂ emissions;
- f. using renewable energy sources and storage systems;
- g. developing carbon-zero & carbon-negative goals, & eco-footprint.

23) There are many people working on solutions for environmental degradation, and no one knows all the answers.

25) Below are recommendations for goals I have generated using Antonio's Thesis:

- a. design pedestrian oriented communities;



- b. promote high population densities for lower development costs & CO₂ output (since population density is apparently inversely related to CO₂ production);
- c. design compact mixed-use urban plans;
- d. condensed urban plans provide easy access to natural environments;
- e. local food production reduces CO₂ from transportation;
- f. water resources, carefully allocated, protected, recycled, and recharged;
- h. purify community biological wastes and return them to agriculture;
- i. develop local renewable energy sources;
- j. use local building materials when possible;
- k. work to determine local shared sustainable values & goals;
- l. eliminate as much as possible fossil-fuel derived energy;
- m. use micro-climates and solar orientation in architecture and planning;
- n. promote transportation policies to reduce car use;
- o. use holistic methodology for community Sustainability decisions;
- p. do materials life-cycle analysis to measure and relate CO₂ goals;
- q. protect, restore, and maintain natural ecosystems;
- r. require pure air, water, food, and soil for the community;
- s. eliminate all pollution in excess of the natural systems' capacity to purify;
- t. explore and apply various methods of reducing and sequestering CO₂;
- u. promote Carbon Credits as a means of community financing;
- v. select and implement non-CO₂-producing energy sources & storage;
- w. calculate the community's ecological footprint, and establish goals for carbon neutral and carbon negative conditions.

26) Thank you again for this opportunity, and I welcome any comments you may have concerning my comments. require the new tools, now being referred as “Holisitc”, or “Integrated Science”.

From Professor Phil Hawes' observations/criticism; perhaps, one of the most important is the need to overcome the reductionist view of our world and to adopt a more holistic attitude not just in terms of our relation with the biosphere, not just in terms of way we do science, but also in terms of the way we relate with each other at all levels be it at the global scale, at the international scale, at national or even at the regional scale. Indeed, one of the main objectives of the proposal of the TEMPO Project is to overcome fragmentation.

Writing & Preparing the Application/Proposal

As mentioned, the basis of the theme for the proposal is the result of the mentioned PhD thesis. But, in order for the idea to be implemented, an opportunity was necessary.

And in 2012, Professor Oksana Turchanina dedicated herself voluntarily to the preparation of the Application to the EACEA. It was a laborious work as it was the first time that we attempted to submit a proposal to the Education, Audiovisual and Culture Executive Agency (EACEA) in Brussels. This Agency is also responsible for the implementation of Higher Education strategy defined by the European Commission.

In any case, at the start of the process there were no previous connections within the partnership (other than the Faculdade de Arquitectura and Donetsk National Technical University), Prof. Turchanina found and established contacts with all the partners, which was an essential keystone in the construction of the TEMPO Project proposal. The proposal was sent to Brussels in April 2102.

General introduction, the shared objectives of the TEMPO & INFINITY projects

The **United Nations Decade** (2005-2014) of ***Education for Sustainable Development*** (ESD) seeks to integrate the principles, values and practices of sustainable development into all aspects of education and learning: investing in ESD education is strategic for the future, and in some cases, a life-saving prescription ensuring long-term prosperity. Education for Sustainable Development will provide future leaders with better skills and competence to respond to the needs of today's unsustainable world. In the same line, the European Union has put forth the programme “**Europe 2020**”, which is the EU's growth strategy for the coming decade: in a changing world, EU needs to become a smart, sustainable and inclusive economy. These three mutually reinforcing priorities will help the EU deliver high levels of employment, productivity and social cohesion.

In today's world, the alignment of strategies and the incorporation of synergies are paramount. Thus we believe to have responded to the Erasmus Mundus' objectives with our proposal: the **Trans-European Mobility Project On Education for Sustainable Development** – **TEMPO** and the **IN**ternational **F**ellowship **IN** transdisciplinary **ITY** – INFINITY – intends to ally the United Nations strategy of Education for Sustainable Development, the strategy of the programme “Europe 2020” with the Erasmus Mundus objectives for Mobility on Higher Education Institutions (HEI).



Institutional cooperation and geographical circumstances

For the achievement of these high-minded aims, the **TEMPO** partnership was made and was reinforced the following year with the **INFINITY** Project partnership. Some of the partners already had previous Erasmus Mundus (EM) experience, and were partners in other consortia. However, most of the partner HEIs did not. Inviting HEIs without EM experience to the **TEMPO & INFINITY** Projects promotes the European Higher Education System, and expands the Erasmus Mundus network.

Indeed, from a geographical point of view, the **TEMPO** partnership was composed by Higher Education Institutions (HEI) in Portugal (Lisbon University, University of Fernando Pessoa, Polytechnic Institute of Tomar), Spain (University of Alicante, University of A Coruña, University of Cordoba), Italy (Polytechnic University of Milan, University of Pavia, Polytechnic University of Turin) and Third country universities in Armenia (Gavar State University, State Engineering University of Armenia), Azerbaijan (Azerbaijan University of Architecture and Construction, Baku State University), Belarus (Brest State Technical University, Belarusian National Technical University), Georgia (Georgian Technical University), Moldova (Alecu Russo Balti State University) and Ukraine (Donetsk National Technical University, Donbas National Academy of Civil Engineering and Architecture, National Technical University of Ukraine “Kiev Polytechnic Institute”).

In reality, this corresponds to an axis of 5000 km that runs from the Atlantic Ocean through the Mediterranean and Black Seas all the way to the Caspian Sea. Its objective is to promote a Trans-European exchange of culture, higher education, research experience, know-how and management between the Higher Education Institutions in accordance with the objectives of the Erasmus Mundus (EM) Programme.



European Union: Portugal, Spain, Italy



European Union: Portugal, Slovenia, Czech Republic, Estonia

INFINITY intends to be the continuation of the TEMPO Project - whereas TEMPO followed the theme of sustainability and CO2 and was a starting point in the development trans-European relations - INFINITY intends to reinforce the **International Fellowship IN transdisciplinarITY** (INFINITY) that was started with TEMPO. In other words, INFINITY follows the idea of sustainability and aims to maintain and to strengthen a viable partnership of European and Lot 5 HEIs.

The EM Program guidelines refer to the objectives of the Lisbon Strategy such as the pledge to make Europe “the most competitive and dynamic knowledge-based economy in the world capable of sustainable economic growth with more and better jobs and greater social cohesion.” In that sense, INFINITY is a project that directly answers the themes of sustainable economic growth and social cohesion mentioned above.

In today’s world, the alignment of strategies and the incorporation of synergies is paramount. In addition to the Lisbon Strategy, the INFINITY project intends to ally the United Nations strategy of Education for Sustainable Development, the strategy of the program Europe 2020 with the Erasmus Mundus objectives for Mobility on Higher Education Institutions (HEI). Not forgetting the fact that “higher education institutions play a crucial role in research and education on climate change, a topic of great interest to policy makers and business representatives.”

Institutional cooperation and geographical circumstances

For the attainment of these objectives, the **INFINITY** partnership was formed, thus we selected a mix of partners that have had previous Erasmus Mundus (EM) experience and others for whom it is the first time to have the opportunity to be involved with an EM program. This partnership intends to implement and foster institutional cooperation which will encourage to develop and strengthen the European Higher Education System network.

From a geographical point of view, the **INFINITY** partnership is composed by Higher Education Institutions (HEI) in Estonia, Portugal, Slovakia, Slovenia and Third country universities in Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine.

In reality, this corresponds to an axis of 5000 km that runs from the Atlantic Ocean through the Mediterranean and Black Seas all the way to the Caspian Sea. Its objective is to continue to promote a Trans-European exchange of culture, higher education, research experience, know-how and management between the Higher Education Institutions in accordance with the objectives of the Erasmus Mundus Program.

Previous experience, logical developments and thematic fields

Since 2008, the Faculty of Architecture of Lisbon Technical University (Portugal) and Donetsk National Technical University (Ukraine) have research agreements in the areas of reduction, capture and storage of Green House Gas emissions, and in Sustainable Territorial Planning on the basis of a transdisciplinary approach. Thus the **INFINITY** project application to the Erasmus Mundus Program is now a result of this experience.



The thematic fields follow the main theme of INFINITY: Urban Agriculture, thus the project's thematic fields are:

- 01 Agriculture Sciences
- 02 Architecture, Urban and Regional Planning
- 04 Business Studies, Management Science
- 06 Engineering, Technology
- 07 Geography, Geology
- 13 Natural Sciences
- 14 Social Sciences

We find that it is possible and desirable to join all of these 6 areas of knowledge under a transdisciplinary umbrella.

Indeed, Agriculture is the basis of culture, the basis for the City, and the foundation for sustainability. Thus the field of urban planning must take into account the need to incorporate agriculture into the city. The building blocks of the City are Architecture which can also incorporate agriculture (green façades, green roofs). Natural Sciences allow for the understanding of the relations and the needs of the biological component. Engineering technology is fundamental in order to enhance the efficiency of urban gardens, such as in the design of systems for catching rain water and for water recycling - following the concept of *technology at the service of nature*. Geography and Geology are the basis for efficient and accurate plans; namely, through geographic information systems, and for identifying the specifics of soils. As to Social Sciences they correspond to the incorporation of the human factor for the whole project. For example, the idea of urban agriculture/gardens for youngsters to understand how food is cultivated and for the older generation to be active and sharing its knowledge with the children - in fact this addresses one of concerns of the Lisbon Strategy and of Europe's ageing population.

In addition, the urban gardens will help to reduce the urban temperatures in what is known as the urban heat islands (which are metropolitan areas that are significantly warmer than their surrounding rural areas due to human activities).

Detected needs and constrains

On a higher conceptual level, we need to persist on the search for healthier and more sustainable urban centers, for it is absolute dependence on the Biosphere and the complexity of its natural and human interconnections. This explains the involvement and importance of the above mentioned strategic thematic fields. As they all, in one way or another, can contribute to the design of the Sustainable City. Therefore, the involvement of these strategic and actual areas of study/research will contribute towards achieving the practical results in terms of a more balanced land use, better constructions and transport systems; in sum, a healthier environment and better quality of life, and also to the achievement of sustainable development of the countries covered by **INFINITY** Partnership.

In addition, the involvement of these thematic fields is based on detected essential necessities of the third countries of lot 5 and their HEIs in two general areas. One which results from an environmentally unfriendly, Soviet style urban development model; and the other which results from outdated research methods on these areas combined with obsolete equipment at the level of HEIs.

Expected impact

The Soviet urban model is lacking in human comfort, sustainability, and environmental integration. But as the cities of the former Soviet Republics develop and prosper, it is imperative that - in particular third country - urban planners, architects, engineers and researchers be aware of the mistakes - in terms of urban development, architecture, engineering/technology and environmental protection - that were committed in the West as to avoid them. In addition, they must be prepared to implement sustainable design strategies that will take into account the reduction of the ecological footprint of their design solutions.

As far as obsolete equipment is concerned, it has been gathered from several HEIs of the lot 5 that their laboratories are fitted out with equipment that dates back to the 1970's, and that their researchers are in great need to be acquainted with more recent technologies and methods.

On the other hand, according to an EACEA survey that "was implemented among the following target groups during a period of six weeks: Erasmus Mundus Action 1 Joint Programme (...) Climate Change and Sustainable Solutions remains a relevant topic for Erasmus Mundus". INFINITY.

Therefore, as a response to these needs, the **INFINITY** project aims at promoting institutional cooperation on the level of Higher Education and management. The selection of institutional partners that was carried out in order to fulfill the needs of third countries and the requests that they already expressed. Thus the **INFINITY** partnership combines the European Architecture, Engineering and Natural Science HEIs and the corresponding Third Countries HEIs. This factor of correspondence in the thematic fields between the partners, will promote the efficient implementation of mobility and sustainable knowledge/research exchange. It is expected that these academic connections will also have the potential to develop into mutually beneficial business transactions, which will in turn help to ensure the sustainability of the **INFINITY** Project itself.

The promotion of the European Union as a centre of excellence in learning and dissemination of the European Higher Educational System around the world and the investment in diverse, modernized and interconnected higher education/research within the European geographic space is an urgent matter. It will lay the much needed seeds for the establishment of a cooperation network of HEIs between the European Union and former republics of the Soviet Union (lot 5) that will certainly be an adequate response to today's global, educational and environmental challenge:

- Start the assimilation of the European Union Higher Education System into the Third Countries of lot 5 (Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine) by increasing these countries' awareness toward the advantages of being part of the wider continental European educational system.
- Offering an equal opportunity for students and staff - through systematic mobility - to enrich their knowledge, skills, and to carry

the concept of urban sustainability to their own countries.

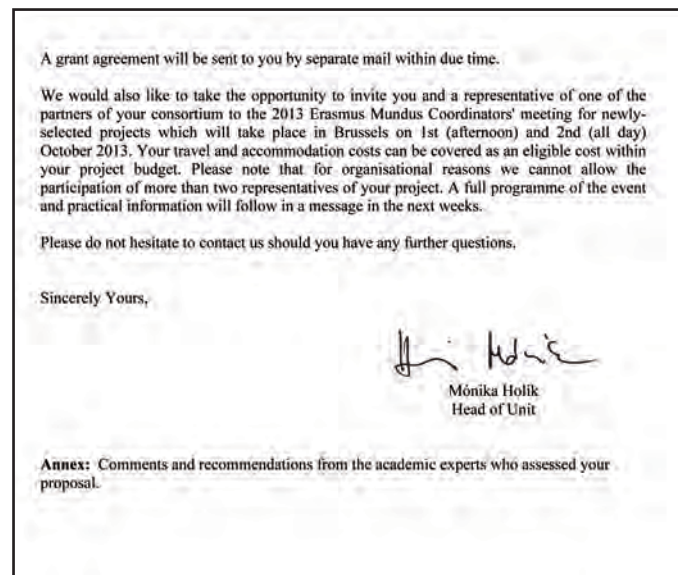
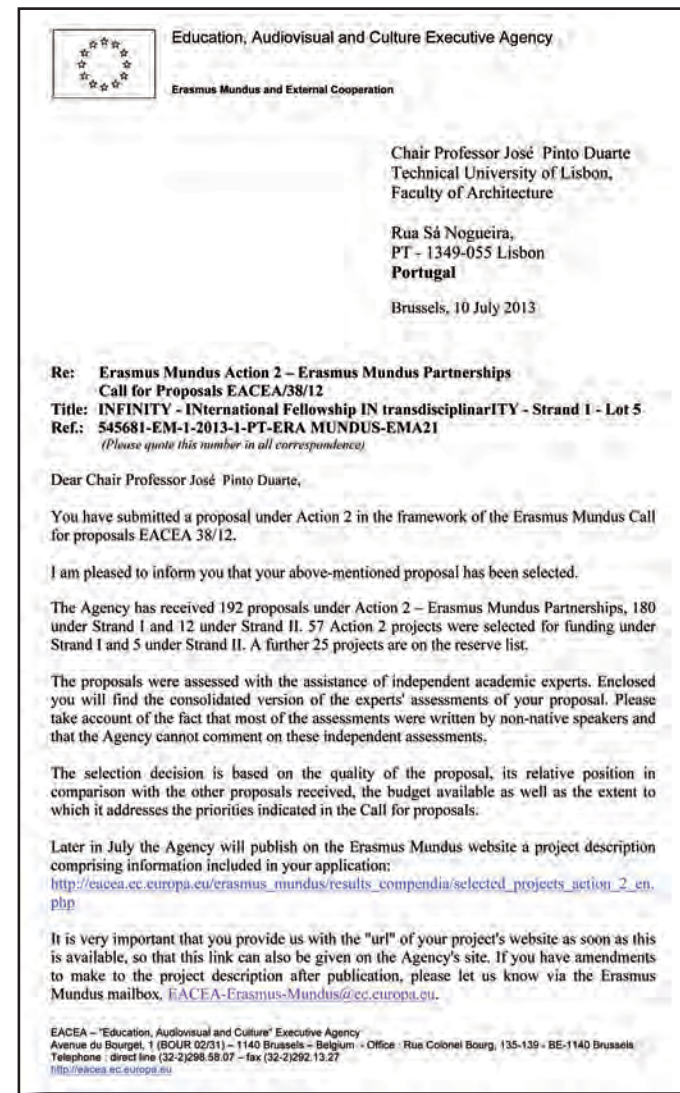
- Encouraging the promotion common values of respect for gender equity, human rights, fundamental freedoms, peace, democracy, good governance, the rule of law, solidarity and justice.
- Sharing research resources, attaining educational standards and management capacities between the European Partners' and their partners from Third countries (lot 5).
- Raising the employability at the Third Countries (lot 5) to contribute in their undergoing process of diversification of their economies.
- Developing international programs for future strategic collaboration in terms of research and business.
- Striving to reach the objectives set by the United Nations, the European Union and the Erasmus Mundus such as smart growth, environmental protection and sustainable development for the countries covered by the INFINITY project.

