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Update: 31/03/2015

PROJECT GUIDE [PG]

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Pages: 16

Report: 1



EURASIACAT
Advanced Education
European-Asiatic Exchange
Programme in Materials
Science and Catalysis



01. BASIC INFORMATION

- **Programme:** Erasmus Mundus (EM)
- **Action / Strand / Lot:** EMA2 / S2 / LOT.03
- **Geographical Area:** EU + Hong Kong / Taiwan / Singapore / Macau
- **Levels:** MAS+PHD+POS+STA
- **Date (start):** 15/07/2014
- **Date (end):** 15/07/2018
- **Duration:** 48 months
- **Acronym:** EURASIACAT
- **Title:** EURASIACAT: Advanced Education European-Asiatic Exchange Programme in Materials Science and Catalysis
- **Coord. Institution:** Universidad de Malaga (UMA), ES
- **JC. Institution:** n/a
- **Thematic area(s):** Materials Science / Chemical Engineering
- **Budget:** 1,503,175 €
- **Objectives:**
 - EURASIACAT Network (EURASIACAT -N)
 - EURASIACAT Training Programme (EURASIACAT -TP)
 - Career center
 - Short traineeship period (STP)
 - Selecting the most talented individuals based on academic, professional and personal accumulated merits, so that they receive high-quality academic/professional training.

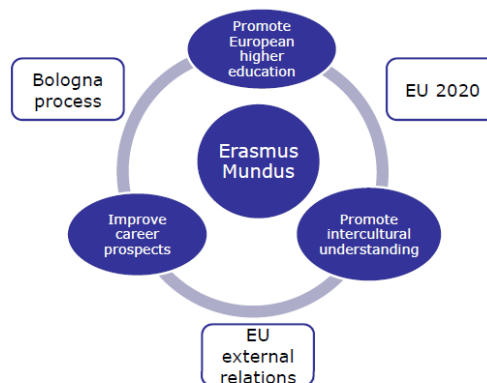
- **Partnership:**
 - EU-01. University of Malaga (UMA), ES - (Coord.)
 - EU-02. University of Twente (UTWENTE), NL
 - EU-03. Adam Mickiewicz University (AMU), PL
 - EU-04. Université Pierre et Marie Curie VI (UPMC), FR
 - EU-05. University of Trieste (UNITS), IT
 - TC-01. Hong Kong Univ. of Science and Technology (HKUST), HK
 - TC-02. National Tsing Hua University (NTHU), TW
 - TC-03. National Taiwan University (NTU), TW
 - TC-04. Nanyang Technological University (NTU), SG
 - TC-05. National University of Singapore (NUS), SG
 - TC-06. University of Macau (UMAC), MO
- **Associates:**
 - AS-01. Instituto de Catálisis y Petroleoquímica (ICP-CSIC), ES
- **Web**
 - <https://sites.google.com/site/emeurasiacat>

02. ERASMUS MUNDUS [EM]

Objectives:

- Enhance the quality of European HE through international co-operation
- Improve the development of human resources
- Promote dialogue and understanding between peoples and cultures
- Promote Europe as a centre of excellence in learning around the world

Policy context: programme aims:

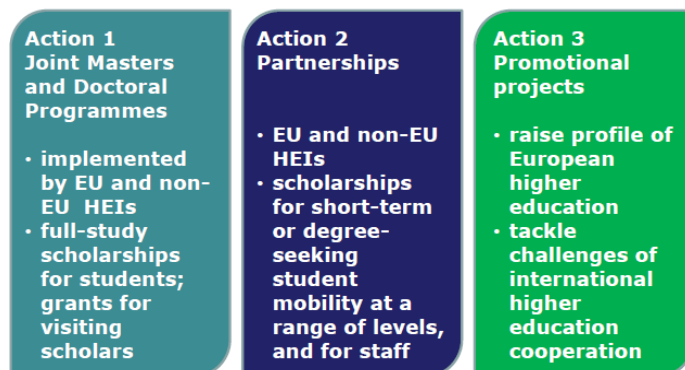


[1]



With the support of the Erasmus Mundus programme of the European Union
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Actions:



More info:

http://eacea.ec.europa.eu/erasmus_mundus/

03. PARTNERSHIP STRUCTURE

- **Coordinating institution (applicant).**
Overall project coordination and management.
Dedicated project unit (UIAC)
- **Full partners:** HEIs (may send/receive students/staff and shall issue academic diplomas/certifications)
- **Associated partners:** companies, chambers of commerce, public bodies, ministries, NGOs, etc. They cannot benefit from the grant. Role: project promotion, traineeships, exploitation of results, etc.

Associated partners' role:

- Promoting the project.
- Offering traineeships (1-3 months) at no cost ("salary" is covered by the project. Companies DO NOT have to pay salary/wage.
- Participating in the grantees' selection process (only for companies offering traineeships).
- Facilitating the process of obtaining the visa, etc.
- Dissemination/exploitation of results.
- Sustainability, etc.

