



STEERING COMMITTEE MEETING 19-20 January 2023

This project has received funding from the European Union's Horizon 2020 Research and Innovation Staff Exchange under the Marie Skłodowska-Curie Actions. Grant Agreement No 778039.



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Project progress and updates

PEARLS Project new dates

Duration: 48 months (+18 months) = 66 months

Starting date: 1 July 2018

New ending date: 31 December 2023

Reporting periods:

-RP1: from month 1 to month 24 –June 2020

-RP2: from month 25 to month 66 – December 2023

PROGRESS REPORT II - January 2023

PERIODIC REPORT – December 2023

FINAL REPORT – December 2023

Project activity till December 31, 2023

Request in advance for expenditure of the last payment in 2024

Project has been granted full time support technician





**PLANINNG AND ENGAGEMENT ARENAS FOR RENEWABLE ENERGY LANDSCAPES
PEARLS**

Marie Skłodowska-Curie Actions (MSCA)

Research and Innovation Staff Exchange (RISE)

H2020-MSCA-RISE-2017 – 778039 - PEARLS

Secondments made and pending by person-months: Research Declaration

Beneficiary	Secondments Number of units (person-months)	Secondments Made Number of units (person-months)	Pending Secondments Number of units (person-months)
USE	10	3,03	6,97
CLANER	5	4,03	0,97
TERRITORIA	4	2	2
ICSUL	9	5,94	3,06
ENERCOUTIM	1	0,4	0,6
COOPERNICO	3	0	0
UNITN	12	11,06	0,94
AUTH	16	12	4
GSH	16	15,33	0,67
CONSORTIS	1	1	0
CONSORTIS GEOSPATIAL	1	1	0
BGU	2	1	0
SP INTERFACE	1	0	1
UHU	5	2	3
HABITECH	1	0	1
UPO	3	1	2
Beneficiaries	90	59,79	27,21

Secondments in progress: by secondments

SECONDMENTS IN PROGRESS											
SECONDMENT								REPORTING H2020			
MONTH	YEAR	SECONDM	RESEARCH	RESEARCH CAT	SENDING	TO	WP	STAFF MEMBER	FINISH	PENDING	
SEPTEMBER	2018	1	221	Technical_staff	ENERCOUTIM	USE	2	NATALIE SAMOVICH	0,4	0,6	
JULY	2019	34	131	ESR	TERRITORIA	ICSUL	5	MICHELA GHISLANZONI	2	2	
JANUARY	2020	28	214	ER	ICSUL	TERRITORIA	5	MONICA TRUNINGER	1,77	0,23	
SEPTEMBER	2022	NEW	212	ER	ICSUL	TERRITORIA	3	RICARDO ROQUE	0,5	0,5	
FEBRUARY	2020	16	422	ESR	GSH	USE	3	VASILIKI CHARALAMPOPOULOU	0,3	0,7	
JANUARY	2022	10	211	ER	ICSUL	CLANER	5	ANA DELICADO	1	1	
OCTOBER	2022	7	511	ER	BGU	TERRITORIA	2	NOAM ELAD	1,03	0,97	
NOVEMBER	2022	45	111	ER	USE	HABITECH	2	MARIA JOSE PRADOS	0,57	0,43	
MARCH	2022	33	231	Technical staff	COOPERNICO	USE	5	CATARINA SARAIVA	0	0	
JULY	2022	54	231	Technical staff	COOPERNICO	AUTH	2	ANA RITA ANTUNES	0	0	

Pending Secondments

BENEFICIARY	PENDING	
	SECONDMENT	MONTHS
USE	4	6
CLANER	1	1
TERRITORIA	0	0
ICSUL	1	2
ENERCOUTIM	0	0
COOPERNICO	3	3
UNITN	1	1
AUTH	3	5
GSH	1	1
CONSORTIS	0	0
CONSORTIS GEOSPATIAL	0	0
BGU	0	0
SP INTERFACE	1	1
UHU	3	3
HABITECH	1	1
UPO	2	2
Beneficiaries	21	26

