

→ Special "Lens" on:
 WIDERA
 → Focus on "Twinning"
 Session-XII / Room-4



CHANIA2023 22June 2023

Pierantonios Papazoglou

BSc-ENV, MEng-ENV, 6-sigma, NEBOSH, CSTC, Voc.Trainer, EARMA, IAEM, ICPEM Res.Assoc. in Safety of First Responders and Civil Protection CERIDES Research & Strategy Manager SEMEDFIRE-Twinning Chief-Project-Manager CL3 Security | Clima & Environment | WIDERA | MSCA-PF





Presenter's Background

• Professional Experience:

2000-2005. Laboratory Researcher (Aegean & Stevens)
2007-2008. Environment Research Officer (Univ. Nicosia)
2008-2017. NCP & PCM FP7 - H2020, CY-RIF: "MSCA" | EURAXESS | "Clima & Env" | Space
2017-2021. Cyprus Institute: Head-Project-Manager of TEAMING-CoE-"EMME-CARE"/
2003-now. >100 projects | various sizes | mainly in scientific/ research domain
→ various Roles: Implementer/ Task-Lead/ WP-Lead/ Manager/ Progr. or Portfolio Mngr.
ETEK-Natural-Disasters, AvAΔ-Certified Voc.Trainer, PMI CY-Chapter, EARMA P&RC, IAEM, ICPEM, NEBOSH, EC-Expert Evaluator in R&I projects



EUC - CERIDES (https://cerides.euc.ac.cy):

- Research & Strategy Manager | Portfolio/ Project Mngt, Identif. of (funding) Opportunities & Networking
- Proposal Writing Support & Mentoring/ Training/ Capacity Build. for EU Grants.

#Horizon

European

University Cyprus

REPIФEPEIA KPHTHI

• PhD \rightarrow Safety of First Responders / Emergency Responders





22June 2023





LIBROPH.





Centre-of-Excellence in Risk & Decision Sciences

European University Cyprus

http://cerides.euc.ac.cy

Cyprus

CER DES



AHMOE

XANION

ΔΕΔΙΣΑ

REPICEPEIA KPHTHI

Totality Intently

#HorizonEl



8





0

EUROPEAN UNIVERSITY CYPRUS



Joined EURAXESS in 2022

Receive free personalized services in:

- available research positions / job opportunities
- funding and grants opportunities
- career development counseling
- visa requirements and work permits
- compensation, benefits and deductions
- ethical considerations in research and procedures for ethics approval

#HorizonEl

Research Areas

Computer Science and Engineering Social Sciences **Risk and Decision Sciences** Health and Biomedical Sciences Medicine Law

Get in touch Andri Christoforou A.Christoforou@euc.ac.cy **Pierantonios Papazoglou** P.Papazoglou@research.euc.ac.c





REPIФEPEIA KPHTHI

AHMOE

XANION

ΔΕΔΙΣΑ



EXCELLENT * * * * *

Great

Place

Work Certified CYPRUS

То



#HorizonEU



















CER!DES – Excellence in Innovation and Technology Aims

OUR IDENTITY

We are a Science, Education, Innovation, Research, Excellence - Centre

Our name is...CERIDES = Centre of Excellence in Risk and **DEcision Sciences**

VISION

R

To become the leading Mediterranean institution of research and applied activities, in the domains of Occupational Safety & Health, Disaster and Emergency Management, and Safety Security, and to foster long-term international collaborations leading to safer and more secure societies in the region.

2 European University Cyprus



AHMOE

XANION

ΔΕΔΙΣΑ

REPIФEPEIA KPHTHX





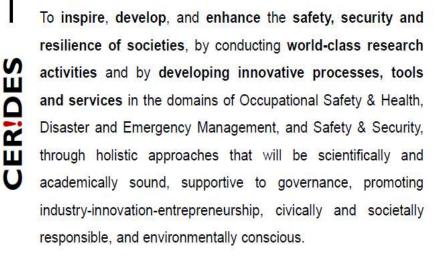
LURICON





CER!DES – Excellence in Innovation and Technology Aims

MISSION











CHANIA2023 22June 2023

XANION

ΔΕΔΙΣΑ



CER DES







LEUROPE







50

#HorizonEL

Facts and Figures in 2021-22

 Employs 9 Faculty + 30 Researchers (10 PhD Candidates)

Has attracted already

Coordinating 3 H2020,

in excess of €10 Mn

Ι ΙδΕΚ, 4 DG ECHO

H2020

DG ECHO

DG Home

DG Justice

Foundation

REPICEPEIA KPHTHX

Research Promotion

AHMOE

XANION

ΔΕΔΙΣΑ

FP7

25+ EU funded

projects







CHANIA2023 22June 2023

2 European University Cypri

CERDE

LEURSPE

8

0

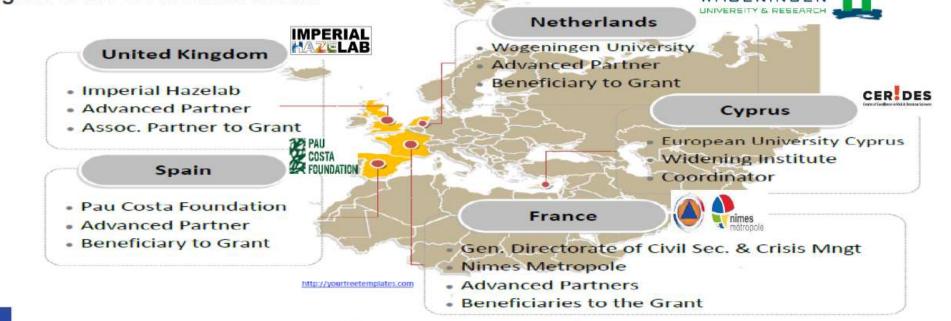




#HorizonEU

Presenter's Organisation

Culminating to strategic HEU-WIDERA-Twinning "SEMEDFIRE", which teams-up world-renown Experts in the Fire/Wildfire domain, so as to elevate our knowledge and experience, in order for us to become a "lighthouse" of excellence in Fire/Wildfire Research in Cyprus and the region of the SE-Mediterranean.