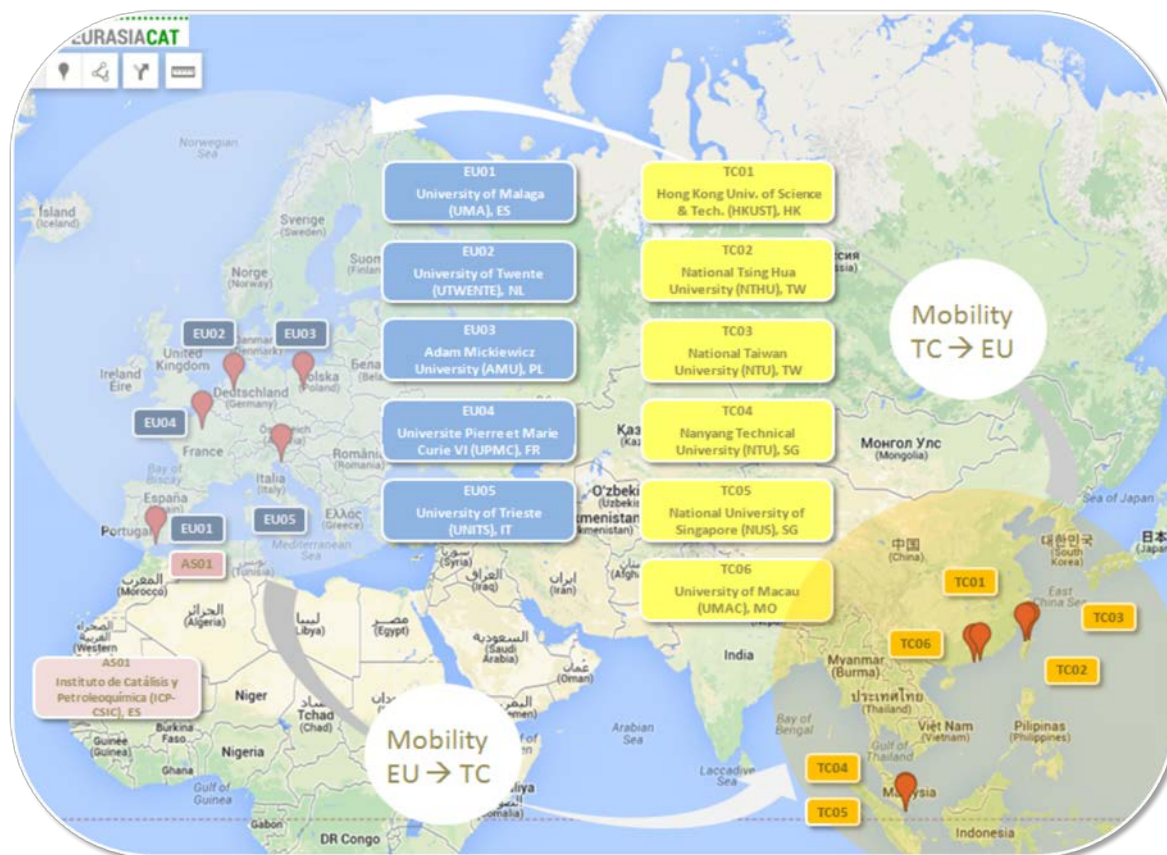
04. OBJECTIVES

- The EURASIACAT project aims at creating a solid and long-term sustainable network (EURASIACAT-N) of both EU and Asian institutions with the ultimate objective of fostering academic, cultural, social and economical links amongst all the involved stakeholders (partners, associates, grantees, local / regional / national administrations, networks and associations, Ministries of Education, Embassies / Consulates, companies, chambers of commerce, NGOs, etc.).
- The project is based upon 2 founding blocks:
 - ✓ **Mobility of individuals**
 - ✓ **Structured cooperation**
- Mobility will be inter-continental (not intra-continental)
 - ✓ EU ↔ TC supported
 - ✓ EU ↔ EU / TC ↔ TC not supported !!
- The goal is selecting the most talented individuals based on academic, professional and personal accumulated merits, so that they receive high-quality academic/professional training.
- Emphasis will be made on maximizing the actual employability of grantees, for which the so called EURASIACAT Training Programme (EURASIACAT-TP) has been set up.
- EURASIACAT-TP will offer grantees the following services:

Career center (CC) (constituted by the combination of local career centers at each partner, as well as key associates, will offer academic/professional advice along the project duration and beyond).

Short traineeship period (STP) (1-3 months) at a company, public body, NGO, etc. of choice, and in line with the specific professional profile of each grantee.

05. MOBILITY FLOWS



06. STUDY OFFER

				Thematic Fields						
				06.x		07.x		12.x	13.x	
ID	C	Institution	ACR	.2	.3	.7	.2	.5	.3	.9
EU-01	ES	University of Malaga	UMA		v	v				
EU-02	NL	University of Twente	UTWENTE	v	v					
EU-03	PL	Adam Mickiewicz University	AMU		v	v				
EU-04	FR	Universite Pierre et Marie Curie VI	UPMC		v				v	
EU-05	IT	University of Trieste	UNITS		v	v				
TC-01	HK	Hong Kong Univ. of Science and Technology	HKUST	v	v					
TC-02	TW	National Tsing Hua University	NTHU			v			v	
TC-03	TW	National Taiwan University	NTU		v		v			
TC-04	SG	Nanyang Technological University	NTU					v		v
TC-05	SG	National University of Singapore	NUS		v				v	
TC-06	MO	University of Macau	UMAC					v		v

06.0 Engineering, Technology

06.2. Electrical Engineering

06.3. Chemical Engineering

06.7. Materials Science

07.0. Geography, Geology

07.2. Environmental Sciences, Ecology

12.0. Medical Sciences

12.5. Pharmacy

13.0. Natural Sciences

13.3. Chemistry

13.9. Others-Natural Sciences

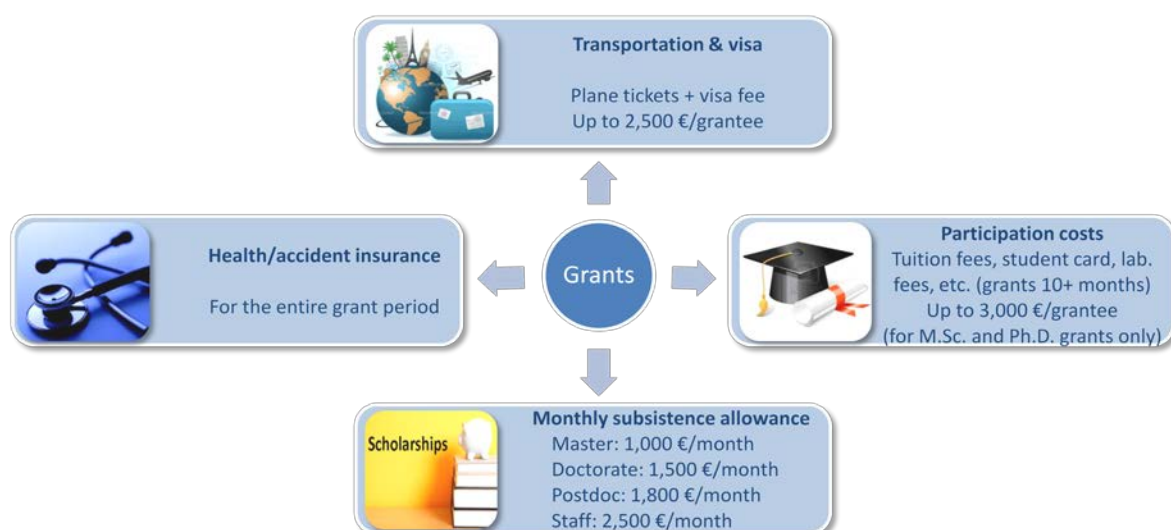
07. MOBILITY SCHEME: COHORTS

Type	Cohort-1	Cohort-2	Cohort-3	Total
Masters	10	10	10	30
Doctorates	5	5	4	14
Post-doctorates	0	6	6	12
Staff	0	5	4	9
Total	15	26	24	65

08. MOBILITY SCHEME: DISTRIBUTION PER TYPES OF GRANT

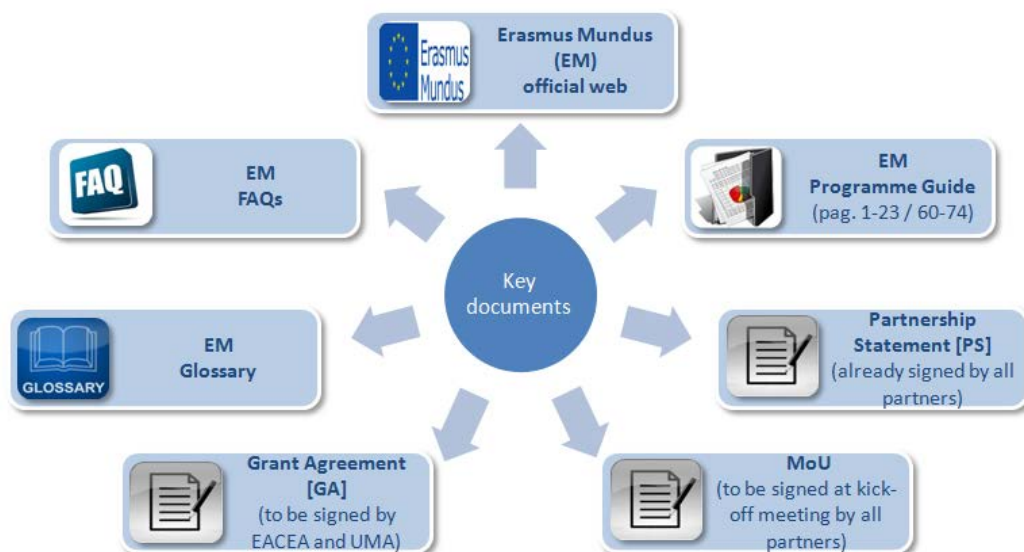
ID	C	HEI	Masters		Doctorates		Post-doctorates		Staff	
			Send	Receive	Send	Receive	Send	Receive	Send	Receive
EU-01	ES	UMA	3-4 [10 m]	2-3 [10 m]	0-1 [6,24,36 m]	1-2 [6,24,36 m]	1-2 [6 m]	1-2 [6 m]	1 [1 m]	0-1 [1 m]
EU-02	NL	UTWE	3-4 [10 m]	2-3 [10 m]	0-1 [6,24,36 m]	1-2 [6,24,36 m]	1-2 [6 m]	1-2 [6 m]	1 [1 m]	0-1 [1 m]
EU-03	PL	AMU	3-4 [10 m]	2-3 [10 m]	0-1 [6,24,36 m]	1-2 [6,24,36 m]	1-2 [6 m]	1-2 [6 m]	1 [1 m]	0-1 [1 m]
EU-04	FR	UPMC	3-4 [10 m]	2-3 [10 m]	0-1 [6,24,36 m]	1-2 [6,24,36 m]	1-2 [6 m]	1-2 [6 m]	1 [1 m]	0-1 [1 m]
EU-05	IT	UNITS	3-4 [10 m]	2-3 [10 m]	0-1 [6,24,36 m]	1-2 [6,24,36 m]	1-2 [6 m]	1-2 [6 m]	1 [1 m]	0-1 [1 m]
TC-01	HK	HKUST	3 [10 m]	3 [10 m]	0 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	1 [1 m]	0-1 [1 m]
TC-02	TW	NTHU	2 [10 m]	3 [10 m]	0-1 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	0-1 [1 m]	0-1 [1 m]
TC-03	TW	NTU	2 [10 m]	3 [10 m]	0-1 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	0-1 [1 m]	0-1 [1 m]
TC-04	SG	NTU	1-2 [10 m]	3 [10 m]	0 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	0-1 [1 m]	0-1 [1 m]
TC-05	SG	NUS	1-2 [10 m]	3 [10 m]	0 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	0-1 [1 m]	0-1 [1 m]
TC-06	MO	UMAC	2 [10 m]	3 [10 m]	1 [6,24,36 m]	1 [6,24,36 m]	1 [6 m]	1 [6 m]	1 [1 m]	0-1 [1 m]