Secondments reassignment approval

SENDING	TO	WP	STAFF MEMBER	CHANGE
ICSUL				= 2 MONTHS ?
CLANER		4		-1 MONTH
GSH	UHU	2	THOMAS PAPAKOSMA	+ 2 MONTHS
AUTh				= 2 MONTHS ?
TO DECIDE*		2	GIUSEPPE MACCA	+ 2 MONTHS
*Waiting for PO approval				

Secondments reassignment approval

SECONDMENT	SENDING	TO	WP	STAFF	IN PROGRESS	PENDING	PERIODIC REPORT
SECONDMENT5	GSH	ICSUL	2	THOMAS PAPAKOSMAS	5	0	GA MONTH 45- 4 MONTHS-WP 4
SECONDMENT31	AUTH	COOPERNICO	5	THEODORA ISTORIOU	2	0	GA MONTH 48
SECONDMENT3	USE	CONSORTIS	2	MARÍA JOSÉ PRADOS	1	0	GA MONTH 49
SECONDMENT27	CONSORTIS Geo	UNITN	4	ANASTASIOS BITZIADIS	1	0	GA USE
SECONDMENT35	GSH	ICSUL	4	THOMAS PAPAKOSMAS	0	0	DELETE SECONDMENT
SECONDMENT42	UHU	CONSORTIS Geo	4	ÁNGELES BARRAL	1	0	G.A. GSH
SECONDMENT48	UNITN	CONSORTIS	4	AMBRA BARBINI	1	0	GA WP3
SECONDMENT49	GSH	USE	4	THOMAS PAPAKOSMAS	5	0	GA 2 MONTHS
SECONDMENT7	BGU	Territoria	2	NOAM ELAD	1,03	0,97	GA MONTH 49
SECONDMENT45	USE	HABITECH	2	MARÍA JOSÉ PRADOS	0,57	0,43	GA MONTH 45
SECONDMENT28	ICSUL	TERRITORIA	5	MONICA TRUNINGER	1,77	0,23	GA 3 MONTH
SECONDMENT NEW	ICSUL	TERRITORIA	3	RICARDO ROQUE	0,5	0,5	GA SECONDMENT28-WP5-3 MONTH
SECONDMENT43	ICSUL	CLANER	5	ANA DELICADO	1,67	0,33	WP3

New amendment–Project extension (if necessary)



Vision

We promote the creation of a different economic model based on **social development** rather than profit as an overall goal.



Glocal Approach

we act locally to impact globally

1. We guide entrepreneurs and professionals, in a practical and inspirational method, through the development and measurement of high-impact strategies to drive organic and viral growth so as to market sustainably and ethically
2. We support local organizations and administrations to design a sustainable future for their communities, working on improving and focusing on citizens' expectations.

Bespoke Training and Consulting to inspire managers and entrepreneurs



Starting a sustainable business (social/green), being it a startup or a spinoff present the challenges typical of the startup universe, plus the challenges of the third sector universe. Merging them is not easy. We know.

We join organizations and entrepreneurs to support them in their initial part of this difficult journey, working with them to transform ideas into achievable plans.

- creative approach to design sustainable strategies
- ethical business models implementation
- Business Coaching
- tailored workshops
- data monitoring
- Impact evaluation



Sustainable Ethical Marketing

to avoid greenwashing



When talking about sustainability, communication is a key aspect, and it could become controversial. The market needs to trust our message, and it is fundamental not to conform and lose our audience's confidence in us.

Everybody now talks about being sustainable...but who is to be trusted?! Our approach is based on communicating the actual value generated by the organization, averting greenwashing, and building stronger bonds with our audience. Many firms and organizations already do a lot in terms of social and environmental sustainability, they just don't know about it, don't measure it or are too busy to plan how to properly communicate it.

We help enterprises, startups and individuals to be profitable in an ethical and sustainable way, taking care of our environment.