In conclusion:

The INFINITY Project seeks to have a significant impact for the HEIs of the Third Countries (lot 5) not just through the mobility component – that this project will naturally promote - but also by focusing on the sustainability of the multilateral ties that will ensue, and by seeking to provide practical results in terms of a better quality of life, a healthier environment through the sustainable development of their urban centers. In order to make it all these players work together in a profound symbiotic relationship will take a great effort, but it is a sound strategy for sustainability.

Mobility Type	Distribution %	Total	European Union	Third Countries (lot 5)
		Persons	Persons	Persons
Undergraduates	28,70	52	8	44
Master	22,70	41	7	34
Doctorates	19,90	36	4	32
Post Doc	9,40	17	6	11
Staff	19,30	35	6	29
TOTAL	100	181	31 (17%)	150 (83%)

The planned mobilities for the INFINITY project are presented in the above table. The final result of these mobilities is presented in the next Chapters of this report.



In July 2013, we received the answer from the Agency stating that the INFINITY Project had been awarded a 3.3 million euro grant.

In this document, it is stated that there were 192 proposals submitted to the Agency in Brussels – an 8% increase as compared with the previous year; however, only 57 (Action II) proposals were selected.



Coordinator and Executive Coordinator of INFINITY
with Head of Unit Mónica Holik (EACEA)
Brussels 2013



In any case, the Evaluation Report sent by EACEA in Brussels reported having selected the INIFNITY Project for some of the following reasons:

“The proposal clearly identifies the thematic focus, Urban Agriculture, and presents many issues arising from an analysis of the Third Countries’ HEIs which could be regarded as objectives for the project. These provide a framework to foster institutional cooperation and provide very good potential to develop mobility tracks that will increase teaching and learning capacity of HEIs in the Third Countries involved. The proposal well presents the needs of participating countries, including development and intensification of uniformization, better organisation, and democratic principles in HEIs.”

In addition, the Evaluation Report also referred that in terms of the Quality
“The partnership covers all countries from Lot 5 and several EU countries, and five of the HEIs are identified as being located in peripheral cities, hence the proposal has good geographical coverage and diversity. The partnership demonstrates experience in the management of international cooperation projects, and has suitable technical and operational expertise. Included are 11 HEIs with no experience of EM Action 2, hence the proposal enlarges the cooperation scope and enriches future impact in the targeted countries and in the region. The thematic fields of partners are well analysed and summarised in the table, which very well illustrates competences of the consortium.

The roles and responsibilities of the coordinator and the Third Country HEI undertaking joint coordination are well defined and clear. The supporting role of the Third Country joint coordination institution for the other Third- Country partners, to enhance their international cooperation capabilities, is sufficiently highlighted. The cooperation mechanisms are defined and suitable with the management of the consortium and are well described; the functions and work principles of corresponding committees (councils) are clear and effective.” In the case of the TEMPO Project, it was in July 2012, when We received the answer from the Agency stating that the TEMPO Project had been awarded a 3.5 million euro grant.



In this document, it is stated that there were 156 proposals submitted to the Agency in Brussels; however, only 52 (Action II) proposals were selected. It also stated that:

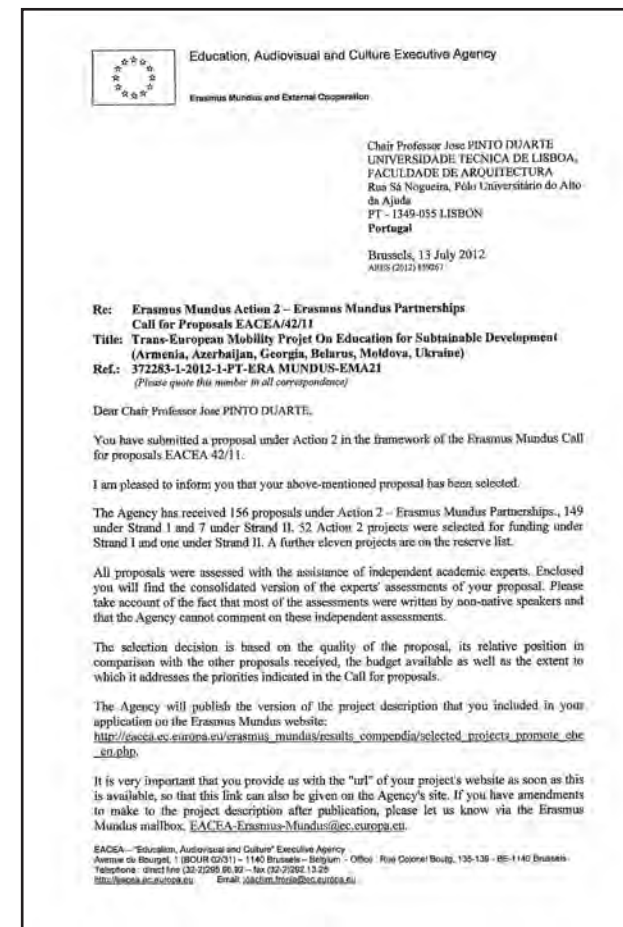
- ...**The quality of the submitted project is good in many aspects**, including, in particular, the description of the overall organization of mobility and the selection process, evident cost-effectiveness of mobility flows and quality assurance measures.

- ...**The thematic fields are very interesting** and can have an impact not only on the participants in the mobility but also on their societies, as they can contribute to improving the current situation in the Third countries in several aspects, as a consequence of the exposure to new systems and approaches”.

Evaluation Report of EACEA Agency, EU

In any case, there was about a 30% probability of being awarded a grant. However, this was the very first time that the Faculdade de Arquitectura was applying for the coordination of such a large project.

On the other hand, many of the Higher Education Institutions (HEIs) that were competing had either been coordinators in previous projects, or had already presented projects in previous. But as mentioned by the Head of Unit, Dr. Joachim Fronia, during the Coordinator’s Conference, it is very uncommon for a HEI to be awarded a grant at the first attempt.



EACEA calls

The kick off meeting

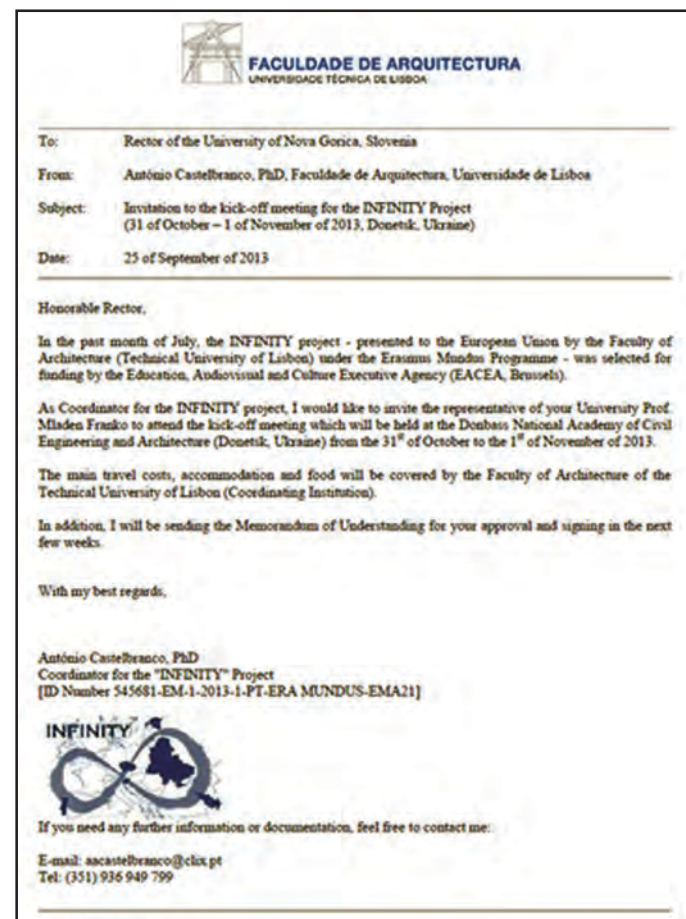
Makeyevka/Donetsk (November 2013)

Donbass National Academy of Civil Engineering and Architecture (Donetsk, Ukraine) from the 31st of October to the 1st of November of 2013.

The general concept of the INFINITY Project was presented. The main idea is to promote a Trans-European and trans-disciplinary exchange of knowledge, experience and management and to develop stronger cooperation ties within universities of the European Union and of Armenia, Azerbaijan, Belarus, Georgia, Moldova, and Ukraine. And the general strategy for the complex implementation of the project was presented and discussed.



Professor Oksana Turchanina,
INFINITY's Project Executive Coordinator at the kick of meeting
(Makeyevka/Donetsk/Ukraine)



The invitation letter that was sent
to all partners

General program for the kick off meeting

- 1 – Presentation of the Erasmus Mundus Programme by the Education, Audiovisual and Culture Executive Agency's representative (to be appointed).
- 2 – Power Point. presentations by each of the INFINITY partner of their respective HEI and thematic fields for planned mobilities.
- 3 – Possible participation of the European Union delegates' and the Ambassadors/Consuls for helping to further the dissemination of the project's goals and activities.
- 4 – Presentation and discussion of the INFINITY Project functioning structure such as the: Promotion Campaign, Application Form Submission, Selection Procedure, Organisation/implementation of Mobility.
- 5 – Multilateral recognition of studies: Learning Agreement, Student Agreement, and Transcript of Records.
- 6 – Establishment of the Management Council and Eligibility/Evaluation Council.
- 7 – Entry into force/implementation of the Memorandum of Understanding.

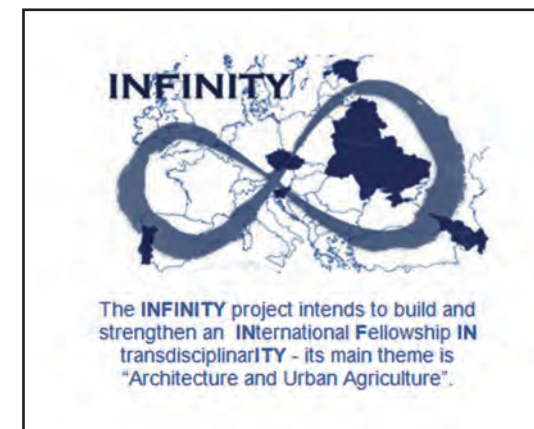






In addition to the kick off meeting, we had the opportunity to present the INFINITY Project to the students and staff of Donbass National Academy of Civil Engineering and Architecture



Following the the kick off meeting, the process of promotion of the INFINITY Project, was started. We designed a web page, developed an application guide line, and opened the call for students to apply. It was important to briefly describe the project, the partners and the types of grants available.



INTERNATIONAL FELLOWSHIP IN TRANSDISCIPLINARITY

project is funded by Erasmus Mundus programme of the European Union

Come and study in the European Union – enrich your education and prepare yourself for the FUTURE

The **INFINITY** project is a Higher Education experience for the exchange of knowledge in the areas of:

- 01 Agriculture Sciences
- 02 Architecture, Urban/Regional Planning
- 04 Business Studies, Management Science
- 06 Engineering, Technology
- 07 Geography, Geology
- 13 Natural Sciences
- 14 Social Sciences.

Participate and earn your scholarship to come learn at the universities of the Czech Republic, Estonia, Portugal, and Slovenia:

Mobility types:	Monthly allowances
Undergraduate	1000€
Master	1000€
Doctorate	1500€
Post-doc	1800€
Staff	2500€

In addition, your scholarship also includes travel costs, tuition and health insurance.

If you speak English (Czech, or Estonian or Portuguese, or Slovene), and are interested to be part, of the INFINITY Project, please apply from the **15th of November to the 15th of January of 2014** using <http://infinity.fa.ulisboa.pt/>

If you have any questions, please contact us:

infinity@fa.utl.pt
<https://www.facebook.com/infinity.fpt>
<http://vk.com/infinitypt>



THE STUDENT/STAFF SELECTION PROCEDURE

After the Kick Off Meeting we started the Evaluation Process in order to select the grantees for the INFINITY Project.

Therefore, after the application procedure is completed, the application is evaluated as follows:

For Target Group 1(TGI), and Target Group 3 (TGIII) (if TGIII applicant belongs to a partnership HEI)

- 1 - by Home HEI
- 2 - by Host HEI
- 3 - by the independent evaluator (Associated partner of the partnership)

For Target Group 2 (TGII)

- 1 - by Host HEI
- 2 - by the independent evaluator (Associated partner of the partnership)

The evaluation consists of 2 stages:

- 1st - eligibility check (YES or NO, according to the eligibility criteria)
- 2nd - academic merit (grade, according to the selection criteria)

All the evaluators insert their grades into the system (and all the partners can see the grades) the system calculates the final score based on the following formulas:

- Target Groups I and III (with a Home HEI)
 $(\text{Home HEI grade is 25\%}) + (\text{Host HEI grade is 50\%}) + (\text{Independent evaluator grade is 25\%}) = 100\%$
- Target Groups II, III (without a Home HEI)
 $(\text{Host HEI grade is 70\%}) + (\text{Independent evaluator grade is 30\%}) = 100\%$

REGARDING OUR SELECTION PROCEDURE

After all the grades were inserted by the evaluators into the system, the Eligibility/Evaluation Council had a meeting in Lisbon in order to select the grantees. The selection process is based on the cross-cutting issues, final scores and the mobility planned. The results of the selection procedure are published on the website according to the data inserted by the applicants to the On-line Application tool.

THE ACCEPTANCE PROCEDURE:

After the results are published (according to the data inserted by the applicants to the On-line Application tool):

- 1 - applicants from the Main list receive a letter from the Coordinator where they are asked to accept or to reject the scholarship during 5 working days
- 2 - applicants from the reserve list receive a letter from the Coordinator where they are asked to express their willingness to participate in the case of candidates' rejections from the Main List
- 3 - applicants from the Non-selected list receive a letter from the Coordinator where they are informed about the reason of not being selected with an appeal procedure to follow.

After we receive the acceptance and rejections from the participants of the Main list, the further procedure is as follows:

- 1 - “ADJUSTMENT” stage, where the applicants and Home/Host HEI involved have to establish final start/end dates of the mobility period (students decide to increase/decrease their mobility period by some reason) and also to verify if any mistake might have been done by the applicants during the application stage.