09. GRANTS

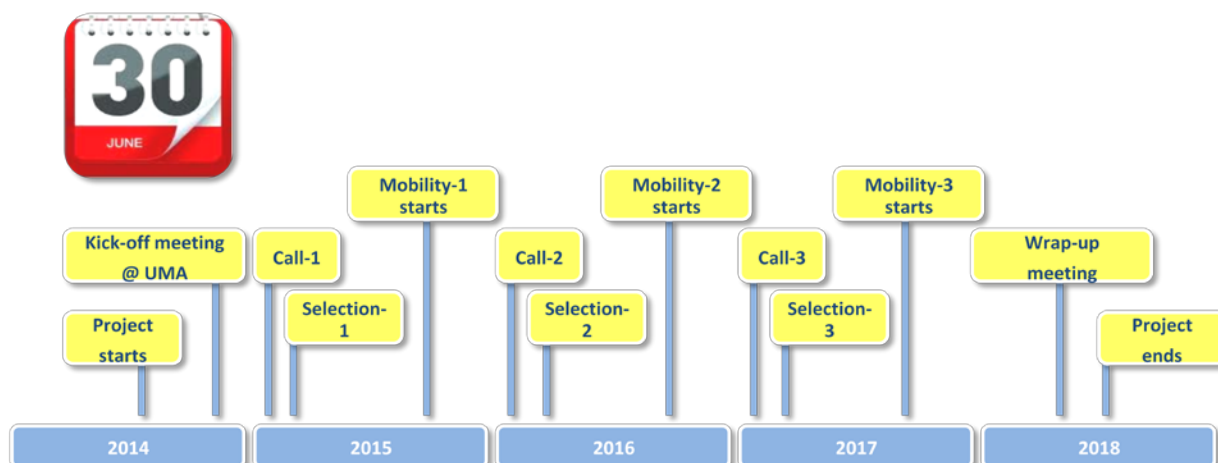


[*] Participation costs [PC]: amounts are maximum per grantee, per academic year (1 acad. year: 3,000 €; 2 acad. years: 6,000 €; 3 acad. years: 9,000 €).

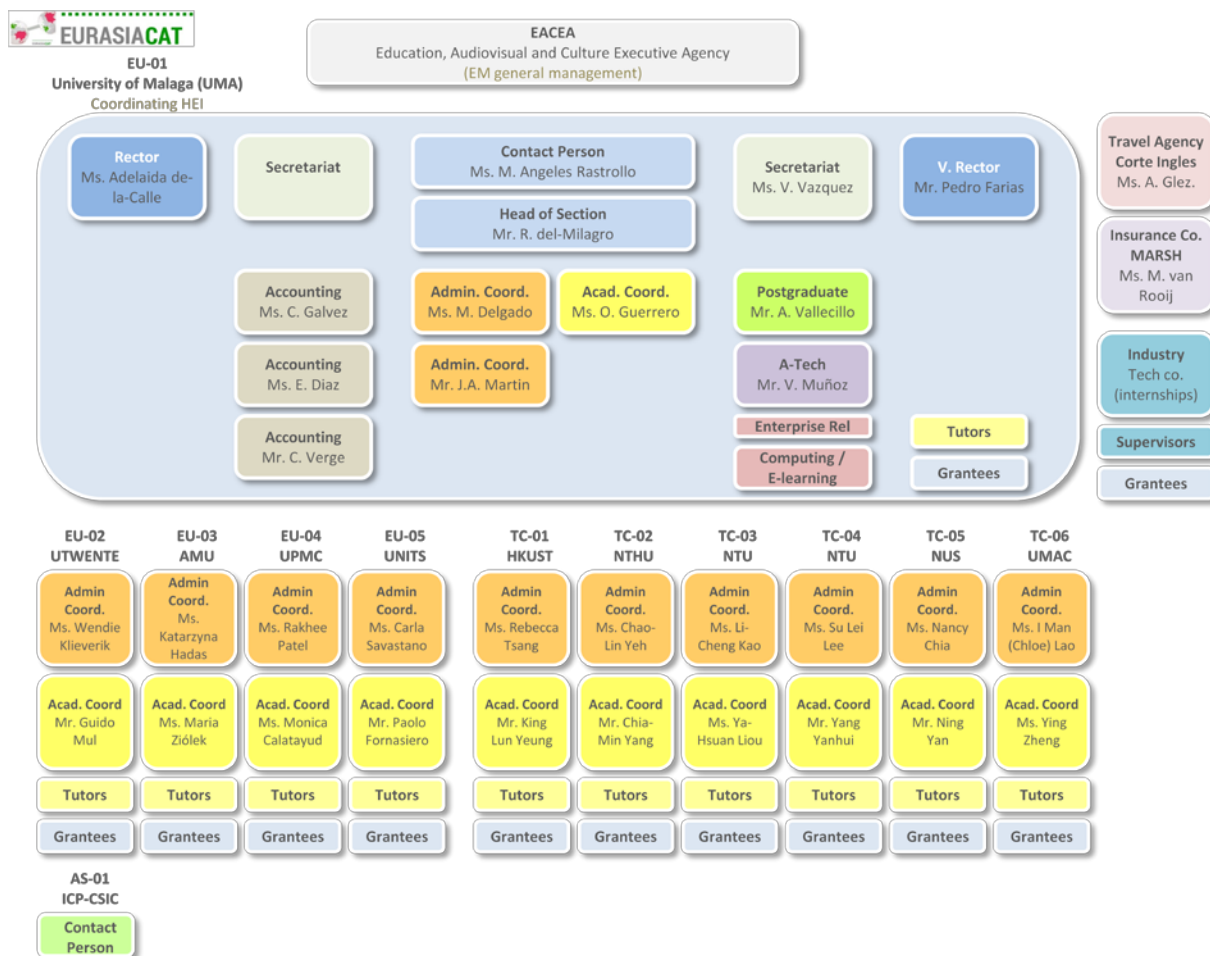
10. KEY DOCUMENTS



11. TIMETABLE



12. ORGANIGRAM



13. WEB

The screenshot shows the EURASIACAT website. The header features the Erasmus Mundus and EURASIACAT logos. A navigation menu includes Home, Partners, Thematic Fields, Grants, Call for Applications, Selection, Selected Candidates, Project Documents, Forum, and Contact. The main content area welcomes visitors to EURASIACAT and provides information about the project's goals, objectives, and the consortium of universities. A sidebar on the left lists various site activities and a recent site activity section. The bottom section, titled 'EURASIACAT in a nutshell', provides basic information about the project, including its ID, call number, action/strand, geographical area, levels, date, duration, acronym, title, and coordinators. A 'Recent List Items' table shows updates and announcements, including the EMA2 Coordinators' Conference 2014, the Kick-Off Meeting (KOM), and the Call for Applications Cohort-115/11/2014.