- Social Market analysis
- Reputation analysis
- Branding Strategy development
- Organization's sustainable asset analysis
- Market Validation
- Social Media presence consulting

New amendment–Project extension (if necessary)



Ethics 4 Growth
Non-academic partner
PIC number: 891671240
PhD candidates
WP1 & WP5



Deliverables

Deliverables – Future submission

D. No	Title	WP No	Type	Lead Beneficiary	Dissemination Level	Due Date
D.6.4.	Progress Report II	WP6	Report	USE	Confidential	55(01/2023)
D.2.2.	Interviews	WP2	Report	USE	Public	56(02/2023)
D.4.3.	Web-GIS Platform	WP4	Other	AUTH	Public	58(04/2023)
D.5.2.	Training	WP5	Other	ICSUL	Public	58(04/2023)
D.5.1.	Case Studies	WP5	Other	ICSUL	Public	60(06/2023)
D.3.2.	Statement Supporting Renewable Energy Efficiency	WP3	Report	CLANER	Public	63(09/2023)
D.1.2	Digital Marketing Strategies and Follow-Up Questionnaire	WP1	Report	USE	Public	64 (10/2023)
D.1.3.	Project Plenary Forum	WP1	Other	USE	Public	64 (10/2023)
D.4.2.	Sustainable Energy Planning Methodologies	WP4	Report	AUTH	Confidential	66(12/2023)

Deliverables and milestones

Milestone number	Milestone title	WP number	Lead beneficiary	Due Date (in months)	Means of verification
MS 4	Website design	WP4	8-AUTH	58 (04/2023)	Website released and validated by WP4 user group
MS 5	Training activity Background	WP5	4-ICSUL	60(06/2023)	Re-direction of secondments to fieldwork, case studies and stakeholder selection
MS 3	Preliminary Agreements	WP3	2-CLANER	63(09/2023)	Use of WP5 social innovation tolos for SSREE
MS 1	Expert recruitment/selection from Mediterranean countries	WP1	1-USE	64(10/2023)	Commitment of partnership international companies and associations from outset
MS 6	Financial Management	WP6	1-USE	65(11/2023)	Delivery of reports and secondments/networking activities monitored via Skype conferences

Dissemination Plan (GA)

- 6 WORKING PAPERS
- 5 OPEN ACCESS JOURNALS
- 2 RESEARCH SEMINARS AND TECHNICAL COURSES
- 6 CONTRIBUTIONS TO WORKSHOPS AT INTERNATIONAL CONGRESS



Dissemination Plan (Working Papers)

- PEARLS SERIES (2018, 2019, ??)
- SEMANTIC MAP
- GLOSSARY
- WP METHODOLOGICAL REPORTS
- WP 4
- WP 5
- WP2
- WP 1 & 3



Dissemination (Scientific Papers)

Ruiz, A.; Prados, M.J.; Loukogeorgaki, E.; Albaticci, R.; Delicado, A. (nd) Energy landscapes in Southern European Countries: new methodology for assesing the visual impact of renewable energy landscapes. *Applied Geography*
Paper still in progress

Codemo, A.; Ghislanzoni, M.; Prados, M.J.; Albatici, R. (nd) Including landscape integration and public perception of Renewable Energy Landscapes in the local planning tools: a case study in the Mediterranean countries. *Renewable and Sustainable Energy Reviews* **Under review**

Delicado, A.; Pallarès-Blanch, M.; García, R.; Del Valle, C.; Prados, M.J. (nd) David against Goliath? Challenges and opportunities for energy cooperatives in Southern Europe. *Energy Research & Social Sciences* **Submitted**

Barral, M. A.; Ruiz, A.; Prados, M. J.; García, R.; Delicado, A. (nd) Energías renovables y cambios en los usos del suelo en la Península Ibérica. Una lectura territorial de la política energética. *Boletín de la Asociación de Geógrafos Españoles* **Submitted**