Among the important outcomes of the SEMEFIRE-project will be:

> "Basic Fire Management Suite for Cyprus and the Region" co-developed with Imperial.

#HorizonE

- >"Integrated Fire Management Strategy for Cyprus and the Region" co-developed with Wageningen.
- "Forest Fires Community Engagement Plan for Cyprus and the Region" with Pau Costa Foundation.
- "Fire-Governance and Agencies-Interoperability White Paper" with French Sec. Civile & Nîmes.

ERIDE

2 European University Cyprus

CERDES



AFAITA



J.

E

2June 2023



Presentation Outline



I am addressing a well-versed "Applicant audience", my 'Applicant's Perspective' is presented in the form of: "What would I like to receive as insight/advice..."

REPIФEPEIA KPHTHI

regarding:

•Horizon Europe and WIDERA "Insight"...

No 'statistics' / 'success-rates' / 'useful links' / 'stuff I can find and read myself' But insight on what I need to realize and consider so as to engage in the endeavor!

• Consortium... "Mechanics"...!

Partner Search overview/ suggestions

Proposal Writing...!

What to Consider in the Application

"Hints" and "Tips"







WHAT is HORIZON EUROPE ...at a glance...

https://ec.europa.eu/info/horizon-europe_en





🗳 Some… "Truths" to… realize, as an Applicant…!!! 🖉

• You need to showcase EUROPEAN ADDED VALUE...!



- HEROPE

→Must have **"European dimension"** and **"Pathways to** (European) **Impact"**.

8

22June 2023

MISSION AREAS

Soil health and food

AHMOE XANIQN Cancer



- Transnationality, replicability, transferability: keywords for both "challenges"/"problems" addressed, and "solutions" proposed.
- → Also some... *extras* especially for **WIDENING Actions**... (see shortly!)

The European

WtERT

Green Deal

REPIOEPEIA KPHTHX

- You need to showcase how you contribute to the priorities of:
 - the EU GREEN DEAL,
 - the EU Green Transition,
 - → as well as how you align with the EU Missions...

Some... "Truths" to... realize, as an Applicant... P

\rightarrow for WIDERA... you need to showcase:

- How you align with the Smart Specialization Strategy of your Widening Country..! → so... consider also 'Cohesion Policy' and 'Enlargement & Neighborhood Policy'...
- How you synergistically capitalize/ mobilize any national (and even regional/local/ institutional) funding and investments...
- IF you (and your hierarchies...) are ready, and HOW (tangibly), to make institutional changes/ reforms that will establish and foster "ERA-grade" excellence...
 - → Consider also (if not mainly...) the structures/ practices/ 'mentalities' of RMA, as well as the overall 'ecosystem' of where your research is proposed to be conducted...

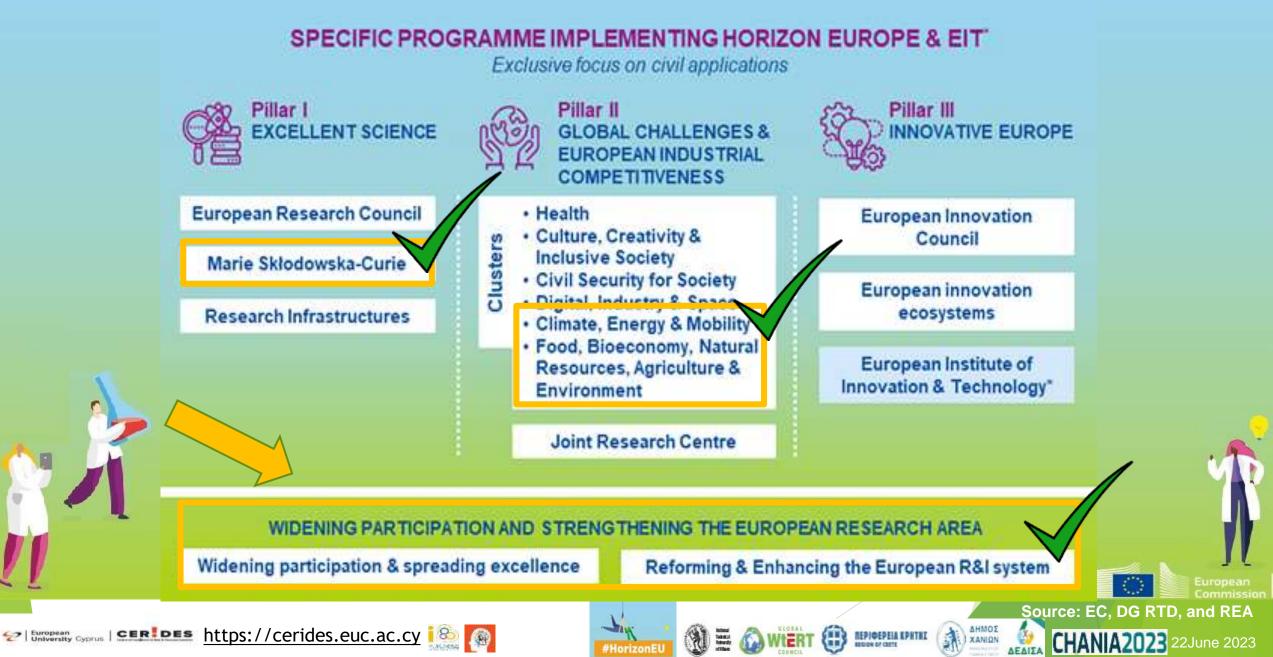
How you will establish long-standing 'win-win' Partnerships with 'Advanced Partners', which will foster raising researchreputation, image/visibility, brain-circulation/ brain-gain...

#HorizonEl











WIDERA part of Horizon Europe...