Welcome to EURASIACAT

"EURASIACAT: Advanced Education European-Asiatic Exchange Programme in Materials Science and Catalysis" is an [Erasmus Mundus Action 2](#) (EMA2/S2) project funded by the European Union. The project has a duration of 48 months, starting in July 2014 and finishing in July 2018.

The aim of EURASIACAT is to offer **multidisciplinary training** in designing **advanced functional materials and catalytic processes**. EURASIACAT is based on a **partnership** composed of 11 universities (5 from Europe + 6 from Hong Kong / Taiwan / Singapore / Macau). In addition, CSIC, the Spanish Research Council, acts as **associated partner**. The eleven universities that support this consortium are of a very high academic level, and the academic key persons involved are all well recognized in their respective fields of research.

The main objective of the project is offering scholarships/fellowships at **Master, Doctorate, Postdoc and Staff (Academic/Administrative)** levels (**Undergraduate is NOT supported**) to pursue **study/research/teaching** in the fields of **Materials Science and Chemical Engineering**. Grantees will receive **cutting-edge education** in all the research skills required for the design of a catalytic process, being the main objective of EURASIACAT multidisciplinary team to rationally design functional materials and the processes in which they are involved, which include: synthesis and characterization of advanced nano-engineered materials, advanced spectroscopic characterization, theoretical studies to uncover reaction/adsorption mechanisms and kinetics, and process & reactor design.

EURASIACAT in a nutshell

01. BASIC INFORMATION

- ID: 552067-EM-1-2014-1-ES-ERA MUNDUS-EMA22
- Programme: EM
- Call: EACEA/18/13
- Action / Strand / Lot: EMA2 / S2 / LOT.03
- Geographical Area: EU + Hong Kong / Taiwan / Singapore / Macau
- Levels: MAS+PHD+POS+STA
- Date (start): 15/07/2014
- Date (end): 15/07/2018
- Duration: 48 months
- Acronym: EURASIACAT
- Title: EURASIACAT: Advanced Education European-Asiatic Exchange Programme in Materials Science and Catalysis
- Coord: University of Malaga (UMA), ES
- J. Coord: n/a

02. COUNTRY (ES) TARGETED (LOT)

Recent List Items

Title	Assigned To	Status	Priority	Due Date	% Complete
Showing 0 items from page Selection sorted by edit time. View more...					

Rolling Updates

0009. EMA2 Coordinators' Conference 2014 The "EMA2 Coordinators' Conference 2014" will be held at the EACEA (Education, Audiovisual and Culture Executive Agency) premises in Brussels (as usual) on October 2-3. In addition to "EM..."
Posted 19 Aug 2014 16:02 by Juan Antonio Martin

0008. Kick-Off Meeting (KOM) EURASIACAT KOM will be held at UMA on Nov. 12-14. Further information will be distributed to all project partners.
Posted 19 Aug 2014 15:57 by Juan Antonio Martin

0007. Call for applications Cohort-115/11/2014 Call opening 15/02/2015 Call closing 31/03/2015 Selections results Sep-Dec 2015 Mobility starts. (Note for staff mobility: "staff" mobility may start...)
Posted 19 Aug 2014 15:56 by Juan Antonio Martin

0006. Twitter Follow us on Twitter@EurasiaCat
Posted 19 Aug 2014 15:10 by Juan Antonio Martin

14. WEB, SOCIAL NETWORKS & BLOG

- **Web**
<https://sites.google.com/site/emeurasiacat/>
- **Facebook**
<https://www.facebook.com/Eurasiacaterasmusmundus>
- **LinkedIn**
<https://www.linkedin.com/groups/EurAsiaCat-8142878>
- **Twitter**
@EurAsiaCat
- **WordPress**



15. ASSESSMENT PROCESS: OVERVIEW



16. APPLICATION & ASSESSMENT PROCESS: DETAILED

- | | |
|---|--|
| <ul style="list-style-type: none"> ▪ 01. Call for Applications
Promotion at partner HEIs + TG2 (web, seminar ...)
Applicants are invited to submit applications ▪ 01. Application Form [AF]
Applicants submit their applications using the online AF
Instructions/assistance provided
Deadline ▪ 01. Deadline
Deadline clearly indicated
Call open +45 days ▪ 02. Deadline expiration
No additional applications accepted | <ul style="list-style-type: none"> ▪ 08. Claim Period
Claims may be raised against PAL
Deadline ▪ 09. No additional claims accepted
Claims revised ▪ 10. Final Assessment List [FAL]
FAL published ▪ 11. Selected candidates notified
Selected candidates notified ▪ 11. Selected candidates supporting docs
Selected candidates must provide supporting docs
Deadline |
|---|--|

- **03. Eligibility Criteria**
Applications checked for correctness and completeness
- **04. Ineligible applicants are notified**
Application must be corrected and/or completed
- **05. No additional amendments accepted**
Applications can no longer be modified
CHANCES ARE !!
- **06. Selection (Award) Criteria**
Applications' assessment
- **07. Provisional Assessment List [PAL]**
PAL published
- **11. Selected candidates GHA**
Selected candidates must sign
Grant Holder's Acceptance Letter [GHAL] +
Grant Holder's Agreement [GHA]
Deadline
- **12. Grants Re-assignment Period**
Vacant grants assigned to reserve candidates
- **13. Grantees' List [GL]**
GL
Published
Home HEIs offer a seminar for grantees asap upon selection

17. ELIGIBILITY CRITERIA

- **For all types of grants:**

The application form shall be successfully submitted by the established deadline. Under no circumstances shall applications be accepted after the closing of such deadline.

The candidate shall not have been awarded an EMA2 grant for the same purpose of the grant he/she is applying in the context of this project. For instance, should the candidate be applying for a Post-doctoral grant, he/she should not have been awarded (or be awarded) another EMA2 Post-doctoral grant in the context of any other EMA2 project, either previous or simultaneous. However, it would be acceptable if such candidate may have been awarded another EMA2 grant before on condition that it was for a different purpose (e.g. B.Sc., M.Sc., or Ph.D.).
- **Staff (academic/administrative)**

Must be a national of one of the eligible countries;

TG1:

EU staff must work in or be associated to one of the EU partner HEIs;

TC staff must work in or be associated to one of the TC partner HEIs;

TG2:

EU staff must work in or be associated to a HEI (not included in the partnership) of any European country;

TC staff must work in or be associated to a HEI (not included in the partnership) of any TC (concerned by the lot).
- **TC M.Sc. / Ph.D. candidates / Postdoc**

Must be a national of one of the third countries (concerned by the lot);

TG1: has to be registered at one of the TC partner HEIs at application stage;

TG2: has to be registered at a HEI (not included in the partnership) of any third country (concerned by the lot OR has obtained a university degree or equivalent from a HEI of any third country (concerned by the lot);

Must have sufficient knowledge of the language of use at the host HEI;
- **EU M.Sc. / Ph.D. candidates / Postdoc**

Must be a national of an EU Member State;

TG1: has to be registered at one of the EU partner HEIs at application stage;

TG2: has to be registered at a HEI (not included in the partnership) of any European country OR has obtained a university degree or equivalent from a HEI of any European country;

Must have sufficient knowledge of the language of use at the host HEI;