Dissemination (Scientific Papers)

Nagkoulis, N.; Loukogeorgaki, E.; Ghislanzoni, M. (2022) Genetic algorithms-based optimun PV site selection minimizing visual disturbance. *Sustainability*, 14 (19) 12602
<https://doi.org/10.3390/su141912602>

Romov, E.; Teschner N. (2022) A place under the sun: planning, landscape and participation in a case of a solar powerplant in the Israeli desert. *Sustainability*, 14 (13) 7666
<https://doi.org/10.3390/su14137666>

Spiridonidou, S.; Loukogeorgaki, E.; Vagiona, D.G.; Bertrand, T. (2022) Towards a sustainable spatial planning approach for PV selection in Portugal. *Energies*, 15 (22) 8515
<https://doi.org/10.3390/en15228515>

Prados, M.J.; Iglesias-Pascual, R.; Barral, M. A. Energy transition and community participation in Portugal, Greece and Israel: Regional differences from a multi-level perspective. *Energy Research & Social Science* **2022**, 87, 102467.
<https://doi.org/10.1016/j.erss.2021.102467>

Spiridonidou, S.; Sismani, G.; Loukogeorgaki, E.; Vagiona, D.G.; Ulanovsky, H.; Madar, D.(2021) Sustainable Spatial Energy Planning of Large-Scale Wind and PV Farms in Israel: A Collaborative and Participatory Planning Approach. *Energies*, 14, 551. <https://doi.org/10.3390/en14030551>

Dissemination (Proceedings)

Kontopoulos, C.; Barral, M.A.; Ruiz, A.; Prados, M.J.; Fidania, S.; Tsakoumisc, G.; Charalampopoulou, V. **Planning and engagement arenas for renewable energy landscapes, Paros island example.** Eighth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2020), edited by K. Themistocleous, G. Papadavid, S. Michaelides, V. Ambrosia, D. G. Hadjimitsis Proc. of SPIE Vol. 11524, 1152416 2020 SPIE <https://doi:10.1117/12.2571843>

Delicado, A.; del Valle, C.; Prados, M.J.; García, R.; Pallarès-Blanch, M. **Cooperativas de energia renovável em Portugal e Espanha: David contra Golias?.** XI Congresso Português de Sociologia – Identidades ao rubro: diferenças, pertenças e populismos num mundo efervescente, Lisboa, 29 a 31 de março de 2021, XI-APS-38256, https://aps.pt/wp-content/uploads/XI_Congresso/Ambiente_XI-APS-38256.pdf

Dissemination (Participation in Congress)

Codemo, A.; Ghislanzoni, M.; Prados, M.J.; Albatici, R. **Towards integrated and accepted energy transition: sustainable energy planning in urban areas.**

4th International Conference Smart and Sustainable Planning for Cities and Regions
2022 SSPCR. Bolzano, Italy

Delicado, A.; del Valle, C.; Prados, M.J.; García, R.; Pallarès-Blanch, M. **Cooperativas de energia renovável em Portugal e Espanha: David contra Golias?.** XI Congresso Português de Sociologia Identidades ao rubro: diferenças, pertenças e populismos num mundo efervescente **2021.** Lisbon, Portugal

Prados, M.J.; Iglesias, R.; Barral M.A.; Ghislanzoni, M. **Social innovation and Public Participation. New approaches on renewable energy landscapes (REL) from southern European Countries and Israel.** 5th Energy & Society Conference **2021.** Trento, Italy

Barral, M.A.; Díez, A.; González-López, J.J. **Comparative study of the visual impact of solar farms on Southern Spain rural landscapes.** Geography: Bringing the continents. XXXIV International Geographical Congress **2021.** Istambul, Turkey

Dissemination (Participation in Congress)

Delicado, A., Couto, J.S., Iglesias, R. **From prosumers to communities: sharing Renewable energy production.** In International Seminar on Environment and Society. Org. Associação Portuguesa de Sociologia **2020.** ICS-ULisboa. Lisboa, Portugal