According to the Horizon Europe regulation ... the less advanced countries ...

eligible for hosting the co-ordinator of widening actions are Bulgaria, Croatia, Cyprus, Czechia, Estonia, Greece, Hungary, Latvia, Lithuania, Malta, Poland, Portugal, Romania, Slovakia, Slovenia and all Associated Countries with equivalent characteristics in terms of R&I performance (Albania, Armenia, Bosnia & Herzegovina, Faroe Islands, Georgia, Kosovo⁴, Moldova, Montenegro, North Macedonia, Serbia, Tunisia, Turkey, Ukraine, and once associated Morocco), as well as the Outermost Regions (defined in Art. 349 TFEU).

This designation is without prejudice to positions on status and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.

Hereinafter, these countries including the Outermost Regions will be named 'Widening countries' in this document.

Horizon Europe - Work Programme 2023-2024 Widening participation and strengthening the European Research Area

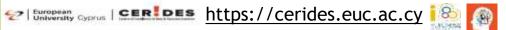
WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

#HorizonE

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

REPIФEPEIA KPHTHX









Source: EC, DG RTD, and REA

ΔΕΔΙΣΑ

WHO... is eligible for... funding in HEU...!!!





HOROF



EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.



NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC)
- Low and middle income countries: See HE Programme Guide.
- Other countries when announced in the call or exceptionally if their participation is essential

#HorizonEl



SPECIFIC CASES

Affiliated entities established in countries eligible for funding.



Ð

EU bodies

REPIOEPEIA KPHTHX

- International organisations (IO):
 - International European research organisations are eligible for funding.
 - Other IO are not eligible (only exceptionally if participation is essential)
 - IO in a MS or AC are eligible for funding for Training and mobility actions and when announced in the call conditions

ΔΕΔΙΣΑ

AHMOE

CANION





Source: EC, DG RTD, and REA







WHO... is eligible for... funding...!!!

Associated Countries



For the purposes of the eligibility conditions, applicants established in Horizon 2020 Associated Countries or in other third countries negotiating association to Horizon Europe will be treated as entities established in an Associated Country, if the Horizon Europe association agreement with the third country concerned applies at the time of signature of the grant agreement.

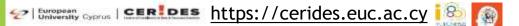
Source: EC. DG RTD, and REA

22June 2023





- The UK is expected to soon become an associated country to Horizon Europe. UK entities can take part in the first calls for proposals of Horizon Europe
- The UK is associating to the full Horizon Europe programme with the only exception of the EIC Fund (which is the loan/equity instrument of the EIC).



WHO... is eligible for... funding...!!!

Eligibility





#HorizonEU



Consortium composition (collaborative projects)

- at least one independent legal entity established in a Member State, and
- at least two other independent legal entities each established either in a different Member State or an Associated Country.



ΔΕΔΙΣΑ

REPIФEPEIA KPHTHX

Gender Equality Plan (applicable only from 2022 on)

Participants that are public bodies, research organisations or higher education establishments from Members States and Associated countries **must have a gender** equality plan, covering minimum process-related requirements.

- A self-declaration will be requested at proposal stage (for all types of participants).
- Included in the entity validation process (based on self-declaration)

#Horizon





Source: EC, DG RTD, and REA

CHANIA2023 22June 2023

J.

WHAT... is eligible for... funding...!!!



LEREPE



Activities eligible for funding



Eligible activities are the ones described in the call conditions Activities must focus exclusively on civil applications and <u>must not</u>:



 intend to modify the genetic heritage of human beings which could make such changes heritable (except for research relating to cancer treatment of the gonads, which may be financed); Å

Ð

Source: EC, DG RTD, and REA

AFAITA

CHANIA2023 22June 2023

 intend to create human embryos solely for the purpose of research, or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer;

#Horizon

REPIФEPEIA KPHTHX

lead to the destruction of human embryos.







Research and innovation action (RIA)

#HorizonEU

Innovation action (IA)

Coordinatio n and support actions (CSA)

Programme co-fund actions (CoFund)

Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution

Activities to produce plans and arrangements or designs for new. altered or improved products, processes or services.

Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'

A programme of activities established or implemented by legal entities managing or funding R&I programmes, other than EU funding bodies.

#HorizonEL

Innovation and market deployment actions (IMDA)

Precommercial procurement actions/ (PCP)

Public procurement of innovative solutions actions (PPI) Activities that embed an innovation action and other activities necessary to deploy an innovation on the market. (EIC)

Activities that aim to improve the skills. knowledge and career prospects of researchers, based on mobility between countries and, if relevant, between sectors or disciplines. (MSCA)

Activities that aim to help a buyers' group to strengthen the public procurement of research, development, validation and, possibly, the first deployment of new solutions

Activities that aim to strengthen the ability of a buyers' group to deploy innovative solutions early

AHMOE

XANION

ΔΕΔΙΣΑ

REPICEPEIA EPHTHY

Source: EC, DG RTD, and REA



Funding... RATES...!!!