18. SELECTION (AWARD) CRITERIA

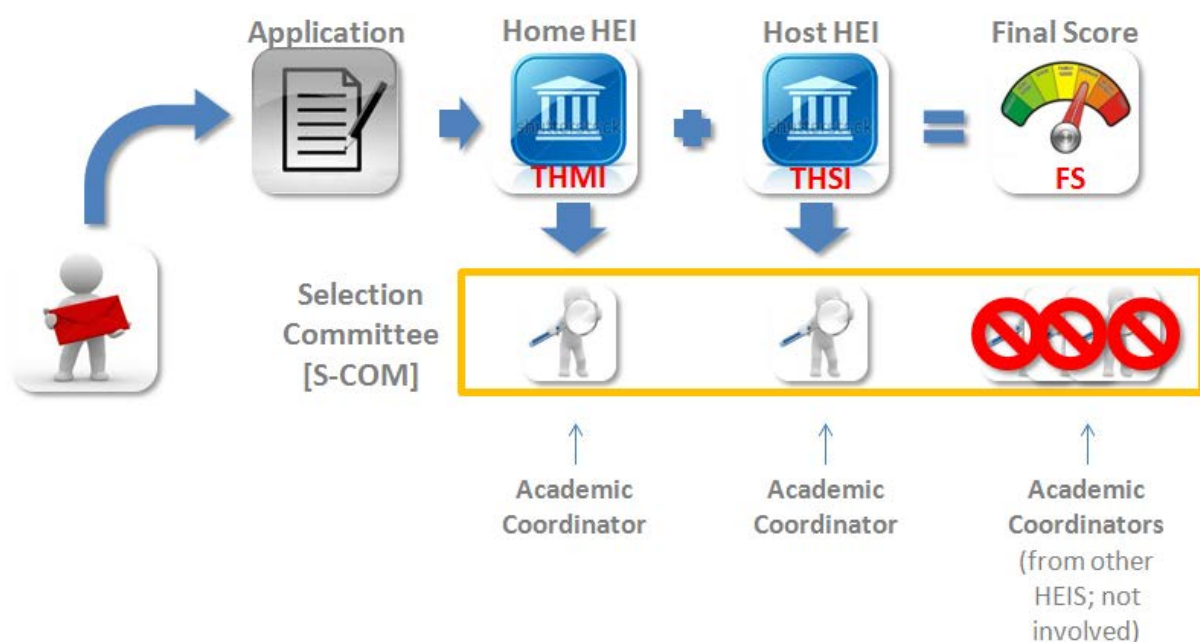
Home Institution [HMI]		Host Institution [HSI]	
HMI1. Academic/professional achievement (analytical) [0-100%]	20%	HSI1. Cover letter -- Motivation, interest, etc. [0-100%]	10%
HMI2. Academic/professional accumulated records (numerical) -- GPA, etc. Accumulated and weighted for all academic levels. [0-100%]	35%	HSI2. Relevance – Suitability of the previous studies/work pursued at the Home Institution and its relevance within the scope of the project and the activities planned at the Host Institution. [0-100%]	25%
HMI3. Study/work plan -- Suitability, relevance in the context of the project, [0-100%]	25%	HSI3. Study/Work Plan – Explicit and showed interest in the area of study/work covered by the project. [*] [0-100%]	40%
HMI4. CV -- Other academic/professional merits. [0-100%]	15%	HSI4. CV -- Languages (official certifications: e.g. TOEFL, IELTS, etc.) [0-100%]	10%
HMI5. Maturity -- Academic/professional. [0-100%]	5%	HSI5. CV -- International experience (number and length of previous stays abroad, activities, etc.) [0-100%]	15%
TOTAL HMI [THMI]:	100%	TOTAL HSI [THSI]:	100%
[*] For those grantees applying for a traineeship period at one of the Associates institutions (companies, research institutes, NGOs, etc.) the hosting Associate will determine 50% of HSI3 (i.e. 20% of THSI).			
FINAL SCORE [FS] (WEIGHTED) = 0.5 * THMI + 0.5 * THSI			[0-100%]
			FS

19. SELECTION (AWARD) CRITERIA: STAFF (ACADEMIC)

The general "Selection (Award) Criteria" applies.

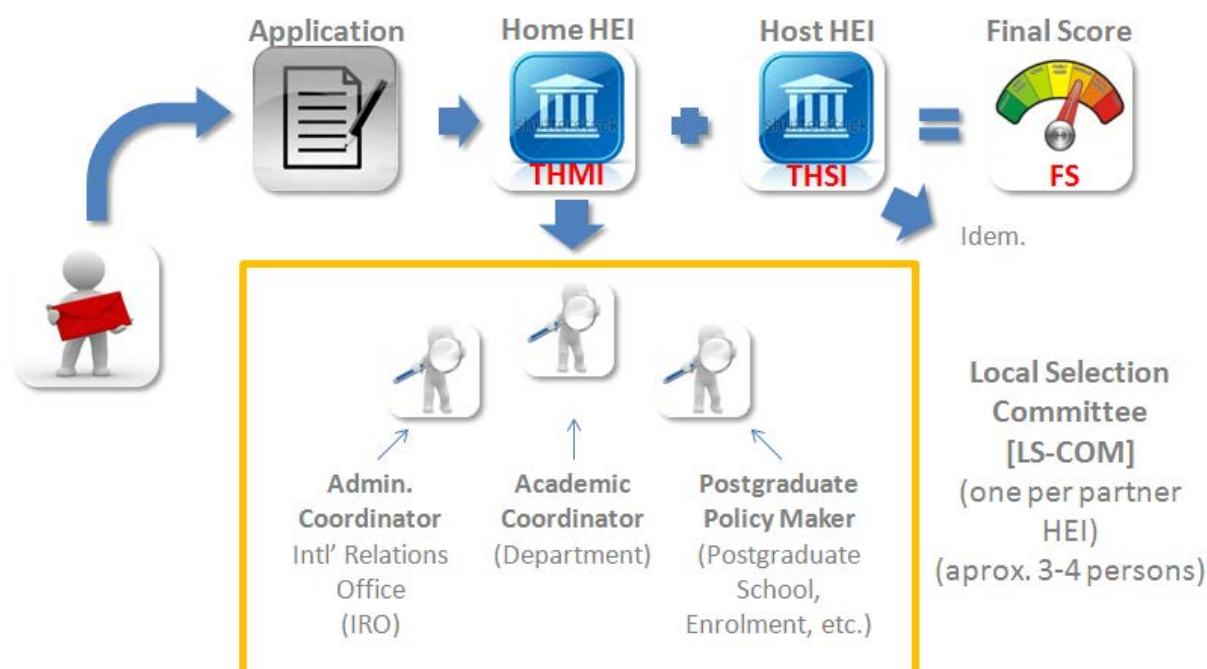
20. SELECTION COMMITTEE [S-COM]

Selection Committee [S-COM]



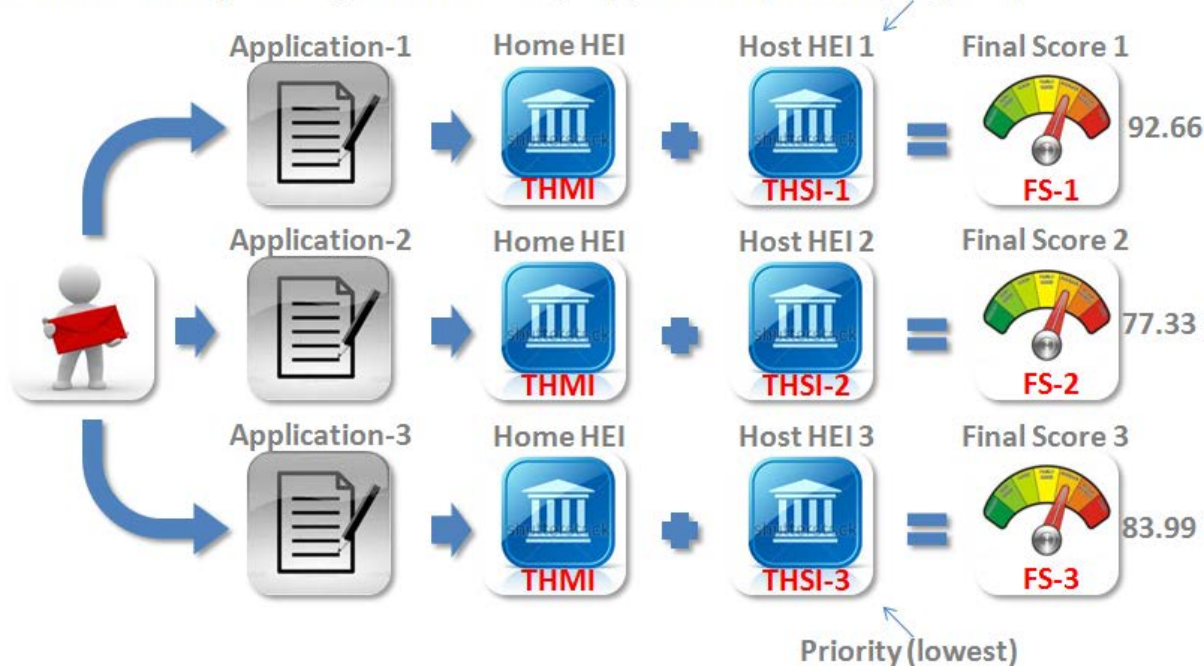
21. LOCAL SELECTION COMMITTEE [LS-COM]