NOTE: This stage is extremely important because students are not familiar with the EM rules and we all must strive to follow these rules.

- 2 - Calling the applicants from the Reserve list in order to substitute the applicants that have canceled their participation.
- 3 - Elaborating and signing the Student and Learning agreements with the correct (adjusted) data, these documents are to be signed by 3 parties for TGI (student/Home/Host) and by 2 parties for TGII (student/Host).
- 4 - Publishing FINAL Main list with the adjusted data and with the additional grantees from the Reserve list.

Following the Evaluation Process, the first Eligibility/Evaluation Council's meeting was held in Lisbon from the 14th to the 17th of April, at the Faculty of Architecture, the University of Lisbon. The objective of this meeting was to finalize the process of selection of the candidates for the first cohort. Indeed, The Council analyzed all 462 applications and established the final and reserve list for the First Cohort of the INFINITY Project. The Council approved 309 applications, decided to put on the main list 124 applications, to put on the reserve list 185 applications, to put on the non-selected list 154 applications.



The first Eligibility/Evaluation Council meeting
The agenda for the meeting was the following:

- 1 - To evaluate the Application procedure.
- 2 - To approve the final and reserve list for the First Cohort candidates.



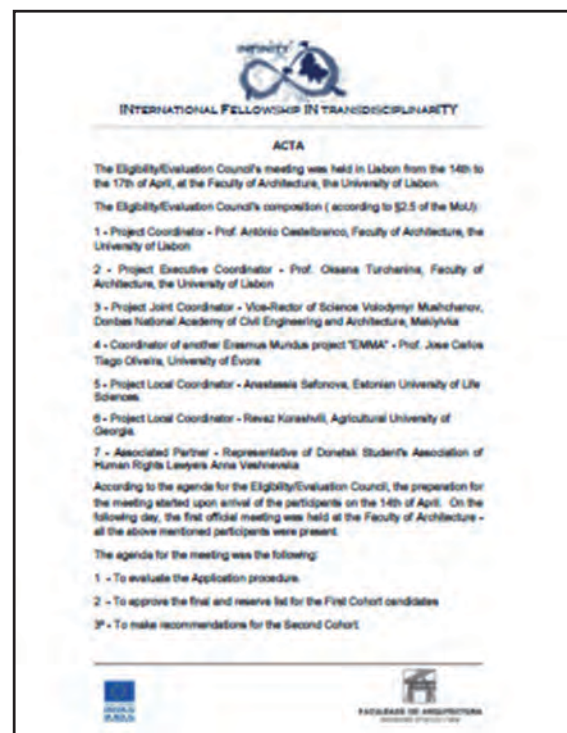
Taking advantage of the new technologies, our first on-line partners meeting was held on the 28th of October of 2014 in order to remind the importance of the scrupulous and rigorous eligibility check of the applicants. In addition, separate On-line conferences between the Joint-Coordinator Mrs. Anna Veshnevskaya and the INFINITY Executive Coordinator – Prof. Oksana Turchanina are holding on a monthly basis in order to follow up the progress and to support INFINITY's smooth implementation.

At the time of this meeting, the INFINITY Project had already assured the following bilateral agreements – however, during the lifetime of the project, there were more than 20 bilateral agreements signed some of which are already up and running.

- O.M. Beketov National University of Urban Economy – University of Nova Gorica
- O.M. Beketov National University of Urban Economy – Estonian University of Life Sciences
- State Agrarian University of Moldova – Estonian University of Life Sciences
- Azerbaijan State Agriculture University – University of Nova Gorica
- Azerbaijan State Agriculture University – Technical University of Ostrava
- Mingachevir Polytechnical Institute (Azerbaijan) – University of Nova Gorica
- Donbas National Academy and Civil Engineering – State Agrarian University of Moldova
- Lviv Polytechnic National University – National University of Architecture and Construction of Armenia
- Faculty of Architecture, University of Lisbon – Tbilisi State University.



In addition, some of the INFINITY partners are preparing together a proposal for Erasmus+ programme which we consider as a very positive outcome of their collaboration in order to ensure continuity.



II INFINITY

OUTCOME PER GRANTEE

UNDERGRADUATE GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
001	Anonymity required	Moldova	Faculty of Architecture, University of Lisbon	10 months	65,5 ECTS	Architecture					
002	CERVINSCAIA Nadejda	Moldova	Faculty of Architecture, University of Lisbon	10 months	52,5 ECTS	Design					
003	JAFAROV Guloghlan	Azerbaijan	VŠB - Technical University of Ostrava	5 months	25 ECTS	Engineering					
004	HUSEYNLI Azer	Azerbaijan	VŠB - Technical University of Ostrava	10 months	36 ECTS	European Business Studies					
005	SARGSYAN Tigran	Armenia	VŠB - Technical University of Ostrava	10 months	60 ECTS	Engineering					
006	AVETISYAN Aram	Armenia	VŠB - Technical University of Ostrava	10 months	60 ECTS	Civil Engineering					
007	HAKOBYAN Davit	Armenia	Polytechnic Institute of Leiria	10 months	46 ECTS	Civil Engineering					
008	STEPANYAN Areg	Armenia	Polytechnic Institute of Leiria	10 months	46 ECTS	Civil Engineering					
009	KAZANDJIAN Arevig	Armenia	Faculty of Architecture, University of Lisbon	10 months	44 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
010	OKHRIMOVYCH Alina	Ukraine	VŠB - Technical University of Ostrava	5 months	28 ECTS	European Business Studies					
011	HANZHA Yuliia	Ukraine	Univerza v Novi Gorici	10 months	46 ECTS	Environmental sciences					
012	SMAHLII Karyna	Ukraine	VŠB - Technical University of Ostrava	5 months	28 ECTS	European Business Studies					
013	ZORINA Anastasiia	Ukraine	Univerza v Novi Gorici	10 months	51 ECTS	Environmental sciences					
014	KOSTYCHEVA Yuliya	Ukraine	Univerza v Novi Gorici	6 months	31 ECTS	Audio Visual techniques					
015	BEZBORODOVA Khrystyna	Ukraine	VŠB - Technical University of Ostrava	5 months	21 ECTS	Geological Engineering					
016	IZBASH Andrii	Ukraine	Faculty of Architecture, Lisbon University (Portugal)	10 months	32,5 ECTS	Architecture					
017	GONCHARENKO Ielyzaveta	Ukraine	Faculty of Architecture, Lisbon University (Portugal)	10 months	43 ECTS	Architecture					
018	RIZVANOV Mariia	Ukraine	VŠB - Technical University of Ostrava	5 months	20 ECTS	Geological Engineering					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
019	BOROVYK Dmytro	Ukraine	Faculty of Architecture, University of Lisbon	10 months	22,5 ECTS	Architecture					
020	STRYUK Anna	Ukraine	VŠB - Technical University of Ostrava	5 months	20 ECTS	Geological Engineering					
021	LINKEVICH Yeva	Ukraine	Faculty of Architecture, University of Lisbon	6 months	28 ECTS	Architecture					
022	VAZNIUK Anastasiya	Belarus	Polytechnic Institute of Leiria	5 months	29 ECTS	Civil Engineering					
023	TSIKLAURI Elene	Georgia	VŠB - Technical University of Ostrava	10 months	70 ECTS	European Business Studies					
024	LEZHAVA Giorgi	Georgia	VŠB - Technical University of Ostrava	10 months	66 ECTS	Engineering					
025	NARIMANIDZE Niko	Georgia	VŠB - Technical University of Ostrava	10 months	61 ECTS	Telecom- munication Technology					
026	KOPALEISHVILI Merab	Georgia	Faculty of Architecture, University of Lisbon	10 months	59 ECTS	Civil Engineering					
027	NEPARIDZE Ketevan	Georgia	Univerza v Novi Gorici	10 months	180 ECTS	Environmental sciences	1st level bachelor in Environmental Sciences				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
028	KARPENKA Julia	Belarus	VŠB - Technical University of Ostrava	5 months	24 ECTS	European Business Studies					
029	ELIAVA Diego	Georgia	VŠB - Technical University of Ostrava	10 months	51 ECTS	Telecom-munication Technology					
030	HAKOBYAN Karine	Armenia	Polytechnic Institute of Leiria	6 months	30 ECTS	Social Work					
031	ABBASOV Shamil	Azerbaijan	VŠB - Technical University of Ostrava	10 months	44 ECTS	Economy					
032	BABAYEVA Sakina	Azerbaijan	VŠB - Technical University of Ostrava	10 months	40 ECTS	Economics and Management					
033	ISKANDAROV Ismayil	Azerbaijan	VŠB - Technical University of Ostrava	5 months	27 ECTS	Computer Science					
034	YERITSYAN Knarik	Armenia	Univerza v Novi Gorici	10 months	60 ECTS	Physics	1st level bachelor in Physics				
035	DVALADZE Irakli	Georgia	VŠB - Technical University of Ostrava	10 months	72 ECTS	Mechanical Engineering					
036	KARBELASHVILI Tamari	Georgia	VŠB - Technical University of Ostrava	10 months	59 ECTS	Business Administration					
037	NONIASHVILI Nana	Georgia	VŠB - Technical University of Ostrava	10 months	58 ECTS	Civil Engineering					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
038	GIORGOBIANI Beka	Georgia	Eesti Maaülikool University	10 months	59,5 ECTS	Veterinary Medicine					
039	MAGHLAKELIDZE Mariami	Georgia	Faculty of Architecture, Lisbon University (Portugal)	10 months	62 ECTS	Architecture					
040	SHAVIDZE Tamta	Georgia	Faculty of Architecture, Lisbon University (Portugal)	10 months	62,5 ECTS	Architecture					
041	REVENCO Viorel	Moldova	Eesti Maaülikool University	10 months	69,5 ECTS	Veterinary Medicine					
042	NICHIFOR Gabriela	Moldova	Faculty of Architecture, Lisbon University (Portugal)	10 months	63,5 ECTS	Architecture					
043	PEREPELYTSYA Mariya	Ukraine	Univerza v Novi Gorici	10 months	59 ECTS	Environmental sciences					
044	ANTYPENKO Hlib	Ukraine	Faculty of Architecture, University of Lisbon (Portugal)	10 months	60 ECTS	Architecture					
045	BORYSOVA Marharyta	Ukraine	Faculty of Architecture, University of Lisbon (Portugal)	10 months	60 ECTS	Architecture					

MASTER GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
046	RYBENCHUK Kateryna	Ukraine	Estonian University of Life Sciences	10 months	60 ECTS	Landscape Architecture					Alver Aalto University Award, 1st prize (Waterspaces competition)
047	HRECHYLO Roman	Ukraine	Estonian University of Life Sciences	10 months	58 ECTS	Landscape Architecture					
048	SHCHUR Liudmyla	Ukraine	Estonian University of Life Sciences	6 months	34 ECTS	Landscape Architecture					
049	DETSYK Solomiya	Ukraine	Estonian University of Life Sciences	10 months	63 ECTS	Landscape Architecture					
050	KUPARADZE Ivane	Georgia	VŠB - Technical University of Ostrava	6 months	20 ECTS	Economics					
051	SIEVKA Yana	Ukraine	Estonian University of Life Sciences	10 months	63 ECTS	Landscape Architecture					
052	GRYTSUK Andrii	Ukraine	VŠB - Technical University of Ostrava	6 months	27 ECTS	Engineering, Technology					
053	BOBRYK Anastasiia	Ukraine	VŠB - Technical University of Ostrava	10 months	38 ECTS	Business Studies					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
054	TRUSHINA Alisa	Ukraine	VŠB - Technical University of Ostrava	10 months	60 ECTS	Engineering, Technology					
055	DEMIRTSHYAN Hovhannes	Armenia	University of Nova Gorica	19 months	120 ECTS	Physics	Master in Physics				“Alumnus Primus” (the best student of his generation), “Alumnus Optimus” (the best student of the year)
056	ISAHAKYAN Kristine	Armenia	Estonian University of Life Sciences	22 months	145 ECTS	Landscape Architecture	Master of Science in Engineering				
057	HOVHANNISYAN Tamara	Armenia	University of Nova Gorica	10 months	48 ECTS	Engineering and Management					
058	MUSIKYAN Srбуhi	Armenia	Polytechnic Institute of Leiria	22 months	120 ECTS	Tourism, Catering, Hotel Management	Master in Hotel Management				
059	AHMADOV Kamal	Azerbaijan	VŠB - Technical University of Ostrava	21 months	125 ECTS	Marketing and Business					
060	YOLCHUYEVA Ayisha	Azerbaijan	Polytechnic Institute of Leiria	22 months	120 ECTS	Product Design Engineering	Master Diploma in Product Design Engineering				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
061	ORUJOVA Firangiz	Azerbaijani	Faculty of Architecture, University of Lisbon	22 months	120 ECTS	Architecture	Master Diploma in Architecture (in preparation)				
062	RAHIMLI Nijat	Azerbaijani	University of Nova Gorica	22 months	100 ECTS	Environmental Sciences					
063	KARNEYEU Aliaksei	Belarus	VŠB - Technical University of Ostrava	5 months	23 ECTS	Computer Science and Technology					
064	ADEISHVILI Nika	Georgia	VŠB - Technical University of Ostrava	21 months	120 ECTS	Telecommunication Technology	Master Diploma				
065	COUTO João	Portugal	Lviv Polytechnic National University (Faculty of architecture)	10 months	22,5 ECTS	Architecture					
066	SOUSA Marco	Portugal	Lviv Polytechnic National University (Faculty of architecture)	10 months	22,5 ECTS	Architecture					
067	KATAMASHVILI Ivane	Georgia	Faculty of Architecture, University of Lisbon	22 months	121,5 ECTS	Architecture	Master Diploma				
068	PAREKHELASHVILI Mariam	Georgia	University of Nova Gorica	22 months	120 ECTS	Engineering and Management	Master in Engineering and Management				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
069	KHUTSISHVILI Beka	Georgia	Faculty of Architecture, University of Lisbon	22 months	121,5 ECTS	Architecture	Master in Architecture (jn preparation)				
070	BEKAURI Sandro	Georgia	VŠB - Technical University of Ostrava	21 months	122 ECTS	Electrical Engineering	Master Diploma				
071	TUTIASHVILI Tea	Georgia	VŠB - Technical University of Ostrava	21 months	120 ECTS	Mechanical Engineering	Master Diploma				
072	ALELISHVILI Teimurazi	Georgia	VŠB - Technical University of Ostrava	21 months	120 ECTS	Mechanical Engineering	Master in Business Sciences				
073	VLASENKO Petro	Ukraine	University of Nova Gorica	10 months	4 ECTS	Architecture					
074	MITINA Taisiia	Ukraine	Polytechnic Institute of Leiria	22 months	120 ECTS	Civil Engineering	Master Diploma in Civil Engineering – Building Construction	“Engineering project’s support based on BIM technology”, Taisiia Mitina, José Carlos Lino, Luísa Maria da Silva Gonçalves PTBIM	1st Portuguese Building Information Modeling Congress (Portugal, Guimarães, University of Minho, 2016		
075	LOBOVA Olga	Ukraine	Estonian University of Life Sciences	10 months	20 ECTS	Architecture					
076	MUSAIEV Renat	Ukraine	Polytechnic Institute of Leiria	6 months	17 ECTS	Engineering – Building Construction					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
077	ISYK Liliia	Ukraine	Faculty of Architecture, University of Lisbon	22 months	92,5 ECTS	Architecture	Master Diploma in Architecture (in preparation)				
078	JUC Andrei	Moldova	Faculty of Architecture, University of Lisbon	22 months	60 ECTS	Architecture	Master Diploma in Architecture (in preparation)				
079	BITCA Andrian	Moldova	Polytechnic Institute of Leiria	22 months	120 ECTS	Civil Engineering – Building Construction	Master in Civil Engineering – Building Construction				
080	POCHIN Mihai	Moldova	VŠB - Technical University of Ostrava	10 months	66 ECTS	Telecommunication Technology					
081	PETROVA Maria	Ukraine	VŠB - Technical University of Ostrava	10 months	63 ECTS	Environmental Sciences, Ecology					
082	MUROMSKY Anton	Ukraine	Estonian University of Life Sciences	22 months	125 ECTS	Landscape Architecture	Master of Science in Engineering				
083	PECHANKOVA Katsiaryna	Belarus	Polytechnic Institute of Leiria	22 months	120 ECTS	International Business	Master in International Business				
084	TARASIUK Yauheni	Belarus	VŠB - Technical University of Ostrava	21 months	133 ECTS	Nano-technology	Master Diploma				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
085	ALSHEVSKAYA Tatiana	Belarus	Polytechnic Institute of Leiria	22 months	120 ECTS	Business	Master in International Business				
086	BAG Dina	Ukraine	Faculty of Architecture, University of Lisbon	22 months	120 ECTS	Architecture	Master Diploma				
087	OSOIANU Dumitru	Moldova	VŠB - Technical University of Ostrava	20 months	123 ECTS	Telecommunication Technology	Master Diploma				
088	KAZLOVA Alena	Belarus	University of Nova Gorica	22 months	48 ECTS	Physics					
089	KACHARAVA Aleksandre	Georgia	Polytechnic Institute of Leiria	22 months	120 ECTS	Business	Master in International Business				
090	MASIMOV Vahid	Azerbaijan	Polytechnic Institute of Leiria	21 months	120 ECTS	Business	Master in International Business				
091	LASIANOK Aliaksandr	Belarus	Polytechnic Institute of Leiria	21 months	120 ECTS	Business	Master in International Business				
092	KALUGIN Alexandr	Belarus	VŠB - Technical University of Ostrava	14 months	50 ECTS	Business Studies, Management Science					
093	PINZARI Serghei	Moldova	VŠB - Technical University of Ostrava	10 months	55 ECTS	Engineering					