Source: EC, DG RTD, and REA

CHANIA2023 22June 2023

AHMOE

CANION

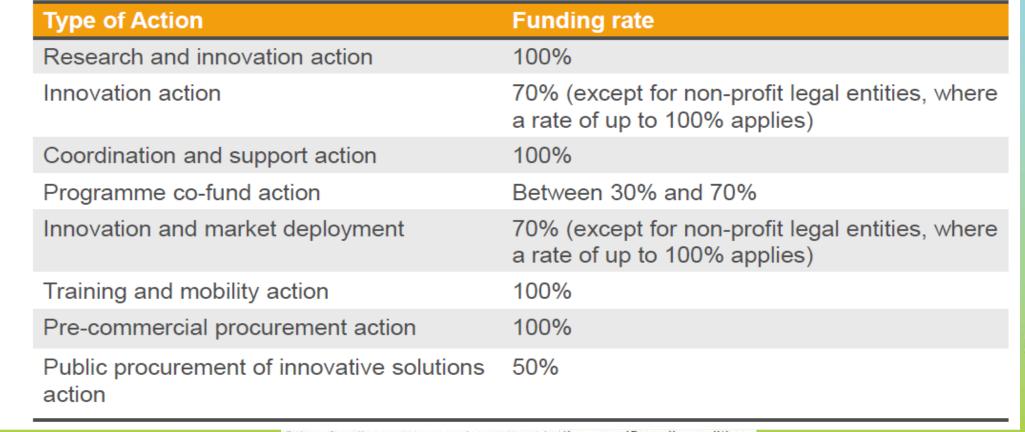
ΔΕΔΙΣΑ

REPIФEPEIA KPHTHI



LERE





Other funding rates may be set out in the specific call conditions

#HorizonEl



Ĩ,





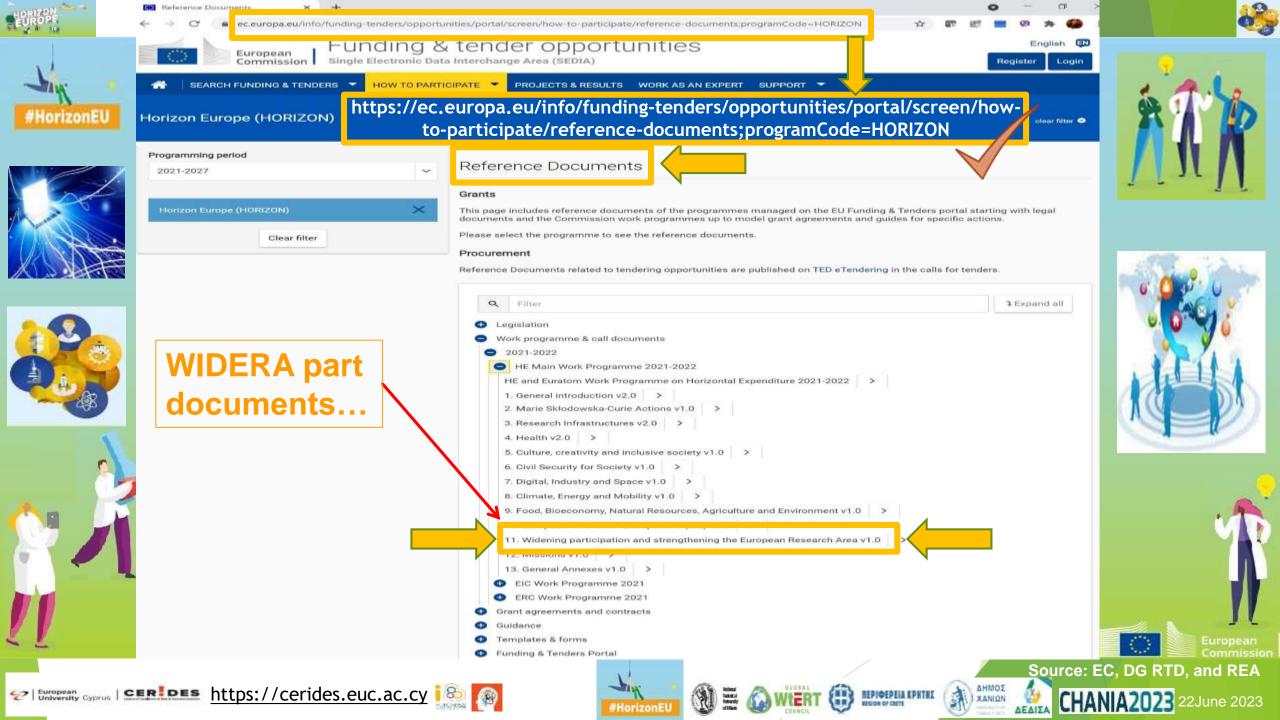
WHERE to find Upcoming Funding Opportunities

https://ec.europa.eu/info/funding-

tenders/opportunities/portal/screen/opportunities/topic-search

			erchange Area (SED		#HorizonEU
Horizon	Europe (HORIZON)	words only TENDE	Q RS Closed (1)		
	Programming perio 2021 - 2027 (16)	d	××		European Commission
https://cerides.euc.a	c.cy 🛞 🛞	HorizonEU		T (REPIGEPELA EPHTHE	Source: EC, DG RTD, and REA









Consortium...











To achieve European Added Value... Transnationality, replicability and transferability...



• To achieve WIDERA scopes, you need...