Delicado, A.; Prados, M.J.; Horta, A.; Truninger, M.; del Valle, C. **Barriers and opportunities for community renewable energy in the south of Europe.** International Conference on New Pathways for Community Energy and Storage **2019.** Groningen, The Netherlands

Delicado, A., Couto, J. S., Truninger, M., Horta, A., Prados, M.J., Iglesias, R. **Comunidades de energia em Portugal: tecnologia e cidadania .** 4^a Conferência Rumos da Sociologia do Conhecimento, Ciéncia e Tecnologia. Org. Secção Conhecimento, Ciéncia e Tecnologia da APS **2019.** ICBAS-UP. Porto, Portugal

Ghislanzoni, M. **Planning and Engagement Arenas for Renewable Energy Landscapes.** IX International Congress on Spatial Planning **2018.** Oviedo, Spain

Dissemination (Participation in Congress)

2023

-Congress APS, April 2023

Coimbra, Portugal

“O que é que há, pois, num nome?": o conceito de comunidade em comunidades de energia renovável no sul da Europa **submitted**



-3rd European Rural Geographies Conference, June 2023

Groningen, The Netherlands

Abstracts deadline: January 2023

-Energy and Society Network 6th, September 2023

Trento, Italy

Abstracts deadline: February 15

Dissemination (Research Seminar)

Research Seminar – Seminario de Doctorado - Doctoral Programme on Geography – University of Seville – PEARLS Project - Research Seminar – Seminario de Doctorado



PLANNING AND ENGAGEMENT ARENAS FOR RENEWABLE ENERGY LANDSCAPES IN SOUTHERN EUROPEAN COUNTRIES & ISRAEL

26 October 2022

16:00 to 20:00 Open lectures Aula X – Faculty of Geography and History, University of Seville

[16:00-17:30] *A place under the sun: planning, landscape, and participation in a case of a solar powerplant in the Israeli desert*
Naama Teschner Department of Geography and Environmental Development - Ben-Gurion University of the Negev (Israel)

[17:30-17:50] Coffee Break

[17:50-19:15] *GIS-based multi-criteria decision analysis for renewable energy systems' site selection*
Eva Loukogeorgaki Department of Civil Engineering - Aristotle University of Thessaloniki (Greece)

[19:15-20:00] *Transition from research to operations, use of Downstream Space Technologies to ensure nature and climate-positive action*
Betty Charalampopoulou President and CEO in GEOSYSTEMS HELLAS - Athens (Greece)

27 October 2022

16:00 to 20:00 Fieldwork to thermo-solar plants Valle 1 & 2 San José del Valle (Cádiz)



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Dissemination (Research Seminar)

A place under the sun: planning, landscape, and participation in a case of a solar powerplant in the Israeli desert

Nama Teschner Department of Geography and Environmental Development - Ben-Gurion University of the Negev (Israel)

<https://www.youtube.com/watch?v=z1wlflYgcXk&list=PLDA1766DEA1DFE112&index=3>

G/S-based multi-criteria decision analysis for renewable energy systems' site selection

Eva Loukogeorgaki Department of Civil Engineering - Aristotle University of Thessaloniki (Greece)

<https://www.youtube.com/watch?v=DJZ8zAdh7AA&list=PLDA1766DEA1DFE112&index=2>

Transition from research to operations, use of Downstream Space Technologies to ensure nature and climate-positive action

Betty Charalampopoulou President and CEO in GEOSYSTEMS HELLAS - Athens (Greece)

<https://www.youtube.com/watch?v=JslJeCuobVw&list=PLDA1766DEA1DFE112&index=1>

Dissemination (Progress Meeting)

Progress Meeting (or Spring School) in Paros Island, Greece

10th to 14th May 2023

2 days of meeting and fieldwork

Organizers: GeoSystems Hellas

Co-financed



Dissemination (Progress Meeting)