DOCTORATE GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
094	VASYLIEVA Kateryna	Ukraine	Faculty of Architecture, University of Lisbon	19 months	60 ECTS	Architecture					
095	BENOVSKA Mariya	Ukraine	Estonian University of Life Sciences	22 months	120 ECTS	Landscape Architecture	Master Diploma in Landscape Architecture				
096	SIRUNYAN Davit	Armenia	Faculty of Architecture, University of Lisbon	21 months	57,5 ECTS	Urban Planning					
097	ALLAHVERDIYEV Nizami	Azerbaijan	Polytechnic Institute of Leiria	7 months	30 ECTS	International Business					
098	GULIYEVA Ilaha	Azerbaijan	Polytechnic Institute of Leiria	22 months	120 ECTS	Tourism, Catering, Hotel Management	Master in Sustainable Tourism				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
099	MELKONYAN Hovik	Armenia	Faculty of Architecture, University of Lisbon	22 months		Business Studies, Management Science		Melkonyan H., Turchanina O., Castelbranco A. Lifelong Learning in the contexts of Socialization and Sustainable Development	1 - EURASHE 25th Annual Conference, Lisbon, 2015; 2 - EAAE/ARCC 10th International Conference, Lisbon, 2016		
100	RÄTSEP Reelika	Estonia	O.M. Beketov National University of Urban Economy	6 months		Environ- mental Sciences, Ecology		Y Vystavna, R Rätsep, N Klymenko, O Drozd, V Pidlisnyuk, M Klymenko Comparison of soil-to-root transfer and translocation coefficients of trace elements in vines of Chardonnay and Muscat white grown in the same vineyard Scientia Horticulturae 192, 89-96	International Conference of “Legislative and Technological Aspects of Horticultural and Viticultural Development” with an oral presentation on the topic of “Grapes in Nordic Conditions” 2014, Odessa		Defended dissertation in June 2016, one of the oponents was from O. M. Beketov NUUE - Y. Vystavna
101	SUKHORUKOVA Tetiana	Ukraine	VŠB - Technical University of Ostrava	10 months	23 ECTS	Civil Engineering		Numerical model of vertically Loaded foundation slab (Sukhorukova, Čajka)	13th International Conference “Modelling in Mechanics” 28-29.05.2015, VSB-Technical University of Ostrava, Czech Republic, title “Numerical model of vertically loaded foundation slab”		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
102	GULIAK Roman	Ukraine	VŠB - Technical University of Ostrava	34 months	100 ECTS	Business, Economics and Management		<p>1.1 New Resonance Approach to Competitiveness Interventions in Lagging Regions: Ukrainian Case before the War Conflict. Accepted in Review of Economic Perspectives (Scopus, Czech Republic).</p> <p>1.2 Two-Based Approach to Regional Potential Measurement in Developing Countries. Accepted in Actual problems of economics (Scopus, Ukraine). Papers under the review:</p> <p>1.3 New clustering technique based on the outranking and MAUT based MCDM Omega. The International Journal of Management Science (indexed in Web of Science).</p> <p>1.4 Analysis and optimization of the distribution of Regional Cohesion Policy funds. Regional Studies (indexed in Web of Science). Working papers:</p>	<p>2.1 Theoretical and systemic foundation of strategic regional management. 17th International Conference Mekon. February 5-6, 2014 Ostrava, Czech Republic.</p> <p>2.2 The two-based approach to measure regional competitiveness of Ukrainian regions. International conference on Data Envelopment Analysis in economics and finance 2015. Ostrava, Czech Republic.</p> <p>2.3 Determination of congruent interventions in regional cohesion policy. 10th International Scientific Conference Financial management of Firms and Financial Institutions. 2015, Ostrava, VŠB-TU of Ostrava, Faculty of Economics, Department of Finance (indexed in Web of Science)</p> <p>2.4 Hierarchical resonance framework for regional</p>		Award for the best paper "Alternative perspective on the Allocation mechanism of Regional Cohesion Policy Funds" at the 19th International Conference Mekon. 2017, February 1-3, Ostrava, Czech Republic

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
								<p>1.5 Efficiency Measurement of Regions Based on the Modified TOPSIS Ratio Method.</p> <p>1.6 Cognitive bias in the MCDM methods applied for the choice of the best place to live</p>	<p>competitiveness estimation. 18th International Conference Mekon. February 5-6, 2016, Ostrava, Czech Republic.</p> <p>2.5 Alternative perspective on the Allocation mechanism of Regional Cohesion Policy Funds. 19th International Conference Mekon. 2017, February 1-3, Ostrava, Czech Republic.</p> <p>2.6 Two-factor outranking approach to MCDM methods for the lagging regions determination. the 12th International Conference on Strategic Management and its Support by Information Systems 2017, May 25th - 26th, 2017. Ostrava, Czech Republic. (indexed in Web of Science)</p>		
103	ONUFRIV Laryna	Ukraine	Estonian University of Life Sciences	6 months	16 ECTS	Landscape Architecture			ECLAS - European Council of Landscape Architecture Schools ECLAS Conference 2015: Landscapes in Flux, Tartu		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
104	RYBCHYNSKYI Adrian	Ukraine	Estonian University of Life Sciences	10 months	19 ECTS	Landscape Architecture			ECLAS - European Council of Landscape Architecture Schools ECLAS Conference 2015: Landscapes in Flux, Tartu		
105	AKSONENKO Olena	Ukraine	University of Nova Gorica	10 months	60 ECTS	Environmental Sciences					
106	BRÁS Gonçalo	Portugal	Technical University of Moldova	2 months		Business Studies with Languages					
107	ORTA JACINTO Maria de Fátima	Portugal	Georgian Technical Univerity	31 months		Urban Planning		Presentation "Cities that feed us". GTU Faculty of Architecture, Urban Planning and Design. http://gtu.ge/Eng/News/?ELEMENT_ID=4367			
108	RUSTEMOV Ruslan	Azerbaijan	University of Nova Gorica	20 months	48 ECTS	Humanities					
109	GERGEDAVA Tea	Georgia	Faculty of Architecture, University of Lisbon	15 months	90 ECTS	Sustainable Development Studies					
110	BAGHIROVA Banovsha	Azerbaijan	VŠB - Technical University of Ostrava	34 months	190 ECTS	Mechanical Engineering		1 "Experimental and numerical analysis of a knee endoprosthesis numerical model. L. ZACH, L. KUNČICKÁ, P. RŮŽIČKA, B. BAGHIROVA" 2 "Effect of cold swaging on mechanical properties	Metal conference (25 th Anniversary international Conference on Metallurgy and Materials 2016 Czech Republic, Effect of cold swaging on mechanical properties and structural characteristic of tungsten-based alloy.	Metal2016. 25th Anniversary international Conference on Metallurgy and Materials	

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
								and structural characteristic of tungsten-based alloy. BAGHIROVA Banovsha, DOHNALÍK Daniel, POHLUDKA Martin, MAREK Martin" 3 "Numerical modeling of cold swaging of sintered W-based alloy. Daniel DOHNALÍK, Banovsha BAGHIROVA, Michal HAJÍČEK, Martin FUSEK, Tomáš KUBÍN"			
111	POLOZ Iryna	Ukraine	Faculty of Architecture, University of Lisbon	34 months	60 ECTS	Architecture		Adaptive Reuse as a revitalization of historic monasteries in Ukraine; Poloz I. Authenticity criteria in conservation of sacred buildings in Volyn, Ukraine; Poloz I., Alho C.	International Conference Tourism vs. Heritage; Lusiada University, Lisbon, Portugal; Adaptive Reuse as a revitalization of historic monasteries in Ukraine. International Conference Tourism Vs Heritage; Torres Vedras, Portugal; Authenticity criteria in conservation of sacred buildings in Volyn" Ukraine		
112	TIKHONOVA Olha	Ukraine	Faculty of Architecture, University of Lisbon	34 months	150 ECTS	Architecture		Authenticity Criteria in Castles of Ivano - Frankivsk Region. Tikhonova, O., & Alho, C. (2015)	2nd International Scientific Conference. Lisbon, Portugal. Tourism vs. Heritage 3rd International	Part of the book. Defence Sites III: Heritage and Future Edited By: C.A. Brebbia, Wessex Institute	

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
								Modern bastion castles of Galicia Region (Eastern Europe) in the planning structure of historical city. Tikhonova, O., & Toussaint, M. (2016)	Conference. Alicante, Spain. Defence Sites: Heritage and Future 1st International Scientific Conference. Torres Vedras, Portugal. Tourism vs. Heritage	of Technology, UK; V.E. Iribarren, University of Alicante, Spain; C. Clark, Wessex Institute of Technology, UK; A. Gonzalez Aviles, University of Alicante, Spain "Reading the history of Bastion castles in Galicia (Eastern Europe) using Friedrich von Mieg Map" Author: Olha Tikhonova	
113	CHEREVKO Mykola	Ukraine	Polytechnic Institute of Leiria	6 months		Civil Engineering					
114	PEREIRA DE MATOS Vanda	Portugal	Lviv Polytechnic National University (Faculty of Architecture)	10 months	60 ECTS	Architecture		October 2016. "Collective dwelling of cooperative housing a heritage with soul" Vanda Pereira de Matos, Carlos Alho	International Symposium Sustainable Smart Manufacturing (S2M), in Faculty of Architecture of the University of Lisbon, Lisbon 4º CIHEL - Congresso Internacional da Habitação no Espaço Lusófono, A cidade Habitada, Porto-Covilhã, Portugal		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
115	OLIVEIRA Ana Claudia Figueiredo	Portugal	Belarusian State Technological University	10 months		Architecture			Conference "Smart Cities", Minsk	Smart Cities magazine – Minsk as a Smart City	Websummit 2017 Lisbon ANI Born from knowledge ARCHI-GREEN + Smart Green Wall
116	NAKSHKARYAN Armen	Armenia	University of Nova Gorica	10 months	60 ECTS	Humanities					
117	MELKONYAN Many	Armenia	Polytechnic Institute of Leiria	10 months		Tourism		The Development of Sustainable Tourism as a Means of Intercultural Communication	Annual Conference of EATSA, Lisbon, 2016 ESTM-IPLeiria		
118	Anonymity required	Armenia	Faculty of Architecture, University of Lisbon	22 months	30 ECTS	Urban Planning		The Development of Sustainable Tourism as a Means of Intercultural Communication	1.XXIV ISUF September 2017 International Seminar on Urban Form Valencia, Spain 2.European Architecture Students Assembly 2016 Madrid, Spain 3. SIY European Millenials Lab 2016 Siena, Italy		
119	GRIGORYAN Astghik	Armenia	Faculty of Architecture, University of Lisbon	22 months	90 ECTS	Urban Planning					
120	PETROSYAN Hrant	Armenia	Faculty of Architecture, University of Lisbon	10 months	40 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
121	STEGARESCU Gheorghe	Moldova	Estonian University of Life Sciences	10 months	13 ECTS	Environmental sciences		"Quality Assessment of an Irrigated Fluvisol" Gheorghe Stegarescu	Agroforum Mare Balticum 2016, Environmentally Smart Agriculture"		
122	MARTYNENKO Anna	Ukraine	Faculty of Architecture, University of Lisbon	6 months		Architecture		Article "Vernacular Values in Architectural Heritage. The case of Vale de Poldros"	Conference "Colóquio Internacional de Arquitetura Popular", 30 March – 2 April, 2016. FA-Ulissboa, title "Vernacular Values in Architectural Heritage. The case of Vale de Poldro"		
123	LYKHOHRAI Viktoriia	Ukraine	Estonian University of Life Sciences	10 months	17 ECTS	Civil Engineering		"Features of technological process in the dome design restoration of Orthodox Churches" Viktoriia Lykhorai	1. Conference "Sustainable Development of Hydraulic and Agricultural Construction", 2 April 2016, Aleksandras Stulginkis University, Kaunas, title "Technical State of Ukrainian Orthodox Churches and Technological Solutions of their Restoration" 2. 7th International Conference on Safety and Durability of Structures, 10-12 May 2016, UTAD in Vila Real, Portugal, title "Features of Technological Process in the Dome Design Restoration of Orthodox Churches"		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
124	MUSAYELIAN Davit	Armenia	Faculty of Architecture, University of Lisbon	10 months		Architecture					
125	ZHUKOVA Oksana	Ukraine	Estonian University of Life Sciences	10 months	7 ECTS	Architecture					
126	SHTOMPEL Natalia	Ukraine	University of Nova Gorica	10 months	12 ECTS	Architecture		1."The main approaches to the treatment of ancient monuments and works of art of the past in Ukraine. The question of heritage impact assessment, the problems caused by adverse developments in the surrounding areas (case of Kharkiv province)", 2. "The critically assessment of the strengths and the weaknesses of the World Heritage Convention: representativeness of the list, compliance, impact of inscription, successes, failures", 3. "The management of historical centre and cultural landscape in Italy: protection and planning tools and their coordination"	1. European Conference on Innovations in Technical and Natural Sciences, June 2016, Austria, Vienna		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
127	ROHOZHYN Mykyta	Ukraine	Polytechnic Institute of Leiria	10 months		Civil Engineering					
128	KHAPCHEN-KOVA Valeriia	Ukraine	Faculty of Architecture, University of Lisbon	10 months		Civil Engineering					
129	CHOPLIANI Levan	Georgia	Estonian University of Life Sciences	22 months	19,5 ECTS	Forestry			European Forest Resources and the Bio-Economy, Ede 2016		
130	PLIEKHOVA Olena	Ukraine	University of Nova Gorica	22 months	92 ECTS	Environmental Sciences		<p>*PLIEKHOV, Oleksii, PLIEKHOVA, Olena, OSMAN DONAR, Yusuf, SINAČ, Ali, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Enhanced photocatalytic activity of carbon and zirconium modified TiO [sub] 2. Catalysis today, ISSN 0920-5861. [Print ed.], 2017, str. 1-6, ilustr.</p> <p>*CARRARO, Giorgio, MACCATO, Chiara, GASPAROTTO, Alberto, WARWICK, Michael E. A., SADA, Cinzia, TURNER, Stuart, BAZZO, Antonio, ANDREU, Teresa, PLIEKHOVA, Olena, KORTE, Dorota, LAVRENČIČ ŠTANGAR, Urška, VAN TENDELOO, Gustaaf, MORANTE, Juan Ramón, BARRECA, Davide. Hematite-based nanocomposites for light-activated applications:</p>	<p>*PLIEKHOV, Oleksii, PLIEKHOVA, Olena, SINAČ, Ali, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Enhanced photocatalytic activity of carbon and zirconium co-doped TiO [sub] 2. V: KAUČIČ, Venčeslav (ur.), BEŠTER-ROGAČ, Marija (ur.), GANTAR, Marjana (ur.). Zbornik referatov in povzetkov, 22. Slovenski kemijski dnevi, Portorož, 28.-30. september 2016 = 22. Slovenian Chemical Days Portorož, September 28-30, 2016. Ljubljana: Slovensko kemijsko društvo, 2016, str. [1].</p> <p>*Pliekhova O., Lavrencic Stangar U. Zr and Cu modified TiO2 photocatalysts for water treatment.</p>		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
								<p>synergistic role of TiO [sub] 2 and Au introduction. Solar energy materials and solar cells, ISSN 0927-0248. [Print ed.], 2017, vol. 159, str. 456-466</p> <p>*PLIEKHOVA, Olena, ARČON, Iztok, PLIEKHOV, Oleksii, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Cu and Zr surface sites in the photocatalytic activity of TiO [sub] 2 nanoparticles. Environmental science and pollution research international, ISSN 0944-1344. [Print ed.], 2016, str. 1-11, doi: 10.1007/s11356-016-7685-y</p> <p>*BARRECA, Davide, CARRARO, Giorgio, GASPAROTTO, Alberto, MACCATO, Chiara, SADA, Cinzia, BONTEMPI, Elza, BRISOTTO, Mariangela, PLIEKHOVA, Olena, LAVRENČIČ ŠTANGAR, Urška. Novel two-step vapor-phase synthesis of UV-Vis light active Fe[sub]2O[sub]3/ WO[sub]3 nanocomposites for phenol degradation. Environmental science and pollution research international, ISSN 0944-1344. [Print ed.], 2016, vol. 23, iss. 20, str. 20350-20359</p>	<p>1st AARC PhD students conference on environment and sustainable energy. – 2016. Maribor, Slovenia</p> <p>*Pliekhova O., Arcon I., Novak Tusar N., Lavrencic Stangar U. Role of surface Cu-O-Zr sites in the photocatalytic activity of TiO2 nanoscale particles. 9th European meeting on solar chemistry and photocatalysis: environmental applications. – Strasbourg, France</p>		