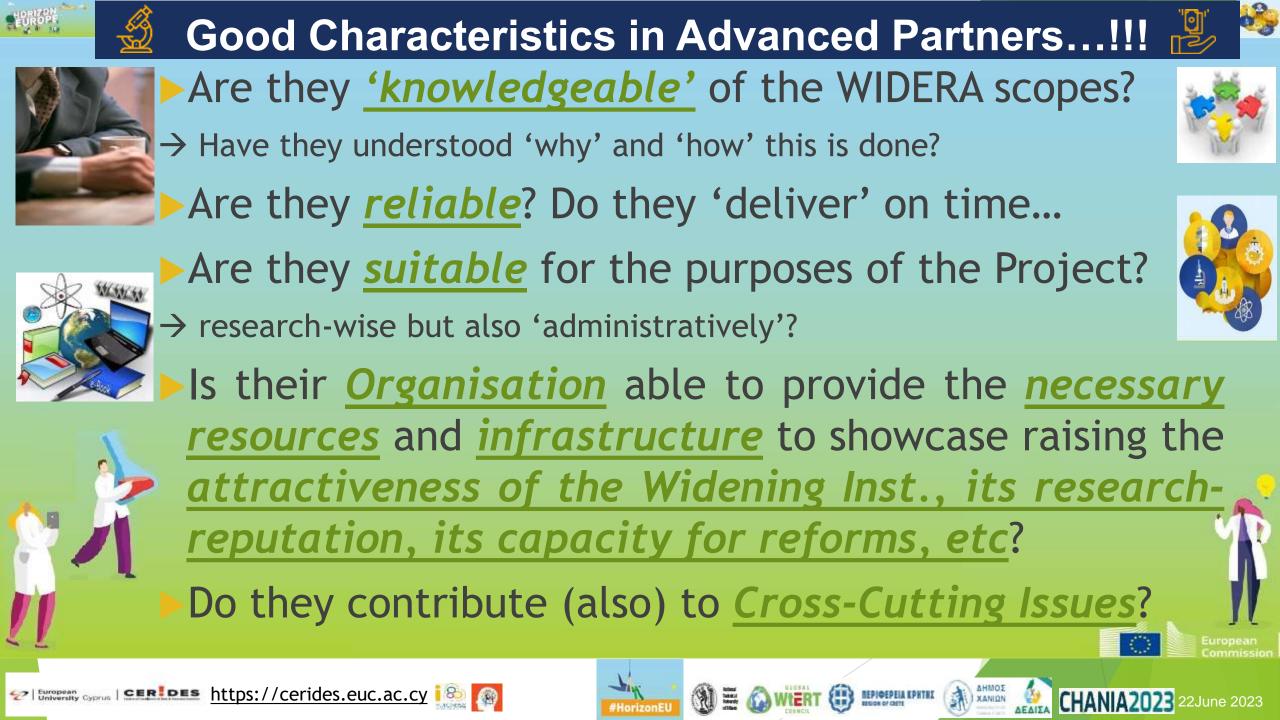


udded Valu

Good Advanced PARTNERS and good Consortium...!

🛞 E 🙆

ALE REPIGEPEIA KPHTHI



HDRIZON EUROPE

Characteristics of a Good WIDERA-Consortium...!



Experienced Widening-**Institution Coordinator**



- Experts/Scientists with track record, relevant expertise and skills
- Good infrastructure and resources

 Partners contributing to "quintuple helix"

and "triple-i dimension"



✓ Gender Balance



 Multidisciplinarity and **Complementarity** (no major overlaps) and synergies



- ✓ Relevant stakeholders
- Balanced work-distribution

ΔΗΜΟΣ ΧΑΝΙΩΝ

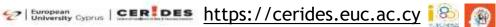
✓ Added value & Win-Win of/by/for each Partner



Previous collaborations

REPIOEPEIA KPHTHE

Commitment













- Previous Collaborations in (EU) Projects
 - Contacts from participation in Working Groups / Committees