Training Course in Lisbon, Portugal

2023

On-line

Organizers: ICSUL



Communication and Networking

- European Research Night, 2020 Seville, Spain
- Norvento Enerxía (<https://www.norvento.com/blog/not-in-my-backyard/>)
- Public Agenda (<https://agendapublica.elpais.com/noticia/13523/participacion-local-comunitaria-gestion-renovables>)
- Geographical Studies (Spanish and Italian versions)
 - <https://estudiosgeograficos.revistas.csic.es/index.php/estudiosgeograficos/article/view/748/834>
 - <https://webmagazine.unitn.it/ricerca/83501/l-acettazione-sociale-dei-paesaggi-dell-energia-rinnovabile>
- HORIZON 2020 Platform Results
- Workshop´s proposal Energy Communities and Energy Cooperatives 2019. Environmental Department at Seville City Council, Spain
- RISE'S Champion projects (<https://ec.europa.eu/eusurvey/>)
- US Magazine
- Guest lecture at Department of Environmental Studies at Tel-Aviv University, Israel
- PEARLS Project presentation at the Ministry of Energy in Jerusalem, Israel
- Project´s results at the Heschel Centre for Sustainability, Tel-Aviv Israel
- InfoSession MSCA Staff Exchanges 2022, Seville Spain
- Instituto Andaluz de Patrimonio Histórico: Debate **Paisaje y Energías Alternativas**
 - <http://www.iaph.es/revistaph/index.php/revistaph/issue/view/124>
- ??

Web-site

- Incorporating new beneficiaries
- Secondments' statements: *new desing*
- Web-GIS Platform tool
- *New study cases to On-line Atlas*
- Scientific Papers
- Research Seminar
- Working papers (semantic map, glossary, WP's research reports)
- Good to know



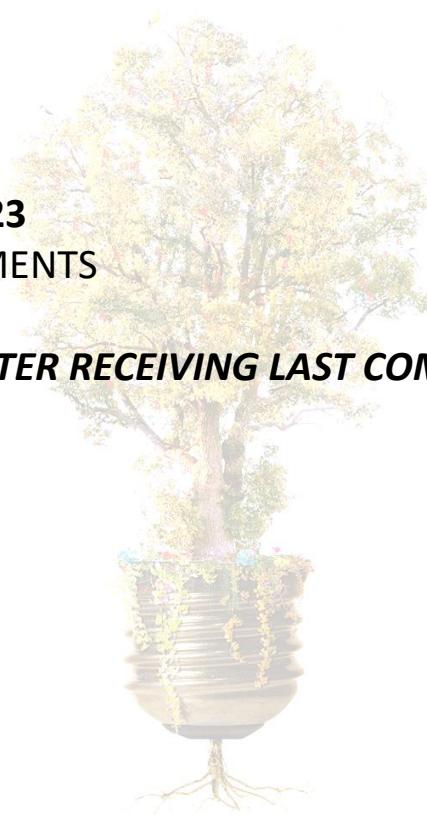
Funding Project distribution

FIFTH PAYMENT – JANUARY 2023

- PART A 2023 SECONDMENTS

SIXTH PAYMENT – NO DATE, AFTER RECEIVING LAST COMMISSION PAYMENT

- PART B (27%)



Funding Project distribution

Beneficiary	Secondments Months 1-54	Secondments Months 55-66	Secondments Total	Paid	Fifth Payment
USE	7	3	10	7	3
CLANER	5	0	5	5	0
TERRITORIA	4	0	4	4	0
ICSUL	9	0	9	9	0
ENERCOUTIM	1	0	1	2	-1
COOPERNICO	3	0	3	3	0
UNITN	12	0	12	12	0
AUTH	14	2	16	14	2
GSH	12	4	16	12	4
CONSORTIS	1	0	1	1	0
CONSORTIS GEOSPATIAL	1	0	1	1	0
BGU	2	0	2	2	0
SP INTERFACE	0	1	1	0	1
UHU	4	1	5	4	1
HABITECH	1	0	1	1	0
UPO	2	1	3	2	1
	78	12	90	79	11