POST-DOCTORATE GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
131	IOSEBIDZE Giorgi	Georgia	Faculty of Architecture, University of Lisbon	34 months	150 ECTS	Architecture		1. "Contemporary Architectures Intervention In historical part of Tbilisi and Lisbon (Qvemo Kala and Alfama) "- C. Alho, G. Iosebidze. 2. "Bagrati Cathedral Ruins in Georgia .Restoration, Reconstruction or Just a New Cathedral?!" Giorgi Iosebidze, Carlos Alho, Melkonyan H., Turchanina O., Castelbranco A. Lifelong Learning in the contexts of Socialization and Sustainable Development	1.S2MANUFACTURING, INTERNATIONAL CONFERENCE 2016, Challenges for Technology Innovation an Agenda for the Future. 2.RUINAS E TEMPORALIDADES 1 - EURASHE 25th Annual Conference, Lisbon, 2015; 2 - EAAE/ARCC 10th International Conference, Lisbon, 2016		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
132	PLOTNYTSKA Svitlana	Ukraine	University of Nova Gorica	6 months		Urban Planning and Development		*Plotnytska S., Managing the Development of Depressed areas: Marketing Approach *Plotnytska S., Designing Economic Development Policy for Depressed Areas *Plotnytska S., The internal innovative environment creation for agricultural Enterprises *Plotnytska S., Chapter: Territorial Capital in Ukraine: Socio-Economic and Regional Characteristics, Spatial aspects of socio- economic systems' development: the economy, education and health care	*Towards a Sustainable Development of the Depressed Areas International Scientific Conference, Varna: "Science and Economics"		
133	Anonymity required	Ukraine	University of Nova Gorica	6 months		Business Studies, Management Science		*M. Novikova, S. Dobrichik, A. Dioba Implementation of behavioral economics techniques to control urban landscape, 2015 *A. Dioba, S. Dobrić, M. Novikova, Cognitive biases relevant to cultural heritage conservation	IX konferencja psychology I Ekonomiczne, 2015 r. Wydział Nauk Społecznych Uniwersytetu Gdańskiego 14th European Congress of Psychology, Milan 7-10 July 2015		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
134	CHABANYUK Oksana	Ukraine	Faculty of Architecture, University of Lisbon	1 month		Architecture, Urban and Regional Planning		Meeting "Resultados da Participação Pública, Avenida da Igreja" in Junta de Freguesia de Alvalade, Lisbon, 26 Feb 2015 1. Seminar "Novas Soluções Tecnológicas para Processos de Democracia Participativa", 04 March 2015, Lisbon, Portugal 2. Workshop "Saber Habitat", March-April 2015, University of Lisbon			
135	PRIADKO Iurii	Ukraine	Polytechnic Institute of Leiria	6 months		Engineering; Technology; Civil Engineering		Priadko, I., Mushchanov, V., Bartolo, H., Vatin, N. and Rudnieva, I. (2016) Improved numerical methods in reliability analysis of suspension roof joints, St. Petersburg Journal, -Magazine of Civil Engineering, 5, 27-41. Gorokhov E.V., Mushchanov V.F., Priadko I.N. Ensuring the required level of reliability during the design stage of latticed shells with a large opening. Journal of Civil Engineering and Management 2015; 21(3): 282-289	1. Priadko. I., Reliability design of suspension bar roofs in stadiums, Structural Design workshop, Centre for Rapid and Sustainable Product Development, Polytechnic Institute of Leiria, Marinha Grande, Portugal, October, 15, 2014. http://cdrsp.ipleiria.pt/cdrspseminarios/oradores-convidados-2014/ . 2. Priadko. I., Modern approaches in reconstruction and rehabilitation of historical buildings, International Conference Characterization of the built heritage: to know to intervene, Polytechnic Institute of Leiria, Batalha, Portugal, October, 29, 2014		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
136	PLIEKHOV Oleksii	Ukraine	University of Nova Gorica	6 months		Environmental Sciences		*PLIEKHOV, Oleksii, PLIEKHOVA, Olena, OSMAN DONAR, Yusuf, SINAĞ, Ali, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Enhanced photocatalytic activity of carbon and zirconium modified TiO [sub] 2. Catalysis today, ISSN 0920-5861. [Print ed.], 2017, str. 1-6, ilustr. *PLIEKHOV, Oleksii, ARČON, Iztok, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Photocatalytic activity of zirconium- and manganese-codoped titania in aqueous media : the role of the metal dopant and its incorporation site. ChemCatChem, ISSN 1867-3899, Jun. 2016, vol. 8, iss. 12, str. 2109-2118 *PLIEKHOVA, Olena, ARČON, Iztok, PLIEKHOV, Oleksii, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Cu and Zr surface sites in the photocatalytic activity of TiO [sub] 2 nanoparticles. Environmental science and pollution research international, ISSN 0944-1344. [Print ed.], 2016, str. 1-11, doi: 10.1007/s11356-016-7685-y	*PLIEKHOV, Oleksii, PLIEKHOVA, Olena, SINAĞ, Ali, NOVAK TUŠAR, Nataša, LAVRENČIČ ŠTANGAR, Urška. Enhanced photocatalytic activity of carbon and zirconium co-doped TiO [sub] 2. V: KAUČIČ, Venčeslav (ur.), BEŠTER-ROGAČ, Marija (ur.), GANTAR, Marjana (ur.). Zbornik referatov in povzetkov, 22. Slovenski kemijski dnevi, Portorož, 28.-30. september 2016 = 22. Slovenian Chemical Days Portorož, September 28-30, 2016. Ljubljana: Slovensko kemijsko društvo, 2016, str. [1] *LAVRENČIČ ŠTANGAR, Urška, PLIEKHOV, Oleksii, NOVAK TUŠAR, Nataša. Photocatalytic activity of Zr and Mn co-doped TiO[sub]2 in aqueous media. V: BRUZZONITI, Maria Concetta (ur.), VIONE, Davide (ur.). Book of abstract, 16th European Meeting on Environmental Chemistry, November 30th - December 3rd, 2015, Torino, Italy. Torino: University of Torino, Department of Chemistry, 2015, str. 143		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
137	POGHOSYAN Bagrat	Armenia	University of Nova Gorica	6 months		Physics					
138	RURAC Mihail	Moldova	Estonian University of Life Sciences	6 months		Agriculture					
139	CHICIUC Igor	Moldova	University of Nova Gorica	6 months		Food Production					
140	FESENKO Galyna	Ukraine	University of Nova Gorica	6 months		Humanities		<p>*Fesenko, G. (2016). The marking of national identity in state holidays of Slovenia and Ukraine: the comparative analysis, Гілея, 106, 248-253</p> <p>*Fesenko, G. (2016). The culture of state-building in Slovenia and Ukraine: the comparative analyses, Актуальні проблеми філософії та соціології, 9, 136-139</p> <p>*Fesenko, G. (2016). The aesthetics of urban public space in the context of the philosophy of creativity subject (in Ukrainian); Естетика публічного простору міста в контексті філософії суб'єкта творчості, Актуальні проблеми філософії та соціології, (accepted for publication in the iss.10)</p>	1. Fesenko G. Evaluation of cultural segment of the East European Partnership// EURINT-2016 International Conference "The Eastern Partnership under strain – time for a rethink", "Allesandru Ioan Cuza" University of Iasi, Romania. 2.Fesenko, G. (2016). Memory culture at the national and local levels (comparative analysis of Slovenia and Ukraine) // 52 Seminar of the Slovenian language, literature and culture, Faculty of Philosophy, University of Ljubljana, Slovenia		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
								*Fesenko, G. (2016). Cultural philosophy framework of urban design strategies (for example Nova Gorica, Slovenia) (in Ukrainian); Культурфілософське окреслення стратегій урбан-дизайну (на прикладі Нової Гориці, Словенія), (accepted for publication in the iss.11)			
141	MANAKOVA Nataliia	Ukraine	University of Nova Gorica	6 months		Information and Communication Technologies		*CESTNIK, Bojan, MANAKOVA, Natalia, KARALIČ, Aram, URBANČIČ, Tanja. Engaging the net generation students in enhanced teaching and leaning with QTvity: the next steps. Proceedings of International Conference on e-Learning, 8-9 September 2016, Bratislava, Slovakia, ISSN 2367-6698), pp 86-93	Bojan Cestnik, Nataliia Manakova, Aram Karalič, Tanja Urbančič (2016) Engaging the Net Generation Students in Enhanced Teaching and Learning with QTvity. International Conference e-Learning'16 International Conference, Bratislava. (The best paper award)		The best paper award on conference
142	RAPINA Tetiana	Ukraine	University of Nova Gorica	6 months		Civil Engineering		Gjerkeš, Henrik, Šijanec Zavrl, Marjana, Rapina, Tetiana (2016) Cost and energy efficient modernization of school buildings in Ukraine. Slovenia, ISSN 2350-3505, 2016, p. 15-21. http://eprints.kname.edu.ua/43111/1/svet_strojnistva_mar16rapina.pdf			