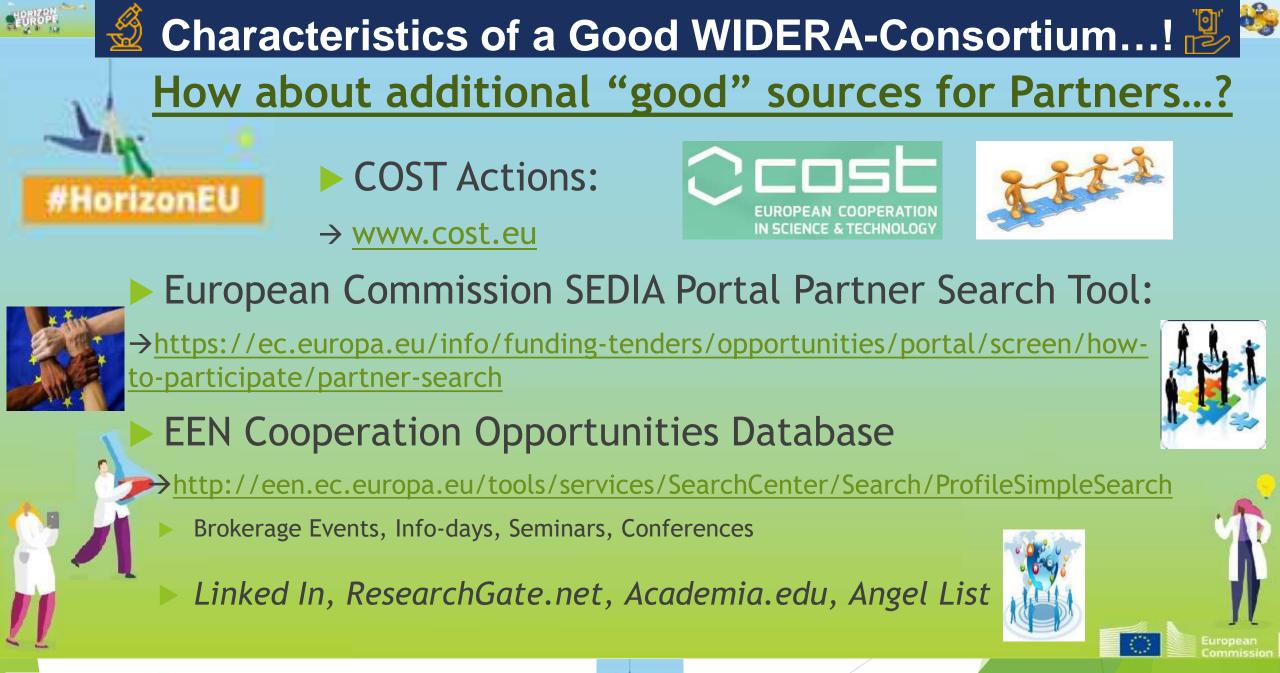






REPIOEPEIA EPHTHE







REPIФEPEIA KPHTHX

XANION

22June 2023





WHAT to Consider when Preparing an Application for Horizon Europe



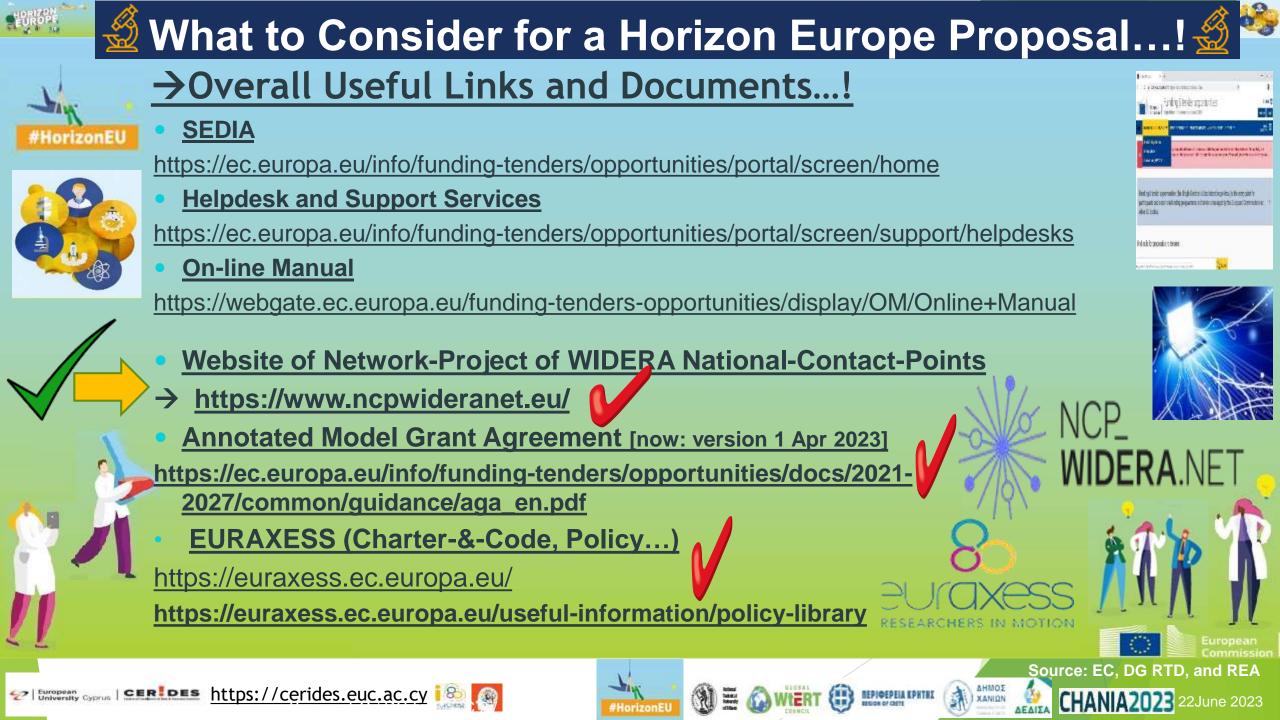




WERT

Notice Telescol Telescoly collidee

#HorizonEl



What to Consider for a Horizon Europe Proposal...! 🗳 **Key principles**



HOR OPE

#HorizonEl

Your proposed work must be within the scope of a work programme topic



You need to demonstrate that your idea is ambitious and goes beyond the state of the art

Your scientific methodology must take into account interdisciplinary, gender dimension and open science practices. It must not significantly harm the environment

Ð

Source: EC, DG RTD, and REA

ΔΕΔΙΣΑ

CHANIA2023 22June 2023



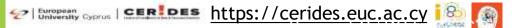
You should show how your project could contribute to the outcomes and impacts described in the work programme (the pathway to impact)

You should describe the planned measures to maximise the impact of your project ('plan for the dissemination and exploitation including communication activities')

REPIФEPEIA KPHTHI

You should demonstrate the quality of your work plan, resources and participants

#Horizon



🦉 🖉 What to Consider for a Horizon Europe Proposal! <u> </u>							
Jun 6		Policy and Horizont	al / Cross-Cutting Considerations				
#HorizonEU	ß	Open Science across the programme	Open Science Open science is an approach based on open cooperative work and systematic sharing of knowledge and tools as early and widely as possible in the process. Including active engagement of society				
	R	Gender dimension in R&I content	Gender Dimension Addressing the gender dimension in research and innovation entails taking into account sex and gender in the whole research & innovation process.				
	0	Pathway to impact	Project's pathway towards impactby thinking about the specific contribution the project can make to the expected outcomes and impacts set out in the Work Programme.				
		Measures to maximise impact	Dissemination, exploitation and communication of therwise.				
<u> </u>	9.	Do no significant harm principle (DNSH)	European Green Deal In line with the European Green Deal objectives, the research and innovation activities should not make a significant harm to any of the six environmental objectives (EU Taxonomy Regulation)				
	£	Artificial intelligence	Trustworthy Artificial IntelligenceDue diligence is required regarding the trustworthiness of all Al-based systems/ techniques used or developed in projects funded under Horizon Europe.				
21			European Commission				

🖞 What to Consider for a Horizon Europe Proposal...! 🗳



Application form (proposal template)



Same structure

The proposal contains two parts:



Part A (web-based forms) is generated by the IT system. It is based on the information entered by the participants through the submission system in the Funding & Tenders Portal.

S.

TE.

Ð

Source: EC, DG RTD, and REA

22June 2023

CHANIA2023

Part B is the narrative part that includes three sections that each correspond to an evaluation criterion. Part B needs to be uploaded as a PDF document following the templates downloaded by the applicants in the submission system for the specific call or topic.



"Hints" and "Tips" for HEU-WIDERA Proposals...! →Common 'traps' / 'pitfalls' / 'errors'



CCLC

ALE MEPIOEPEIA KPHTHI







Generic and/or insufficiently demonstrated Objectives.

- Scientific/ Innovation Strategy of Widening Institution is not sufficiently described and/or not aligned to national Specialization Strategy or other Strategic Policies/ Documents
- Unclear pathway to increasing competitive research funding and publications/ reputation/ attractiveness of Widening Inst. Unclear IPR/ Innovation/ Data Management and Risk Mngt.
- Poor allocation of resources and non-detailed budget.
- Essential parts of the Template are disregarded...!

Proposal written as a purely Scientific Paper...

Not-final...Wrong draft submitted...!