Local Selection Committee [LS-COM]

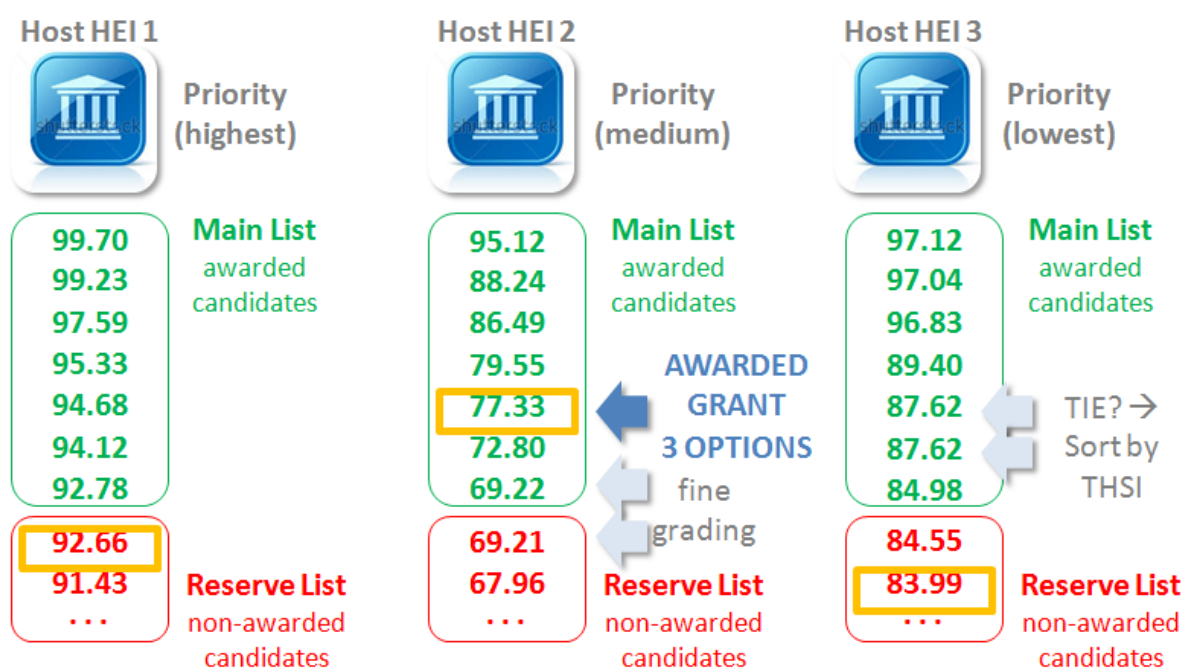


22. APPLICATIONS & PRIORITIES

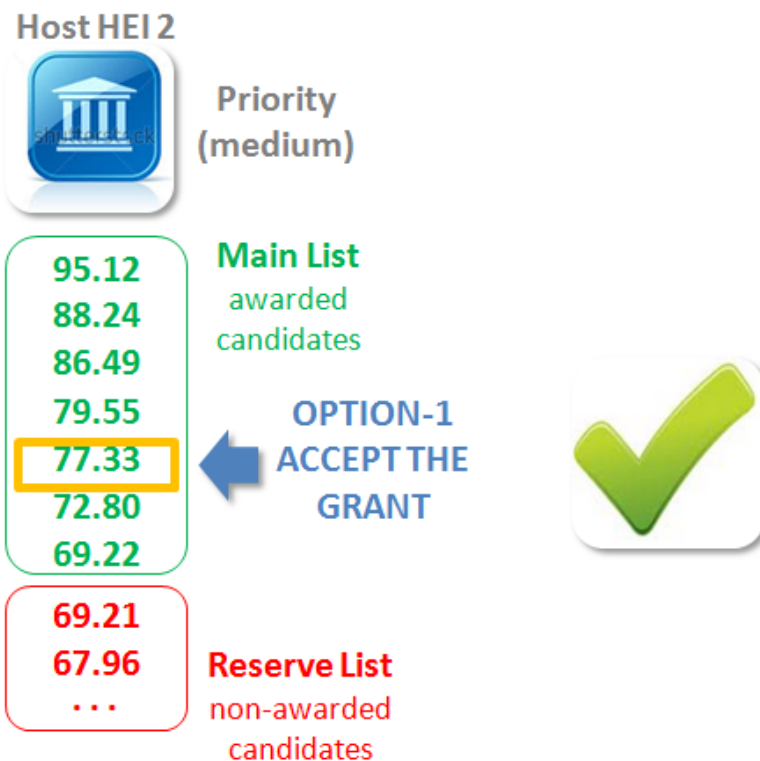
Candidates may select up to 3 host HEIs (=“application”) Priority (highest)