ACADEMIC/ADMINISTRATIVE STAFF GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
143	NAHATAKYAN Davit	Armenia	Estonian University of Life Sciences	6 months		Architecture		Nahatakyan D. "The stone-brick combination of masonry in Armenian religious architecture of IX-XIII centuries" National Academy of Science of RA, Institute of Art, Proceedings of the tenth scientific session of young Armenian scientists, Yerevan, 2016, p. 127-138 (In Armenian) ISBN 978-5-8080-1205-9	10th scientific conference of young Armenian artists on 2015 November 10-11, dedicated to the 150th anniversary of Panos Terlemezyan, organized by the Institute of Art and State committee of science of National Academy of Sciences of Republic of Armenia		
144	DZIDZIGURI Maia	Georgia	Faculty of Architecture, University of Lisbon	6 months		Architecture		Presentation "Comparative analyze of two districts of Lisbon and Tbilisi"			
145	BASHEVA Tetiana	Ukraine	Polytechnic Institute of Leiria	6 months		Environmental Sciences, Ecology					
146	IARKIN Viktor	Ukraine	Polytechnic Institute of Leiria	6 months		Civil Engineering					
147	ZHMYKHOVA Tetiana	Ukraine	Polytechnic Institute of Leiria	6 months		Business Studies Management Science					
148	ALEKSAN- DROVA Olha	Ukraine	Estonian University of Life Sciences	6 months		Agrarian Economics		"Soft budget constraints and investment support in Estonian agriculture" Ants- Hannes Viira, Mati Motte, Olha Aleksandrova	Agroforum Mare Balticum 2016, Environmentally Smart Agriculture		
149	RUDNIEVA Iryna	Ukraine	University of Nova Gorica	6 months		Civil Engineering					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
150	CHERNOVA Olha	Ukraine	Polytechnic Institute of Leiria	1 month		Chemical Engineering					
151	DEDOVETS Ihor	Ukraine	Polytechnic Institute of Leiria	1 month		Chemical Engineering					
152	REMESHYLO- RYBCHYNSKA Oresta	Ukraine	Polytechnic Institute of Leiria	1 month		Architecture		Oresta Remeshylo- Rybchynska "Proportion, Harmony, Identity Phenomenon of Historical Architectural Ensemble of Ukrainian Church" /Proportion disHarmonies Identities, 2015, 78-85, ArchiBook's, Lisbon, ISBN 978-989-97265-0-5	«The loss of democracy and responsibility of society in the preservation and valorization of the architectural heritage of Ukraine and Portugal» – Presentation in Ukraine International conference. Lviv, TU, 2015 «Preservation of Architectural Heritage in Portugal and Ukraine. Common features» – Presentation in Caldas da Rainha and in Institutue of Architecture of Lisbon Technical University	KONG, Mário S. Ming; JANUÁRIO Pedro Gomes; REMESHYLO- RYBCHYNSKA, Oresta (2015) – "Architectura em Papel e Design Paramétrico / Paper Architecture and Parametric Design Lviv Polytechnic Publishing House, Lviv, pp.108, ISBN: 978-617-607- 787-9	
153	BIBIK Natalya	Ukraine	University of Nova Gorica	1 month		Business and Administration		Development of modern cities: challenges and trends Місто. Культура. Цивілізація. Матеріали IV міжнар. наук- теор. інтернет-конф. Харк. нац. ун-т міськ. госп-ва ім. О.М. Бекетова. – Х.: ХНУМГ, 2014 – С. 147-149			
154	VOITOVA Zhanna	Ukraine	Faculty of Architecture, University of Lisbon	1 month		Civil Engineering					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
155	GRYNENKO Volodymyr	Ukraine	University of Nova Gorica	1 month		Environmental Sciences, Ecology		The Integral economics of Man: Europe and World Monograph / G.V. Kovalevskiy, V.V. Grynenko // Scientific publication – Kharkov : «Fort» , 2014. – 106 pp.			
156	SHATVORYAN Armen	Armenia	Faculty of Architecture, University of Lisbon	1 month		Architecture					
157	VANYAN Irina	Armenia	Polytechnic Institute of Leiria	1 month		Urban Economics (Urban Planning)		Perspective of urban economies development from the point of view of “smart city conception”, Scientific edition of European Regional Educational Academy, book 7, 472p., Yerevan, 2016, p. 52-57	8th International Conference on Contemporary problems in Architecture and Construction. Yerevan. 26-28 October, 2016	Project Management, Monograph, Yerevan, 2015, 242 p.	
158	MAMMADOVA Kushvara	Azerbaijan	Polytechnic Institute of Leiria	1 month		International Relations					
159	AHMADOVA Samira	Azerbaijan	Faculty of Architecture, University of Lisbon	1 month		International Relations					
160	SCRIPNIC Elena	Moldova	Estonian University of Life Sciences	1 month		Animal Husbandry					
161	PETCU Valentina	Moldova	Estonian University of Life Sciences	1 month		Animal Husbandry					
162	FONSECA André	Portugal	Agricultural University of Georgia	1 month		Engineering; Technology					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
163	GOMES JANUÁRIO Pedro Miguel	Portugal	Lviv Polytechnic National University (Faculty of Architecture)	1 month		Architecture			Workshop Cycles, Paper Architecture and Design Paramétric, Lviv Polytechnic National University Architectural Departement, Ukraine, Infinity Mobility Program, 18, 19 de maio de 2015	KONG, Mário S. Ming; JANUÁRIO, Pedro Gomes; REMESHYLO-RYBCHYNSKA, Oresta (2015) – “Architectura em Papel e Design Paramétrico / Paper Architecture and Paramétric Design / Lviv Polytechnic Publishing House, Lviv., pp.108, ISBN: 978-617-607-787-9	
164	KONG Mário	Portugal	Lviv Polytechnic National University (Faculty of Architecture)	1 month		Architecture			Workshop Cycles, Paper Architecture and Design Paramétric, Lviv Polytechnic National University Architectural Departement, Ukraine, Infinity Mobility Program, 18, 19 de maio de 2015	KONG, Mário S. Ming; JANUÁRIO, Pedro Gomes; REMESHYLO-RYBCHYNSKA, Oresta (2015) – “Architectura em Papel e Design Paramétrico / Paper Architecture and Paramétric Design / Lviv Polytechnic Publishing House, Lviv., pp.108, ISBN: 978-617-607-787-9	
165	BASTO FERNANDES Vitor Manuel	Portugal	Lviv Polytechnic National University (Faculty of Architecture)	1 month		Computer Science					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
166	RODRIGUES Pedro	Portugal	Georgian Technical Univerity	1 month		Architecture					
167	ALEIXO FIGUEIRAS DOS SANTOS Ana Marta	Portugal	Azerbaijan State Agricultural University	1 month		International Relations					
168	KIKALISHVILI Liana	Georgia	Faculty of Architecture, University of Lisbon	1 month		International Relations					
169	COSTA BERNARDINO Fábio Micael	Portugal	Georgian Technical Univerity	1 month		International Law					
170	KARNEYEU Andrei	Belarus	University of Nova Gorica	1 month		Physics					
171	KOBAKHIDZE Marine	Georgia	University of Nova Gorica	1 month		Food Science and Technology					
172	AVETISYAN Nazeli	Armenia	Polytechnic Institute of Leiria	1 month		Business Studies, Management Science					
173	SHARABURKA Alena	Belarus	University of Nova Gorica	1 month		Trade, Marketing and Sales Management					
174	YEUSEYENKA Ihar	Belarus	Polytechnic Institute of Leiria	1 month		Computer Science					
175	ALIAKSANDRAU Anatol	Belarus	VŠB - Technical University of Ostrava	1 month		Business Studies					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
176	CHAPICHADZE Khatuna	Georgia	VŠB - Technical University of Ostrava	1 month		Political Science		6th International Week in Ostrava. October 12 – 16, 2015. http://gtu.ge/Eng/News/?ELEMENT_ID=5627			
177	COSCIUG Cristina	Moldova	Estonian University of Life Sciences	1 month		Tourism, Catering, Hotel Management					
178	FURTUNA Natalia	Moldova	Estonian University of Life Sciences	1 month		Food Science and Technology					
179	ŠVEC Pavel	Czech Republic	Gyumri State Pedagogical Institute	1 month		Geography					
180	SLAVATA David	Czech Republic	Mingachevir State University	1 month		Economics					
181	KOLCUNOVA Eva	Czech Republic	Gyumri State Pedagogical Institute	1 month		Economics					
182	SAFONOVA Anastassia	Estonia	Belarusian State Technological University	1 month		Communication and Information Sciences					
183	BENTO Elisa	Portugal	Agricultural University of Georgia	1 month		Public Relations, Publicity, Advertising					

III INFINITY

OUTCOME PER PARTNER

INSTITUTION

1 - Faculty of Architecture, Lisbon University

COORDINATION INSTITUTION

• **Agreements signed with INFINITY's partnership or other institutions:**

In the frame of the Erasmus+ programme, **FAUL** has signed **Bilateral Agreements** with:

- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine).
- Yerevan State University of Architecture and Construction (Armenia)

• Faculty of Architecture of the University of Lisbon is Coordinator of the TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) with the following INFINITY partners:

- Georgian Technical University (Georgia)
- Technical University of Moldova (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• Faculty of Architecture of the University of Lisbon has submitted Erasmus+ KA2 project “PLATFROM” with following INFINITY partners:

- University of Nova Gorica (Slovenia)
- Georgian Technical University (Georgia)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• **Number of all outgoing mobilities**

Undergraduate: 0

Master: 02

Doctorate: 03

Post-Doctorate: 0

Academic Staff: 03



Faculty of Architecture, Lisbon University

- **Number of all incoming mobilities (per type)**
 - Undergraduate: 13
 - Master: 08
 - Doctorate: 11
 - Post-Doctorate: 02
 - Academic staff: 04
- **Number of Master Diplomas issued: 2**
- **Number of Master Diplomas in preparation: 4**
- **Others**
 - The incoming students had the possibility to follow other subjects from different courses from other schools of University of Lisbon.
 - The majority of the incoming students followed the Portuguese Language Course

2 - VŠB - Technical University of Ostrava (Czech Republic)

- **Agreements signed with INFINITY's partnership or other institutions:**
- **Erasmus+ Credit Mobility cooperation:**
 - Georgian Technical University, Georgia
 - Gyumri State Pedagogical Institute (now Shirak State University)
 - Technical University of Moldova
- **Erasmus+ bilateral agreement with Programme countries:**
 - Estonian University of Life Sciences
- **Bilateral agreements with non-EU partners:**
 - MoU and Exchange Agreement with Georgian Technical University
- **Number of all outgoing mobilities: (per type) 3**
 - Undergraduate: 0
 - Master: 0
 - Doctorate: 0
 - Post-Doctorate: 0
 - Academic Staff: 03
- **Number of all incoming mobilities : 41**
 - Undergraduate: 23
 - Master: 13
 - Doctorate: 03
 - Post-Doctorate: 0
 - Academic staff: 2
- **Number of Master diplomas issued: 6**



3 - Estonian University of Life Sciences (Estonia)

- **Agreements signed with INFINITY ‘s partnership or other institutions:**
- **Erasmus+ Credit Mobility cooperation:**
 - Agricultural University of Georgia , Georgia
 - Georgian Technical Univerity, Georgia
 - The State Agrarian University of Moldova, Moldova
- **Erasmus+ bilateral agreement with Programme countries:**
 - VŠB - Technical University of Ostrava, Czech Republic
 - University of Lisbon, Portugal
- **Bilateral agreements with non-EU partners:**
 - Belarusian State Technological University, Belarus
 - Agricultural University of Georgia , Georgia
 - The State Agrarian University of Moldova, Moldova
- **Number of all outgoing mobilities (per type)**
 - Bachelor
 - Master
 - Doctorate: 1
 - Staff: 1
- **Number of all incoming mobilities (per type)**
 - Bachelor: 7
 - Master: 4
 - Doctorate: 6
 - Postdoctorate: 3
 - Staff: 4
- **Number of Diplomas issued: 3**

4 - Polytechnic Institute of Leiria (Portugal)

- Agreements signed with INFINITY’s partnership or other institutions:**
- Memorandum of Understanding (MoU) signed with Faculty of Architecture - University of Lisbon within the Rethink - Reform of Education Thru International Knowledge Exchange;
 - Consortium Agreement signed with University of Nova Górica within the project BoB - Balancing on the Border;
 - MoU with Azerbaijan State Agricultural University
 - MoU with Donbas National Academy of Civil Engineering and Architecture
 - MoU with Donetsk State University of Management
 - MoU with Polotsk State of University
 - MoU with O.M. Beketov National University of Urban Economy in Kharkiv
- **Projects submitted with INFINITY partnership or other partners:**
- **Rethink - Reform of Education Thru International Knowledge Exchange** (Faculty of Architecture - University of Lisbon as Coordinating Institution; Georgian Technical University as Partner Institution; Technical University of Moldova as Partner Institution; Donbas National Academy of Civil Engineering and Architecture as Partner Institution; Donetsk National Technical University as Partner Institution) – Project submitted in 2013 and it was approved;
 - **BoB - Balancing on the Border** (University of Nova Górica as Lead Institution) - Project submitted in 2014 and it was approved;
 - **SPN - Water Management European Practice Knowledge Framework** (Lviv Polytechnic National University as Lead Institution) - Project submitted in 2016 but not approved.
- **Number of all outgoing mobilities (per type): 4**
 - Undergraduate: 0
 - Master: 0
 - Doctorate: 0
 - Postdoctorate: 0
 - Staff: 4
- **Number of all incoming mobilities (per type): 30**
 - Undergraduate: 4
 - Master: 12
 - Doctorate: 3
 - Postdoctorate: 4
 - Staff: 7



5 - University of Nova Gorica (Slovenia)

• **Agreements signed with INFINITY’s partnership or other institutions:**

- Cooperation Agreements:
 - Azerbaijan State Agricultural University (ADAU), Azerbaijan
 - Mingachevir Polytechnic Institute, Azerbaijan
 - O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine
- Erasmus+ Inter-institutional agreements between Programme and Partner Countries:
 - Yerevan State University, Armenia
 - Azerbaijan State Agricultural University (ADAU), Azerbaijan
 - Belarusian-Russian University, Belarus

• **Projects submitted with INFINITY partnership or other partners:**

- Erasmus+, Call: 2015, KA1 - Learning Mobility of Individuals, Higher education student and staff mobility between Programme and Partner Countries (Yerevan State University (YSU), Armenia, Azerbaijan State Agricultural University (ASAU), Azerbaijan, O.M. Beketov National University of Urban Economy, Ukraine)
- Erasmus+, Call: 2016, KA1 - Learning Mobility of Individuals, Higher education student and staff mobility between Programme and Partner Countries (Yerevan State University (YSU), Armenia, Gyumri State Pedagogical Institute, Armenia, Azerbaijan State Agricultural University (ASAU), Azerbaijan, O.M. Beketov National University of Urban Economy, Ukraine, Donetsk National University, Ukraine)
- Approved mobility project: Azerbaijan State Agricultural University (ASAU), Azerbaijan
- Erasmus+, Call: 2017, KA1 - Learning Mobility of Individuals, Higher education student and staff mobility between Programme and Partner Countries (Yerevan State University (YSU), Armenia, Azerbaijan State Agricultural University (ASAU), Azerbaijan, O.M. Beketov National University of Urban Economy, Ukraine)
- Erasmus+, Call: 2017, KA2 - Capacity building in the field of higher education, PLATFORM - Partners’ aLliAnce Toward reFORM – PLATFORM (Coordinator: Faculty of Architecture, University of Lisbon)

• **Number of all incoming mobilities (per type): 31**

Undergraduate: 6
Master: 6
Doctorate: 5
Post-Doc: 9
Staff: 5

• **Number of Diplomas issued: 4**

6 - Shirak State University (Armenia)

• **Projects submitted with INFINITY’s partnership or other partners:**

1 mobility project with the University of Nova Gorica

• **Number of all outgoing mobilities (per type): 10**

Undergraduates: 2
Master: 3
Doctorate: 3
Post-doctorate: 1
Staff: 1

• **Number of all incoming mobilities (per type):**

• **Academic staff: 1**

• **Number of Diplomas issued: 2** (1 with honours)

• **Others:** 2 conference participation, 3 awards



7 - Yerevan State University of Architecture and Construction (Armenia)

• **Agreements signed with INFINITY’s partnership or other institutions:**

- NUACA and Lisbon University in frame of ERASMUS+ KA1 (Exchange of students, teachers etc).
- NUACA and Technical University of Ostrava

• **Number of all outgoing mobility (per type): 15**

Underground students: 5
Master students: 4
PhD students: 3
Post Doc: 1
Staff (teachers): 2

8 - Azerbaijan State Agricultural University (Azerbaijan)

• **Agreements signed with INFINITY partnership or other institutions:**

- Slovenia, Nova Gorica University - Bilateral agreement and Erasmus +
- Leiria Polytechnic Institute bilateral agreement

• **Number of all outgoing mobilities:**

Undergraduates: 2
Master: 3
Staff: 1

• **Number of all incoming mobilities (per type):**

- Academic staff: 1



9 - Mingachevir State University (Azerbaijan)

- **Agreements signed with INFINITY partnership or other institutions:**
 - Bilateral Agreement between Mingachevir Polytechnical Institute and University of Nova Gorica (Slovenia)
- **Projects submitted with INFINITY partnership or other partners:**
 - Erasmus+ /KA1, between Mingachevir State University and University of Nova Gorica (Slovenia) (waiting for result)
- **Number of all outgoing mobilities (per type):**
 - Undergraduates: 3
 - Master: 3
 - Staff: 1
- **Number of all incoming mobilities (per type)**
 - Academic staff: 2
- **Number of Diplomas issued: 2**

10 - Belarusian-Russian University (Belarus)

- **Agreements signed with INFINITY partnership or other institutions:** 0
- **Projects submitted with INFINITY partnership or other partners:** 0
- **Number of all outgoing mobilities (per type): 6**
 - Undergraduates: 2
 - Master: 1
 - Staff: 3
- **Number of all incoming mobilities (per type):**
 - Academic staff: 1



11 - Belarusian State Technological University (Belarus)

• Agreements signed with INFINITY partnership or other institutions: 2

- Estonian University of Life Sciences
- Georgian Technical University

• Projects submitted with INFINITY partnership or other partners: 1

- Estonian University of Life Sciences Erasmus+ KA1 Credit mobility

• Number of all outgoing mobilities (per type):

Master: 2

• Number of all incoming mobilities (per type):

Doctorate: 1
Staff: 1

12 - Agricultural University of Georgia (Georgia)

• Agreements signed with INFINITY partnership or other institutions:

- Erasmus+ Credit Mobility cooperation and bilateral agreement with Estonian University of Life Sciences

• Number of all outgoing mobilities:

Undergraduate: 11
Master 2

• Number of all incoming mobilities:

- Academic staff: 2

• Number of Diplomas issued: 3



13 - Georgian Technical University (Georgia)