🖞 "Hints" and "Tips" for HEU-WIDERA Proposals...! 🔮



Ŝ7

CHANIA2023 22June 2023

AHMOE XANIQN

WERT 🚯 MERT (

\rightarrow What Evaluators expect



#HorizonEU

- Well-organised, "flowing" text. Proposal should make the Evaluators' "life" easier: consistent, well-written, following guidelines/templates, "built" around the Evaluation Criteria to help the Evaluators score easily.
- Always revisit the Criteria-questions... Stay within "Scope" and "Expected Impact".
 - $(\rightarrow$ copy from Documentation and work around it)
- •No duplications of previous works/projects, but... capitalizing on them.
- Explain abbreviations/ Use Glossary, Use tables and diagrams (relevant and easily understandable).
- Use Structure from Templates... Use Headings and subheadings from Templates...

"Hints" and "Tips" for HEU-WIDERA Proposals...!

\rightarrow Overall Advice

Use Margins and Font Size / Page-Numbering / Page Limits set in Templates...!



#HorizonEl

- Accurate, Verifiable and Professional content (refer. where needed).
- No "emphatic" statements and claims that are unsubstantiated.
- Consistent in English throughout. NO jargon or slang.
- Write for the "non-specialist" educate the Evaluator to understand what you want to do and why it is worth the funding...
- No typos, no inconsistencies, no obvious cut-&-paste, no numbers which don't add up, no missing pages...

WERT (REPIGEPEIA KPHTHE

ΔΗΜΟΣ ΧΑΝΙΩΝ

Details - Details... but also «economy» in words...



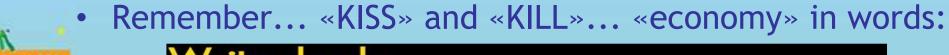


CHANIA2023 22June 2023

🗳 "Hints" and "Tips" for Horizon Europe Proposals…!🗳







Write clearly:

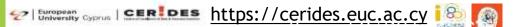
Omit needless words

"The main purpose of any scientific article is to convey in the fewest number of words the ideas, procedures, and conclusions of an investigator to the scientific community. Whether or not this admirable aim is accomplished depends to a large extent on how skillful the author is in assembling the words of the English language."

(Gaafar, 1981, "Use, misuse and abuse of language in scientific writing")

 Acknowledgement: Prof. M. Avraamides, UCY
 European Commission's Clear Writing Tips Campaign...:

> https://commission.europa.eu/about-europeancommission/departments-and-executiveagencies/translation/clear-writing-europe_en





74

Clear Writing tips

CHANIA2023 22June 2023



XANION

22June 2023



"Hints" and "Tips" for Horizon Europe Proposals...!

✓ Develop end-to-end applications!

#HorizonEl

1 European Cyprus | CERIDES https://cerides.euc.ac.cy

✓ Showcase and build on trials, and develop/ further enhance any early prototypes...



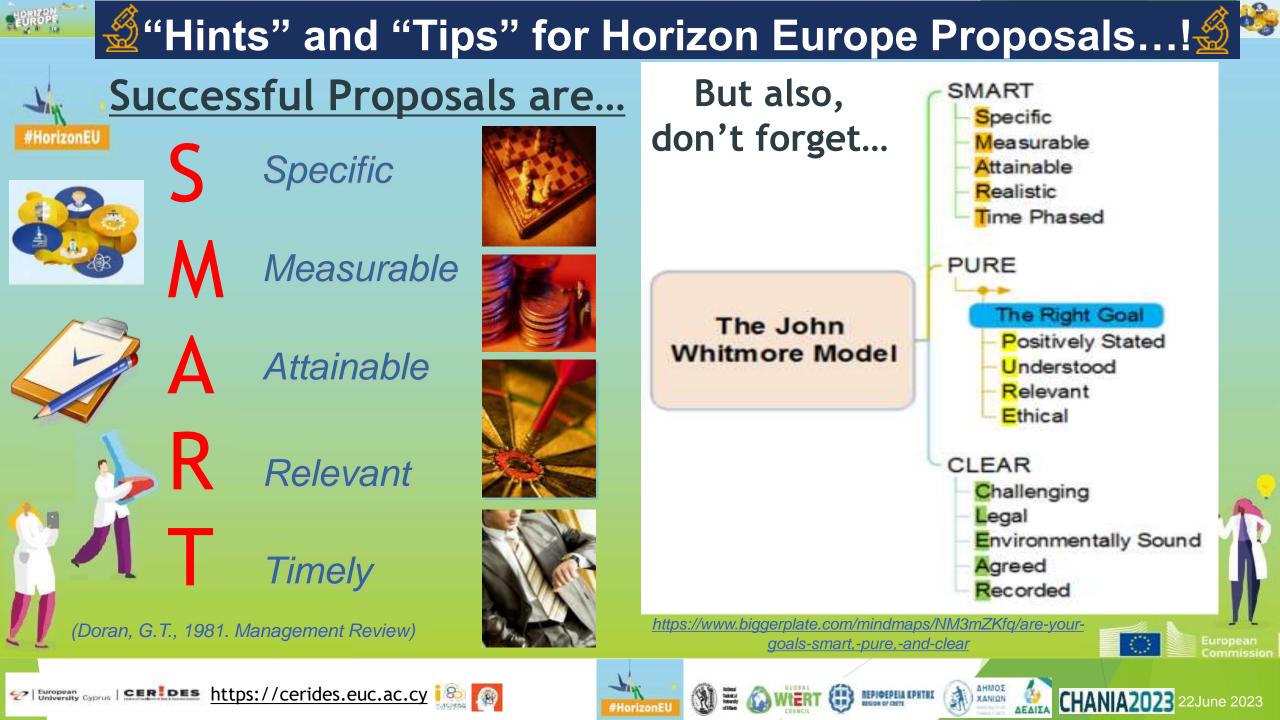


- ✓Underline the Innovative, Beyond-the-State-of-Art character of your solution/ project...
- ✓ Provide Public Benefits from your solution/ project...
- Strengthen the community of relevant developers of technologies!
- Exploit (if any) mature business concepts...
- ✓ Don't forget Technology Readiness Level(s)...!
 ✓ Take into account relevant standards and regulations (eg. Safety and security)...!