Funding Project distribution

	PAID	FITH PAYMENT	SIXTH PAYMENT	TOTAL
USE	28,400.11 €	6,000.00 €	3,375,00 €	37,775.11 €
CLANER	14,562.50 €	0.00€	1,687.50,00 €	16,250.00 €
TERRITORIA	11,650.00 €	0.00€	1,350.00€	13,000.00€
ICSUL	26,212.50€	0.00€	3,037.50€	29,250.00 €
ENERCOUTIM	2,912,50 €	0.00€	337.50€	3,250.00€
COOPERNICO	8,737.50 €	0,00 €	1,012.50 €	9,750,00 €
UNITN	34,950.00 €	0,00€	4,050.00€	39,000.00€
AUTH	42,600.00 €	4,000.00€	5,400.00€	52,000.00 €
GSH	38,600.00 €	8,000,00€	5,400.00€	52,000.00 €
CONSORTIS	2,912.50 €	0.00€	337.50€	3,250.00 €
CONSORTIS GEOSPATIAL	2,912.50 €	0.00€	337.50€	3,250.00 €
BGU	5,825.00 €	0.00€	675.00€	6,500.00 €
SP INTERFACE	912.50 €	2,000.00€	337.50€	3,250.00 €
UHU	9,662.50€	2,000.00€	1,687.80€	13,350.00€
HABITECH	2,915.50€	0.00€	337.50€	3,250.00€
UPO	4,362.39€	2,000.00€	1,012.50€	7,374.89€
TOTAL BENEFICIARIES	163,187.61 €	26,000.00€	30,375.00€	292,500.00€
COORDINADOR	82,125.00 €			30,375.00 €

Final Project Meeting

Malta?, September 2023

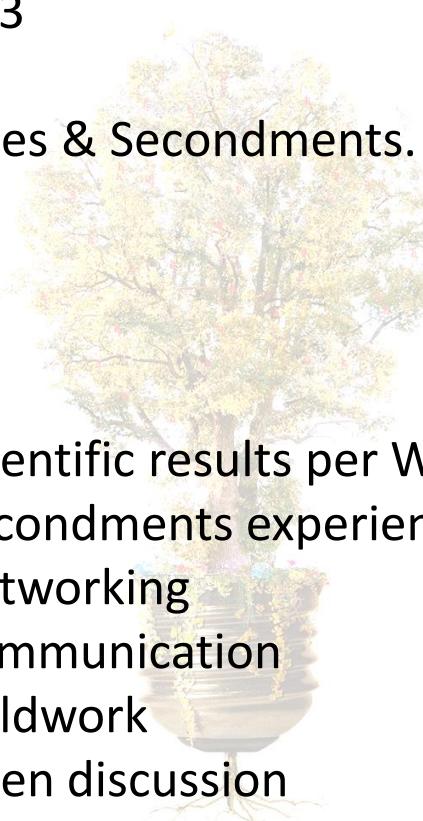
(Sicily? Mallorca? Seville?)

Participants: Beneficiaries & Secondments. Advisory Board

Local support

Programme items:

- ✓ scientific results per WPs
- ✓ secondments experiences
- ✓ networking
- ✓ communication
- ✓ fieldwork
- ✓ open discussion



MSCA RISE next call

Jean Monnet Actions in the field of Higher Education: Chair

Deadline 14 Feb 2023

1 Mar 2022

2024



Jean Monnet Chairs

<https://erasmus-plus.ec.europa.eu/opportunities/opportunities-for-organisations/jean-monnet-actions/jean-monnet-chairs>

The Erasmus+ Programme Guide is the main source of information on Jean Monnet Chairs, although more information on the application process is available from European Education and Culture Executive Agency.. For further information you can contact the European Education and Culture Executive Agency, or you can contact the European Commission

Open Discussion and Questions



Thanks for your attention



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