- **Agreements signed with INFINITY partnership or other institutions:**
 - ERASMUS + International Credit Mobility (inter-institutional agreement) with INFINITY's partnership:
1 project: Estonian University of Life Sciences (Estonia)
 - ERASMUS + International Credit Mobility (inter-institutional agreement) with other institutions:
17 ongoing projects; 23 projects submitted
 - ERASMUS + Capacity-building projects in the field of higher education with other institutions:
1 ongoing project; 9 projects submitted
- **Memorandums of Understanding with INFINITY's partnership:**
 - Technical University of Ostrava, Czech Republic
 - Belarusian State Technological University, Belarus
 - Donetsk National Technical University, Ukraine
- **Projects submitted with INFINITY partnership or other partners:**

Projects submitted with INFINITY's partnership:
Tempus project RETHINK - Lisbon Technical University/Faculty of Architecture and Alecu Russo Balti State University
- **Projects submitted with other partners:**

ERASMUS MUNDUS Projects – 4 projects; TEMPUS Projects – 6 projects; ERASMUS+ Key Action 1 Projects – in preparation / submitted up to 23 projects; ERASMUS+ Key Action 2 Projects – in preparation / submitted up to 9 projects; FP7 Projects – 6 projects
- **Number of all outgoing mobilities (per type)**

Undergraduates: 2
Master: 3
Doctorate: 1
Post Doctorate: 1
Academic/administrative staff: 3
- **Number of all incoming mobilities (per type)**

Doctorate: 1
Academic/administrative staff: 2
- **Number of Master diplomas issued: 5**

14 - State Agrarian University of Moldova (Moldova)

- **Agreements signed with INFINITY partnership or other institutions:**
 - University of Applied Science from Estonia
 - Azerbaijan State Agricultural University
 - Kharkiv National University
- **Projects submitted with INFINITY partnership or other partners:**

Erasmus+ project with University of Applied Science from Estonia
- **Number of all outgoing mobilities (per type):**

Undergraduate: 2
Master: 1
Doctorate: 1
Post-doctorate: 1
Staff: 3



15 - Technical University of Moldova (Moldova)

• **Agreements signed with INFINITY partnership or other institutions:**

In the frame of the Erasmus+ programme, TUM has signed Agreements with:

- VŠB - Technical University of Ostrava (Czech Republic)

• **Projects submitted with INFINITY partnership or other partners:**

TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) - (Faculty of Architecture – University of Lisbon as Coordinating Institution; Georgian Technical University as Partner Institution; Technical University of Moldova as Partner Institution; Donbas National Academy of Civil Engineering and Architecture as Partner Institution; Donetsk National Technical University as Partner Institution) – Project submitted in 2013 and it was approved.

• **Number of all outgoing mobilities (per type)**

Undergraduates: 3
Master: 4
Doctorate: 0
Post Doctorate: 1
Academic/administrative staff: 1

• **Number of all incoming mobilities (per type)**

Doctorate: 1

16 - Donbas National Academy of Civil Engineering and Architecture - DNACEA (Ukraine)

• **Agreements signed with INFINITY’s partnership or other institutions:**

In the frame of the Erasmus+ programme, DNACEA has signed Bilateral Agreements with:

- Faculty of Architecture, University of Lisbon, Portugal

• **Faculty of Architecture of the University of Lisbon is Coordinator of the TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) with the following INFINITY partners:**

- Georgian Technical University (Georgia)
- Technical University of Moldova (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• **Faculty of Architecture of the University of Lisbon has submitted Erasmus+ KA2 project “PLATFROM” with following INFINITY partners:**

- University of Nova Gorica (Slovenia)
- Georgian Technical University (Georgia)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• **Number of all outgoing mobilities (per type):**

Undergraduate: 0
Master: 3
Doctorate: 0
Post-doctorate: 1
Staff: 1



17 - Donetsk National Technical University – DNTU (Ukraine)

• Agreements signed with INFINITY’s partnership or other institutions:

In the frame of the Erasmus+ programme, DNTU has signed Bilateral Agreements with Faculty of Architecture, University of Lisbon, Portugal

• Faculty of Architecture of the University of Lisbon is Coordinator of the TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) with the following INFINITY partners:

- Georgian Technical University (Georgia)
- Technical University of Moldova (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• Faculty of Architecture of the University of Lisbon has submitted Erasmus+ KA2 project “PLATFROM” with following INFINITY partners:

- University of Nova Gorica (Slovenia)
- Georgian Technical University (Georgia)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• Number of all outgoing mobilities (per type): 8

Undergraduate: 03
Master: 02
Doctorate: 01
Staff: 02

18 - Kharkiv National University of Civil Engineering and Architecture (Ukraine)

• Agreements signed with INFINITY partnership or other institutions:

2 agreements (Partnership Agreement with University of Lisbon)
Agreement with VSB-Technical University of Ostrava within the framework of Georgius Agricola Scholarship Program)

• Projects submitted with INFINITY partnership or other partners: 0

• Number of all outgoing mobilities (per type):

Undergraduate: 5
Master: 2
Doctorate: 3
Post-Doctorate: 1



19 - Lviv Polytechnic National University, Architectural Department (Ukraine)

- **Agreements signed with INFINITY’s partnership or other institutions:** 0
- **Projects submitted with INFINITY partnership or other partners:** 1
Estonian University of Life Sciences (in process)
- **Number of all outgoing mobilities:** 11
Undergraduate: 04
Master: 01
Doctorate: 05
Post-Doctorate: 00
Academic Staff: 01
- **Number of all incoming mobilities (per type):** 6
Undergraduate: 02
Master: 00
Doctorate: 01
Post-Doctorate: 00
Academic staff: 03
- **Others:**
 - The incoming students had the possibility to follow other subjects from different courses in Lviv Polytechnic National University
 - The majority of the incoming students followed Ukrainian Language Course

20 - O.M. Beketov National University of Urban Economy (Ukraine)

- **Agreements signed with INFINITY partnership or other institutions:**
 - University of Nova Gorica
 - University of Lisbon
 - Polytechnic Institute of Leiria
- **Projects submitted with INFINITY partnership or other partners:**

As a partner of the project:
Faculty of Architecture of the University of Lisbon has submitted Erasmus+ KA2 project “PLATFROM” with following INFINITY partners:

 - University of Nova Gorica (Slovenia)
 - Georgian Technical University (Georgia)
 - Donbas National Academy of Civil Engineering and Architecture (Ukraine)
 - Donetsk National Technical University (Ukraine)
 - O.M. Beketov National University of Urban Economy in Kharkiv
- Within Erasmus+ KA1 –credit mobility exchanged students with:**
 - VŠB – Technical University of Ostrava (Czech Republic) in 2016
- Have applied for 2017 with:**
 - University of Nova Gorica (Slovenia)
 - Estonian University of Life Sciences (Estonia)

Together with VŠB - Technical University of Ostrava applied for TEMPUS project UrboEco - 561828-EPP-1-2015-1-DE-EPPKA2-CBHE-JP

- **Number of all outgoing mobilities (per type):**
Undergraduate: 7
Master: 1
Doctorate: 3
Post-Doc: 5
Staff: 2
- **Number of all incoming mobilities (per type)**
Doctorate: 1

IV INFINITY

CONCLUSION

The past three years of coordinating a INFINITY project have been an immense challenge full of surprises, full of unknowns but at the same time, full of endeavours. Indeed, the INFINITY Project has had a significant impact for the Higher Education Institutions of the Third Countries (lot 5) not just through its mobility component – that the project naturally promoted - but also because it focused on the sustainability of the multilateral ties that have resulted, such as more than 30 bilateral & cooperation: agreements between the INFINITY partners:

- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine).
- Yerevan State University of Architecture and Construction (Armenia)

- Georgian Technical University (Georgia)
- Technical University of Moldova (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

- University of Nova Gorica (Slovenia)
- Georgian Technical University (Georgia)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

- Georgian Technical University, Georgia
- Gyumri State Pedagogical Institute (now Shirak State University)
- Technical University of Moldova

- Agricultural University of Georgia , Georgia
- Georgian Technical Univerity, Georgia
- The State Agrarian University of Moldova, Moldova
- VŠB - Technical University of Ostrava, Czech Republic
- Belarusian State Technological University, Belarus
- Agricultural University of Georgia , Georgia
- The State Agrarian University of Moldova, Moldova
- University of Lisbon, Portugal

- MoU with Azerbaijan State Agricultural University
- MoU with Donbas National Academy of Civil Engineering and Architecture



Professor Otar Zumburidze and Professor Oksana Turchanina
at the Georgia Technical University partner in TEMPO,
INFINITY & RETHINKe projects (Georgia)

- MoU with Donetsk State University of Management
- MoU with Polotsk State of University
- MoU with O.M. Beketov National University of Urban Economy in Kharkiv

- Azerbaijan State Agricultural University (ADAU), Azerbaijan
- Mingachevir Polytechnic Institute, Azerbaijan
- O.M. Beketov National University of Urban Economy in Kharkiv, Ukraine

- Yerevan State University, Armenia
- Azerbaijan State Agricultural University (ADAU), Azerbaijan
- Belarusian-Russian University, Belarus

There have been good results concerning the Recognition of Study: Full Master Diplomas issued to the INFINITY grantees, and more than 35 scientific articles published with the co-authoring of the INFINITY grantees, as well as a several books.

In addition, the INFINITY Project (3.2 million euros budget) gave us the understanding of how to conceive and how to manage winning proposals. As such, we responded to another call from EACEA and applied with the RETHINKe Project. Indeed, the RETHINKe project (1.3 million euros budget) – TEMPUS* programme of the EU (Coordinator – Prof. Oksana Turchanina).

*The TEMPUS programme is very coveted by European universities and from the 930 proposals only 160 were selected for funding, including the RETHINK project. With a budget of 1.3 million euros the RETHINK project will allow the consortium – coordinated by FAUL – to reinvent and to redefine academic curricula within the partner universities.

The objectives of the RETHINKe project

The acronym of RETHINKe stands for: Reform of Education THru INternational Knowledge exchange – this project intends to link the United Nations strategy of Education for Sustainable Development, the “Europe 2020” strategy, and the Bologna Process with the TEMPUS’ programme objectives for Modernisation of Higher Education Institutions (HEI) in the EU’s neighbouring area. In line with the strategies mentioned above and from the Regional Priorities list - for the Eastern Neighbouring Area (ENPI East) - the ENVIRONMENT was the selected priority for the RETHINK project; however, the underlying theme of the RETHINK project is new, inclusive whereby ENVIRONMENT and SUSTAINABILITY are intertwined with BUSINESS and EDUCATION. In fact, the RETHINK project encompasses these two themes, and also integrates the concept of the knowledge triangle “education/ research/innovation” from an environmentally sustainable perspective. The project RETHINK intends to rethink the curricula of the partner HEIs -in the priority area of ENVIRONMENT - through the development of innovative Joint (Masters and PhD) Degrees in the fields of:

- 1 - Architecture, Urban planning and Civil Engineering
- 2 - Climate Engineering/Environmental Sciences.

These degrees will encompass a “CO2RETHINK” component and an “Innovation/Entrepreneurship” component within a transdisciplinary framework. By refocusing the role of planning regarding CO2 emissions and CO2 management, RETHINK’s new curricula aims at contributing to global warming mitigation and to the reduction of Green House Gases.



RETHINKe - REFORM OF EDUCATION THRU INTERNATIONAL KNOWLEDGE EXCHANGE



In any case, below is a letter from the Coordinator of another Erasmus Mundus project, in which it is referred that the EACEA in Brussels had suggested this Coordinator to contact us for guidance and advice in the implementation of her project. Indeed, the knowledge gained in the past 3 years has allowed us to understand and deal with the immense complexities of handling these projects.

Estimado Professor Antonio CastelBranco,

Na qualidade de coordenadora do programa Erasmus Mundus MFamily, começo por lhe agradecer as nossas conversações telefónicas e os seus preciosos esclarecimentos sobre o processo de contratação de seguros com a empresa Dr Walter, a qual me havia indicado o seu contacto e referido a frutífera cooperação que têm estabelecido no âmbito dos programas europeus TEMPO e INFINITY que o Professor coordena.

Nesse seguimento, gostaria de lhe solicitar que, com a brevidade que lhe seja possível, me receba na sua universidade e me ponha em contacto com os serviços administrativo-financeiros de quem recebe apoio à gestão destes programas, designadamente a nível de aquisição de serviços.

A razão deste meu pedido prende-se com a necessidade de melhor conhecer procedimentos bem sucedidos quanto à contratação e pagamento de serviços de seguros a uma empresa não sediada em Portugal, sem que tais serviços sejam onerados das elevadas taxas a que, segundo indicação obtida na minha universidade, transações internacionais devem estar sujeitas.

Apelo à sua gentil colaboração nos moldes em que a própria EACEA/Comissão Europeia sugeriu quando do início da minha coordenação deste programa Erasmus Mundus, no sentido de seguirmos as boas práticas e os procedimentos mais adequados já testados por outras universidades nacionais com programas europeus similares, como é o seu caso, assegurando deste modo a melhor gestão possível dos programas por que somos responsáveis.

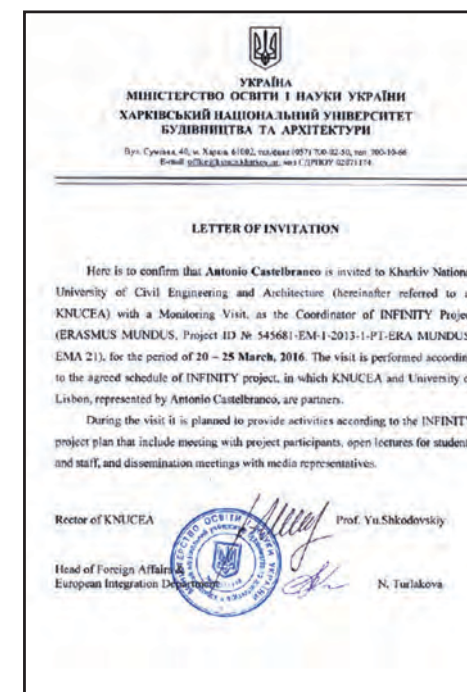
Agradeço antecipadamente o seu bom acolhimento para esta minha solicitação e apresento saudações cordiais

Maria das Dores Guerreiro
Coordenadora Erasmus Mundus MFamily
Professora do Departamento de Sociologia
Escola de Sociologia e Políticas Públicas
Instituto Universitário de Lisboa (ISCTE-IUL)



Due to sound management, a well-organized structure, and good financial monitoring the Faculty of Architecture has become unique in the panorama of Portuguese colleges. This new panorama has encouraged the professors and researchers of the Faculty of Architecture to reciprocate by showing their ability to invent, to propose and to coordinate projects from the European Commission.

For example, during the implementation of these projects, we have always tried to minimize expenses and to maximize outcomes. Namely, by doing monitoring visits to our partners, and at the same time doing promotion and media events in order to divulge our projects. For example, during INFINITY's second call, **we had over 840 applicants for less than 70 remaining scholarships**, this proves the effectiveness of this dissemination strategy.



Personal invitation letters from the Rectors in Kharkov



However, in order for this strategy to be effective it is necessary ensure total coordination with the Rectors, and the local Coordinators of INFINITY. Photo below: meeting with the Professor Vlodymyr Babayev Rector of Bektov National University of Urban Economy, Khakiv (Ukraine)



Poster for the lecture in Kharkov

Since 2013, we have been invited to be present at several conferences at our Partner Universities, from Azerbaijan to Moldavia, these have been very useful in order to share and to promote our projects.