ALE REPIOEPEIA KPHTHE

XANION





Hints-&-Tips 'Special Lens' on WIDERA...! NCP_ WIDERA.NET

Publications Newsletter Open calls Contact Home About WIDERA



#HorizonEU



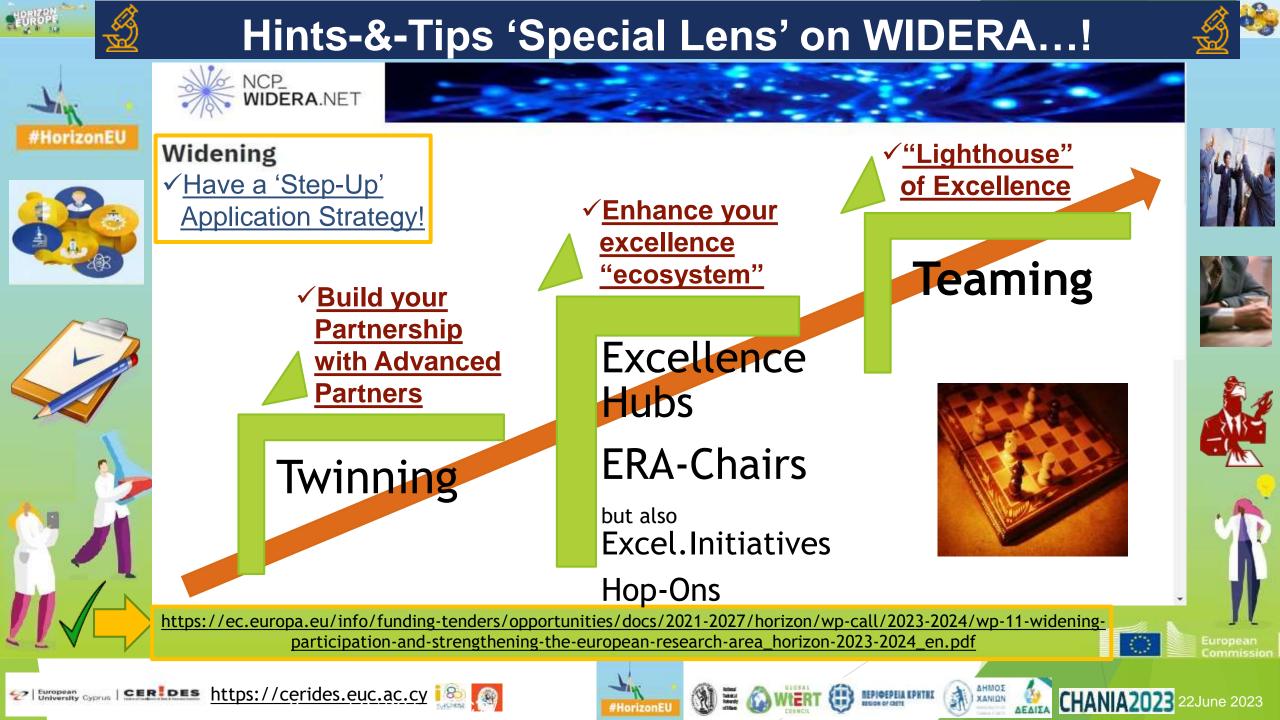


Widening

Currently the EU is facing a situation where disparities in research excellence and innovation performance at national and regional level are significantly wide . Furthermore, low participation in the EU framework programs, inadequate R&D&I investment at national level or lack of synergies between national research systems/strategies and the EU landscape in certain countries hamper competitiveness, business growth and employment creation.

To prevent further disparities, maximize investment in R&D and enhance economic growth, the Horizon Europe took relevant actions under the separate specific objective "Widening Participation and Spreading Excellence". Its core aim is to fill in the gap between research and innovation in countries lagging behind the rest of Europe in terms of scientific output by investing in selected knowledge institutions, enhancing research excellence, creating new CoE or creating space for international cooperation for researches.







"Hints-&-Tips" focus on TWINNING Proposals...!

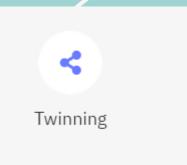
#HorizonE



#HorizonEU







Twinning aims to build on the huge potential of networking for excellence through knowledge transfer and exchange of best practice between research institutions and leading partners.

REPIOEPEIA KPHTHX

XANION

CHANIA2023







22June 2023



"Hints-&-Tips" focus on TWINNING Proposals...!



<u></u>



- Proposal has to convince that, through the Networking, it will add value and lead structural changes towards excellence in the WIDENING Institution; must have defined **Objectives** and **concrete Impacts** (both science & RMA)
 - Clear description of the competencies and synergies of Advanced Partner(s).
 - Contribution to and/or alignment with national Smart Specialisation Strategy, and **pregional/European Strategies**, as well as **Change in** the Widening Institution (both science & RMA)
 - Clear Work Plan, Contingency Planning, IPR and Risk management considerations, Communication/ Dissemination Plans, and concrete/detailed Budget.











Contact Details – Acknowledgements – Thank You

in

LinkedIN: https://www.linkedin.com/in/pierantoniospapazoglou/





2 European University Cyprus CERED

5

HORIZON

	Pierantonios Papazoglou	У	Twitter: <u>https://twitter.com/ppapazog</u>	
	Research & Strategy Manager	0	Facebook: https://www.facebook.com/pierantonios.papazoglou/	
	European University Cyprus - CERIDES Email:	0	Instagram: https://www.instagram.com/pierantoniospapazoglou/	
	p.papazoglou@research.euc.ac.cy	Ð	ORCID: https://orcid.org/0000-0002-2785-8360	
	facebook.com/semedfire twitter.com/semedf	fire		
	 DG-RTD DG-EAC REA and EASME NCP_WIDERA.NET CY-NCP (RIF) 		<section-header></section-header>	
DE	https://cerides.euc.ac.cy	mEU		023