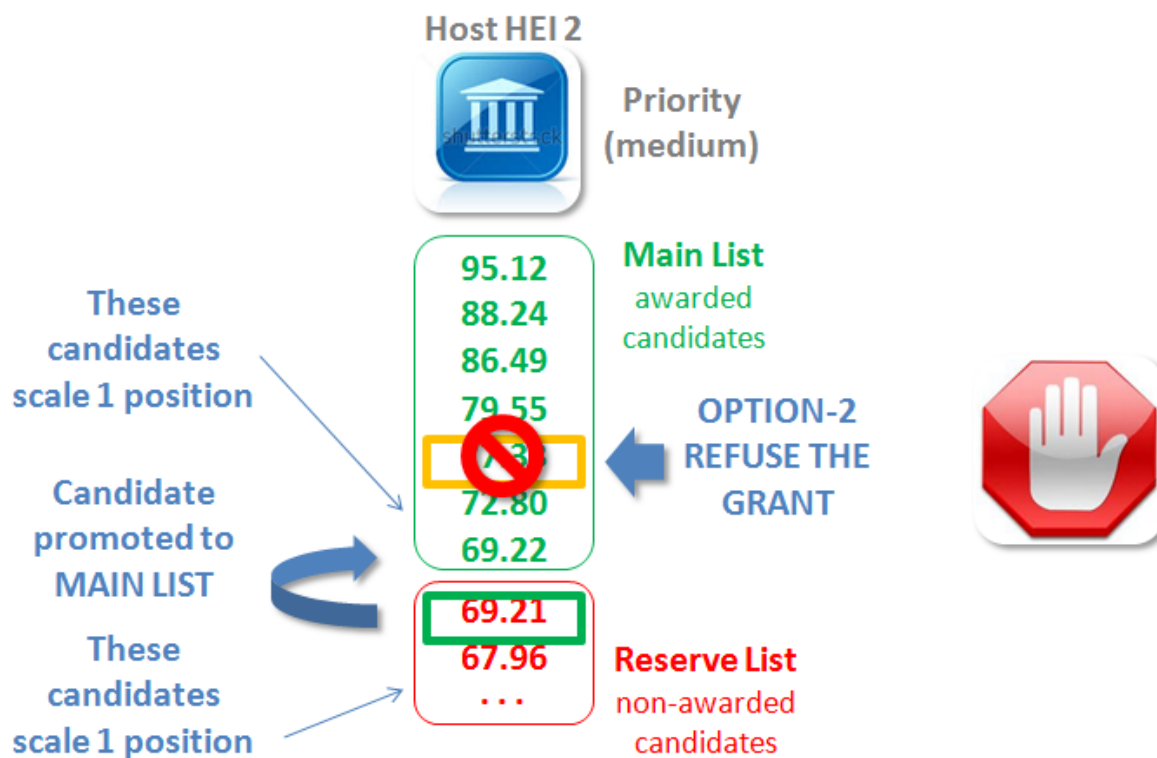
23. ASSESSMENT RESULTS & OPTIONS



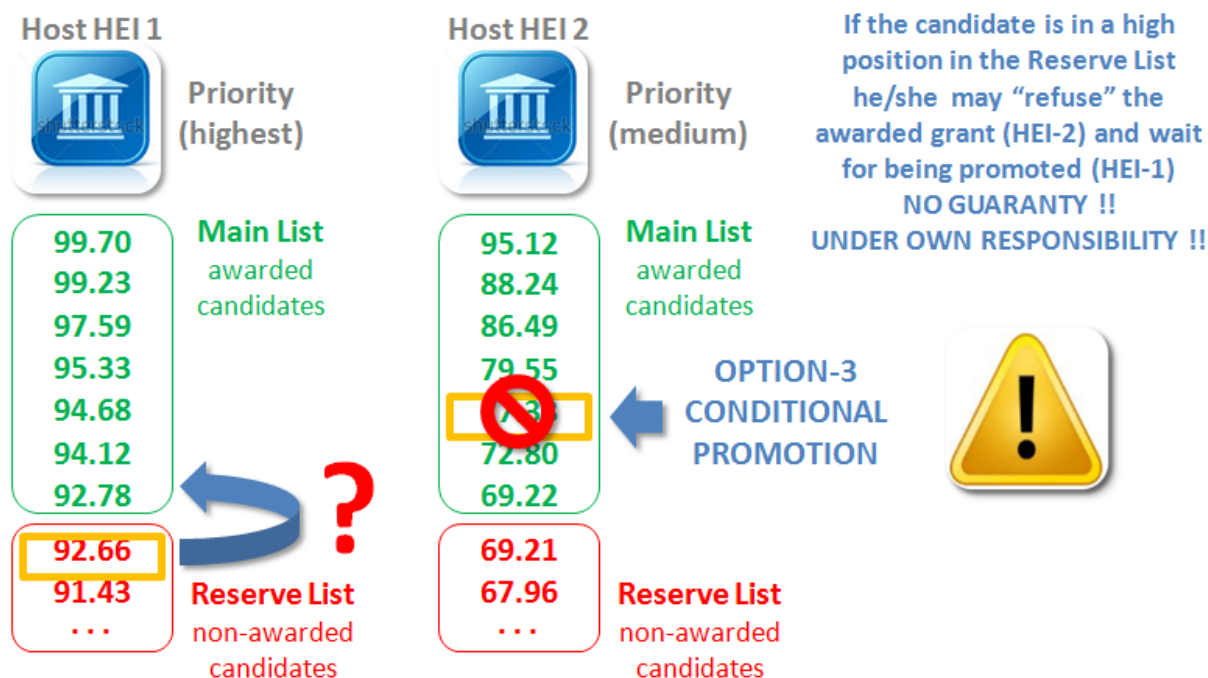
24. ASSESSMENT RESULTS & OPTIONS: OPTION-1



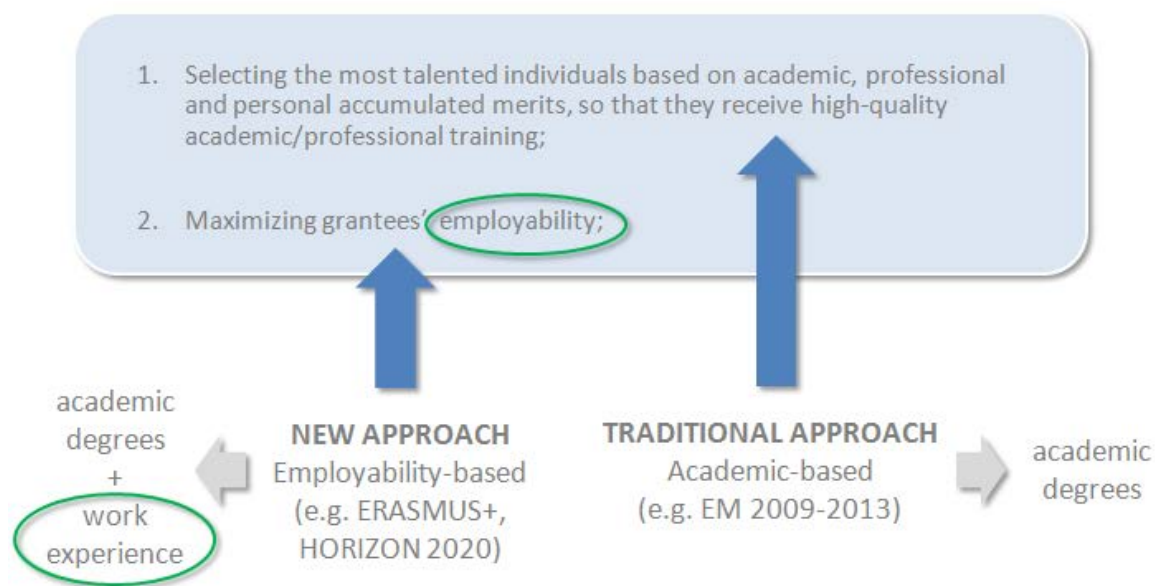
25. ASSESSMENT RESULTS & OPTIONS: OPTION-2



26. ASSESSMENT RESULTS & OPTIONS: OPTION-3



27. TRAINING PROGRAMME [TP]



Services:

Career center (CC): constituted by the combination of local career centers at each partner, as well as key associates, will offer academic/professional advice along the project duration and beyond.

Short traineeship period (STP): 1-3 months at a company, public body, NGO, etc. of choice, and in line with the specific professional profile of each grantee.

EURASIACAT Career center (CC):

Mission:

Offering academic/professional advice along the project duration and beyond so as to help grantees increasing their actual employability in line with nowadays marketplace rapidly-shifting trends while facilitating potential employers the search for the most talented experts in the project field.