In addition to the international visibility that the INFINITY Project has had, it is also relevant to mention that the University of Nova Gorica in Slovenia received high ratings due to its participation in INFINITY. In a message from the Vice Rector Mladen Franko he stated that:

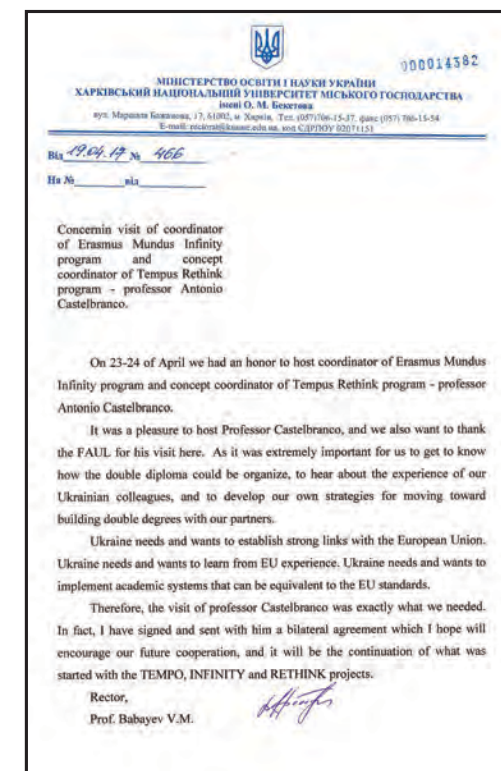
“The reason for our very successful rating is strong devotion to high quality in research fields which we are developing. The three strategic ones are Material sciences, Environmental Sciences and Biomedical engineering. We have very limited activity in the areas, which are (at least in Slovenia) very low in scientific production (humanities, social sciences, economy). All faculty members can be engaged only 50% of their time as teachers, the rest they have do research and also must find their own funding grants for it. All our calls for positions are international.

INFINITY is particularly important for our scoring in the category “International orientation”, since it has provided a large portion (about 20%) of our international student body in the period 2014-2016. Among INFINITY fellows at UNIVERSITY OF NOVA GORICA there were also excellent PhD students and post docs, who will contribute also to our score in the category “Research” since publications of their research results are expected in highly ranked scientific journals”.

Thus, the INFINITY Project was instrumental for the University of Nova Gorica in obtaining the highest rating in scientific impact

At a promotion conference in Kharkov, the press reported that:

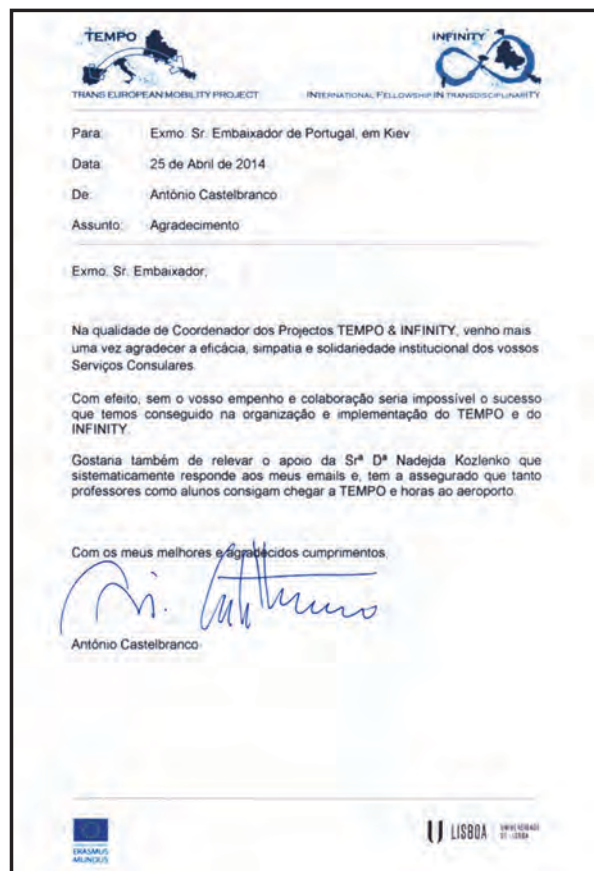
“Antonio Castelbranco’s main message was: the urgent need of creating and developing a useful common language within the European continent; namely, an ACADEMIC LANGUAGE that unifies all those who work with the academic credits, and in particular with the ECTS system (...)”
Because above all, *“our universities are here to be useful to our students, and to help ensure their employability”*, emphasized Prof. Castelbranco, *“and that means that we all need to be more connected, we all need to communicate more effectively, and in fact, these are the principal objectives of our projects”.*



Thank you letter from the Rector of Beketov National University of Urban Economy, Kharkiv (Ukraine), Professor Vlodymyr Babayev



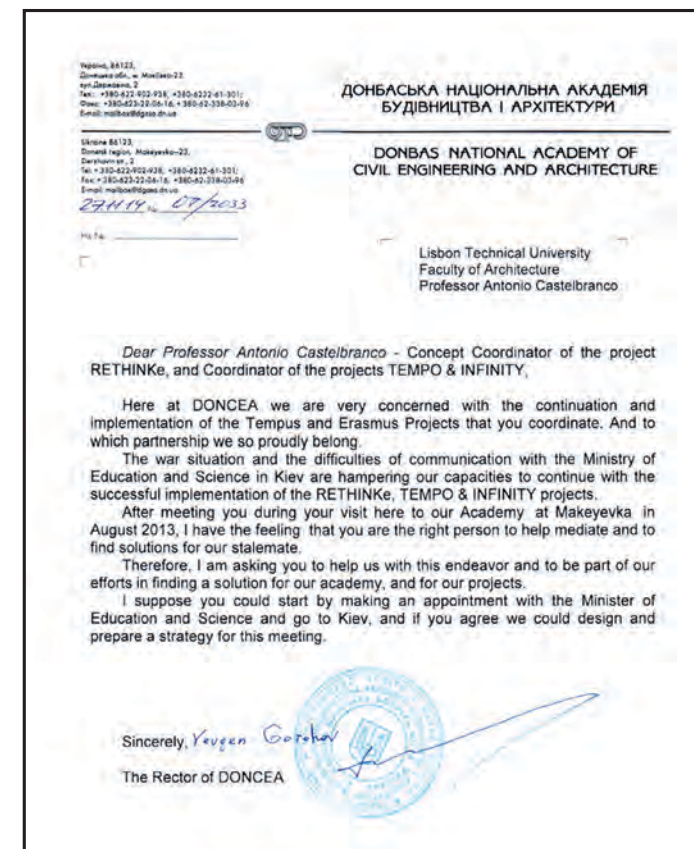
In the photo (from left to right): Serhiy Volodymyrovych Kolesnichenko (Vice Rector for International Activities); Ihor Viktorovych Tochonov (Vice Rector for Financial and Scientific Activities of Donbas National Academy of Civil Engineering and Architecture); Antonio Castelbranco (Professor of the University of Lisbon; Coordinator of the TEMPO and INFINITY Projects); Ievhen Ivanovych Zbykovski (Head of the Department of Chemical Technology of Fuel of Donetsk National Technical University)



The Coordinator's message thanking the embassy and the ambassador in Kiev

On the other hand, the INFINITY Project is not immune to the upheavals of international affairs. Indeed, during the lifespan of INFINITY several events happened that affected its implementation. As mentioned, the ongoing war in Eastern Ukraine which resulted in the splitting apart of 2 of our partners (DONTU and DNACEA) and the inevitable relocation of part of their staff and facilities into the non-militarily occupied area. This, in turn, created serious difficulties for us, as the co-coordinator of INFINITY was DNACEA. In addition, before the war, all our eastern grantees were going to the Portuguese embassy in Kiev in order to obtain their visas, but this procedure was also cancelled. As a result, the INFINITY Coordination has had to deal with a much more complex, time consuming and expensive visa procedure for our grantees.

But the relationship that was developed between the Coordinator of INFINITY and the Portuguese Ministry of Foreign Affairs and the Portuguese Embassy in Kiev were very useful in order to speed up the issuing of visas.



The letter from the Rector of Donbas National Academy of Civil Engineering and Architecture (Ukraine)

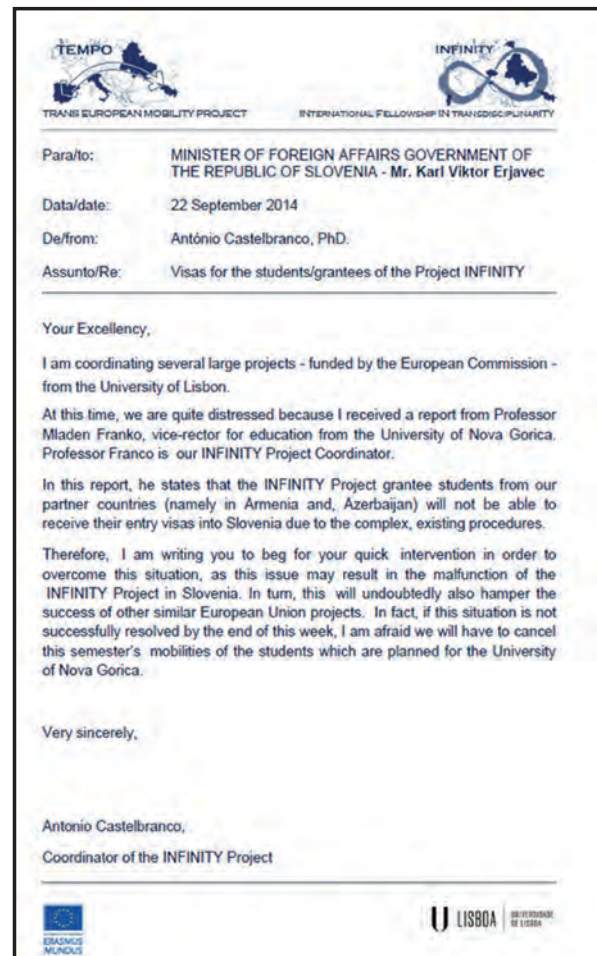
As a result of the war and the consequent separation of Eastern Ukraine our Donetsk partner universities were themselves split.

The split within the universities that stayed in Donetsk and the ones that were moved out of the separatist territories prompted the Rector of Donbas National Academy of Civil Engineering and Architecture to request our assistance in mediating the situation.

The Rector's words were premonitory of what was to come:

“Here at DONCEA we are very concerned with the continuation and implementation of the Erasmus Projects that you coordinate. And to which partnership we so proudly belong. The war situation and the difficulties of communication with Kiev are hampering our capacities to continue with the successful implementation of the TEMPO & INFINITY projects”.

Unfortunately, the scale of the conflict was too large and beyond our possibilities to make an immediate difference. As such, these 2 universities were indeed separated, and only the time will tell if this separation will be temporary or permanent. However, at the start of INFINITY the war in Ukraine and this outcome were completely unforeseen.

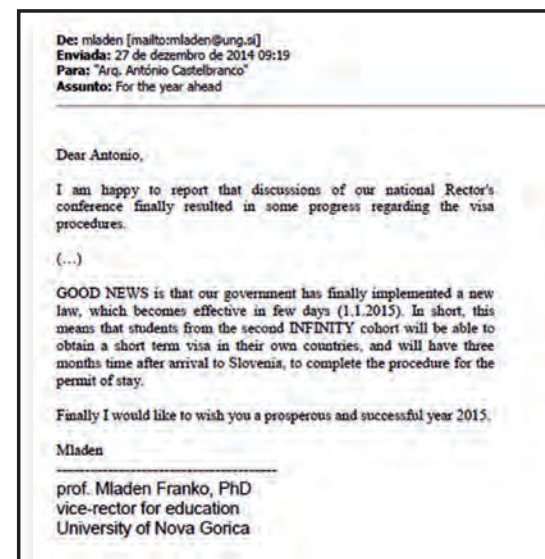


Letter to the Ministry of Foreign Affairs of Slovenia

In any case, in the process of implementing the INFINITY Project, we helped change the visa procedures for foreign students going to Slovenia.

“During the project implementation we faced difficulties due to slow long-term Visa (permission of stay) procedures for INFINITY students, which resulted in the later arrival of some students (...). With 1st of January 2015 this procedure has already been simplified by the change of national regulations and will no longer be an obstacle in implementation of the project since all INFINITY students shall be able to obtain their visa in their home country in a single day”.

Indeed, the Project Coordinator personally this process by writing to the Ministry of Foreign Affairs of Slovenia and we consider these results as a success of INFINITY.



Email from the vice-rector for Education of University of Nova Gorica

In sum, since the start of the INFINITY Project, we believe that we strived to achieve the highest goals of the Erasmus Mundus Program and of EACEA by helping in the construction of bridges of understanding, and by establishing a common language within the INFINITY partnership. Thus paving the way to more than 30 bilateral and cooperation agreements between the INFINITY partners.

Which in turn will bring more agreements and closer ties between Western and Eastern Europe.



Professor João Pardal Monteiro, President of the Faculty of Architecture University of Lisbon and Professor Iaroslav Liashok, Rector of the Donetsk National Technical University (Ukraine)



EPYLOG

On a personal level, the coordination of these projects has been a 24 hour, 365 day a year responsibility, which implies an exhausting, and continuous state of alertness. From our experience and in terms of the difficulties in coordinating and implementing these projects, the human factor has been clearly the most difficult aspect to deal with. The problems arise from the recognition of such coveted achievements; the large amounts involved which are both intimidating and desired. On a different level, a small percentage of grantees generated large amounts of work due to their misinterpretation of the complex rules, or due to their inability to adapt to new environments and unfamiliar situations. In these cases the procedure to overcome the problems must be holistic in its approach of finding solutions. Therefore, it is essential to distinguish between the fundamental and the non-fundamental problems in order to stay on course.

However, in terms of the academic career progression, being the coordinator of the TEMPO & INFINITY Projects have had no value or weight. In the case of the University of Lisbon the – where I am a professor, I was surprised with this fact, which I believe to be prejudicial to the grand objectives of a greater and unified system of Eastern and Western European Higher Education Institutions. As such, I wrote the message below - to the Head of Unit - in which I shared my opinion on this issue.

“*Dear Head of Unit,*

Recently, the Faculty of Architecture –University of Lisbon - opened a competition for 2 positions of Associate Professor. For the purpose of this competition, in my Curriculum Vitae, I presented my work as coordinator, and the work of implementation of the TEMPO, INFINITY and RETHINKe Projects (Erasmus Mundus and Tempus programs)

These 3 projects have been a huge personal/professional and academic challenge in the interest of a better European Union in which higher education, research and academic experience are playing a major role. Indeed, the success of the Bologna Agreement depends on the successful continuation of these types of projects.

However, the work I mentioned above was not considered of interest. Not worthy to be accounted for an academic promotion (from Auxiliary Professor to Associate Professor). I believe that this is an unfair situation in which EACEA ought to take a stance.

*Sincerely,
António Castelbranco”.*

Indeed, it is important to realize that there is a need to an academic recognition of those involved, because these projects have had and will continue to have a long-lasting, positive impact in the lives of all people involved. The knowledge gathered by the participants in INFINITY is providing practical results in terms of a better quality of life, a healthier environment through the sustainable development of their urban centers. It will take some time for all these players to work together, and for the results to start emerging, but they have learned the importance of trust, the importance of symbiotic relationships, and the need to build bridges. It is a sound strategy for sustainability in its widest meaning.

We believe that t was accomplished with the help of EACEA, and with the funding of the European Union Commission is the start of an important mission. This mission is about the building of a true European continent that begins in Georgia and that ends in Portugal (or vice-versa). The ingredients of this mission have been and should remain: trust, perseverance and hope.

For more information on ongoing Erasmus+ projects of the EACEA Agency you can find here:
http://eacea.ec.europa.eu/erasmus-plus_en

CREDITS

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