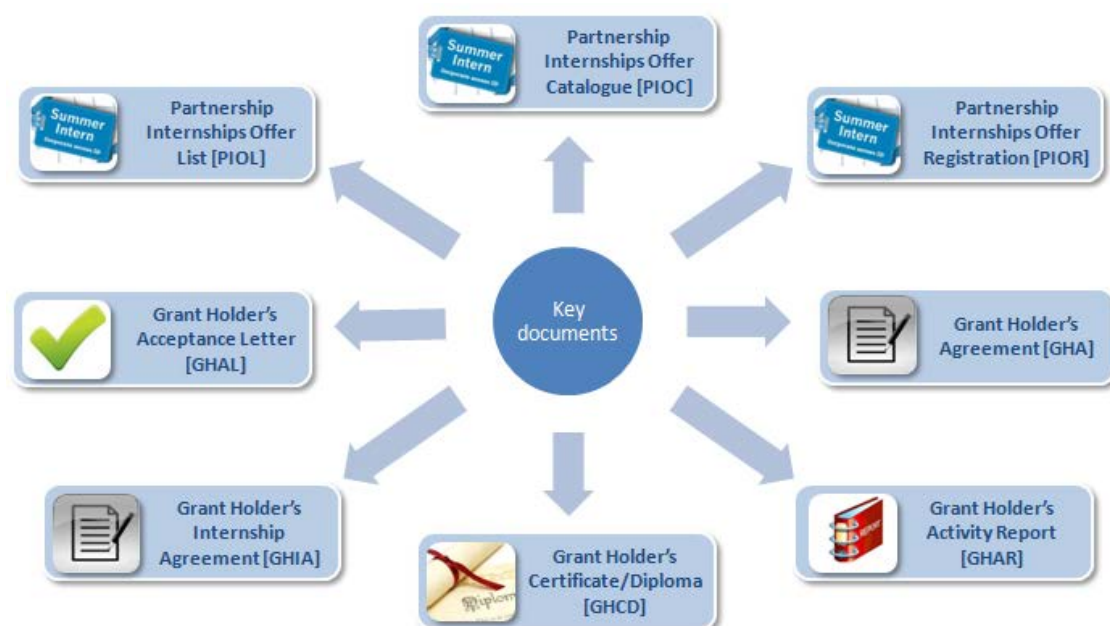


EURASIACAT Short Traineeship Period (STP):

Mission:

Offering “short traineeship periods” (internships) with a duration of 1-3 months at a company, research institute, public body, NGO, etc. of choice, and in line with the specific professional profile and research interests of each grantee so that grantees extend their accumulated work experience (if any) in the project field.

Key documents:

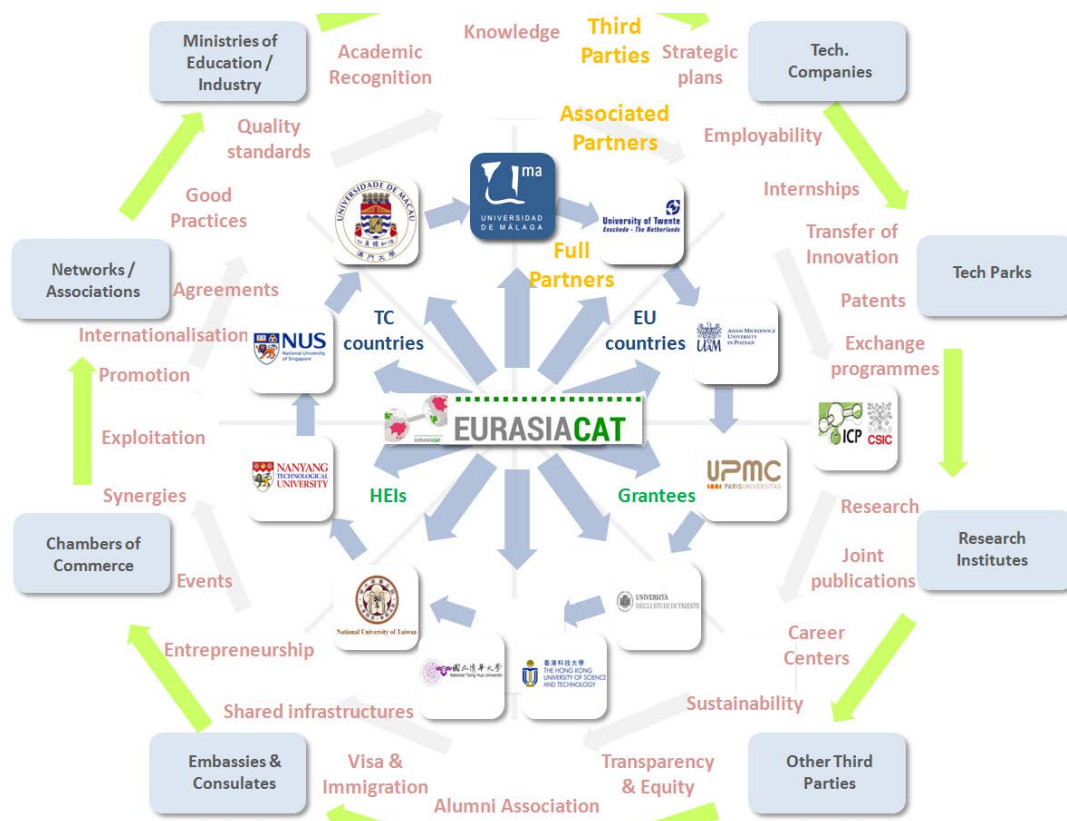


28. PROJECT TRANSVERSAL ACTIVITIES & SUSTAINABILITY



- To make specific agreements so as to establish a joint framework for the recognition of academic/administrative staff traineeship activities pursued by staff from any partner at any other partner;
- To promote, articulate, implement, coordinate, manage, control and supervise joint self-funded exchange programmes (B.Sc., M.Sc., Ph.D, postdoc, researchers, scholars and administrative staff) ;
- To promote, articulate, implement, coordinate, manage, control and supervise joint internship programmes, either self funded, or funded by partner organizations (e.g. companies, research institutes, public bodies, NGOs, etc.) ;
- To promote, articulate, implement, coordinate, manage, control and supervise joint entrepreneurship initiatives, either self funded, or funded by third parties;
- To promote joint publishing of scientific papers in world leading journals;
- To promote joint patents;
- To exploit synergies (joint use of shared infrastructures, laboratories, facilities, equipment, etc.) with the ultimate goal of maintaining (and even furthering) academic/research excellence while reducing derived expenses;

- To design and implement joint internationalization strategic plans;
- To further extend existing agreements;
- To promote new bilateral, trilateral and multilateral agreements between the parties, and between the parties and relevant third parties;
- To promote the creation of partners' representative delegations (offices) at the dependencies of other partners;
- To promote the exchange of students (B.Sc., M.Sc.), Ph.D. candidates, postdoc researches, researchers, faculty and administrative staff between partners;
- To make specific agreements so as to establish and consolidate a joint framework for academic recognition of B.Sc., M.Sc. and Ph.D. courses taken by students at any partner by any other partner;
- To promote the joint participation in a wide spectrum of international projects of different nature and with different specific objectives (LLP, EM, Tempus, ICI-ECP, Erasmus+, 7PM, H2020, Science Without Borders, etc.) as a means for capturing external funds while maximizing the chances for sustainability;
- To promote the joint organization of academic, cooperation and scientific events (seminars, workshops, congresses, conferences, symposiums, contents, awards, fairs, etc.);
- To promote the joint participation in academic, cooperation and scientific events (seminars, workshops, congresses, conferences, symposiums, contents, awards, fairs, etc.);
- To promote the adhesion of partners to the networks and associations of which other partner(s) may be member(s), if relevant and applicable;
- To promote the transfer of academic/research knowledge;
- To promote the exchange and use of good practices and an ethic code of conduct, as well as the adoption of quality standards;
- To promote transparency, fairness, gender balance and equality of opportunities



DOUBTS & ENQUIRIES

Coordinating HEI Information / Administrative Coordination / Project Coord.

Last Name(s):	Delgado Corredera	First Name(s):	Margarita
Title:	<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/> Miss	Position:	Project Admin. Coord.
Address:	Servicio de Rel. Internacionales y Coop.	ZIP:	E29071
City:	Malaga	Region:	Andalucia
Country:	Spain	Web:	www.uma.es
Phone-1:	+34.952.13.6302	Phone-2:	n/a
Fax:	+34.952.13.2971	Email:	mdelgado@uma.es

Coordinating HEI Information / Administrative Coordination / Project Coord.

Last Name(s):	Martín Checa	First Name(s):	Juan Antonio
Title:	<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/> Miss	Position:	Project Admin. Coord.
Address:	Servicio de Rel. Internacionales y Coop.	ZIP:	E29071
City:	Malaga	Region:	Andalucia
Country:	Spain	Web:	www.uma.es
Phone-1:	+34.952.13.2970	Phone-2:	n/a
Fax:	+34.952.13.2971	Email:	jamcheca@telefonica.net

