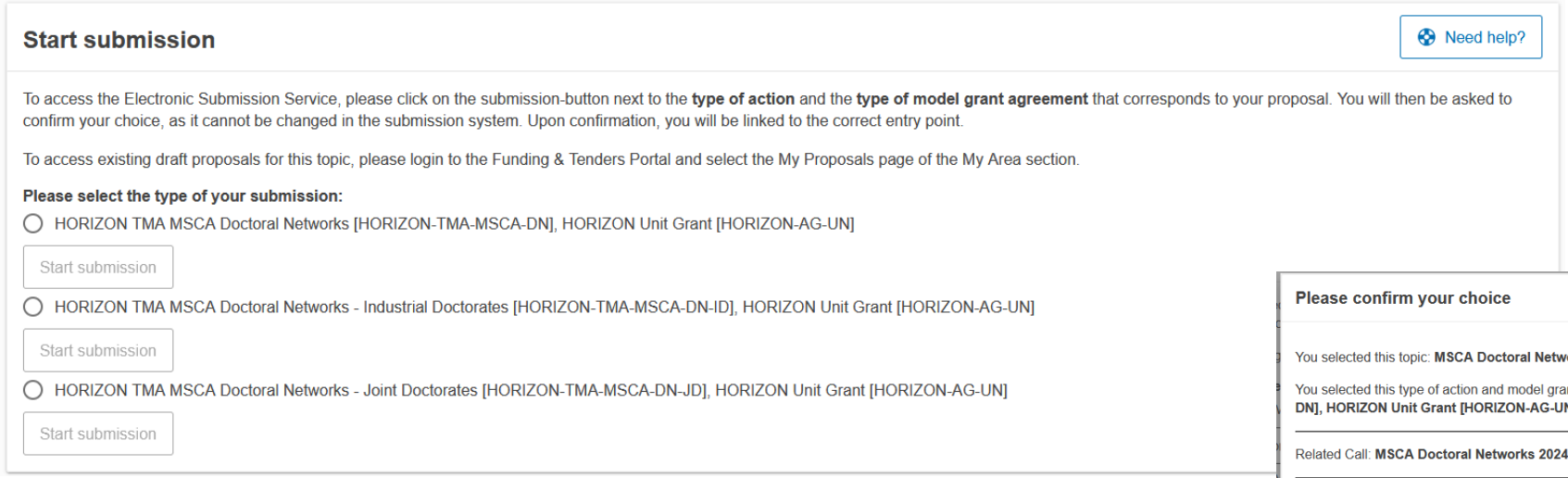
MSCA DN 2024: Preparación de propuestas

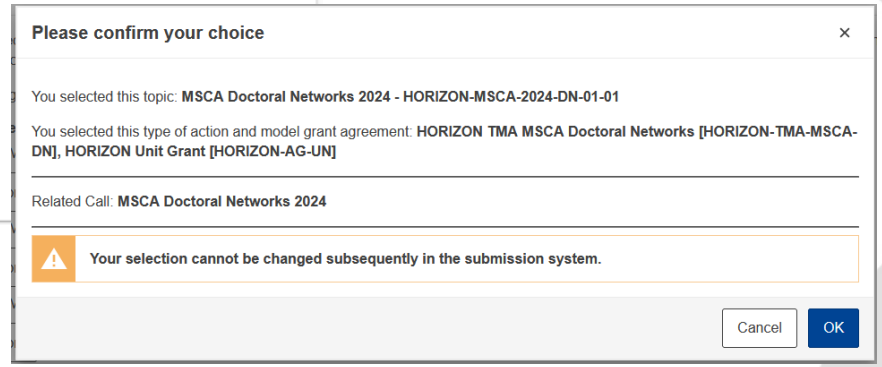
Seminario nacional online aspectos práctico MSCA DN 2024

9 de octubre de 2024

GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES
FECYT INNOVACIÓN
oficina europea

Funding & Tenders Portal





- FAQs
- Documentación de apoyo
  - Templates (PDF)
  - Guide for Applicants 2024

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-msca-2024-dn-01-01

Guide for Applicants 2024

3.0 2024	24.04.2024	▪ Update of DN-JD rules for joint/double/multiple degrees ▪ Further clarification on the resubmission restrictions approach ▪ Addition of paragraph on high-risk suppliers	4 6 6

joint, double or multiple doctoral degrees recognised **in at least two** EU Member States (MS) or Horizon Europe Associated Countries (AC).

Vs

joint, double or multiple doctoral degrees recognised **in at least one** EU Member State (MS) or Horizon Europe Associated Country (AC).

similar proposal

Vs

any proposal involving **70% or more of the same recruiting organisations** as in another proposal submitted to the previous call of the MSCA Doctoral Networks

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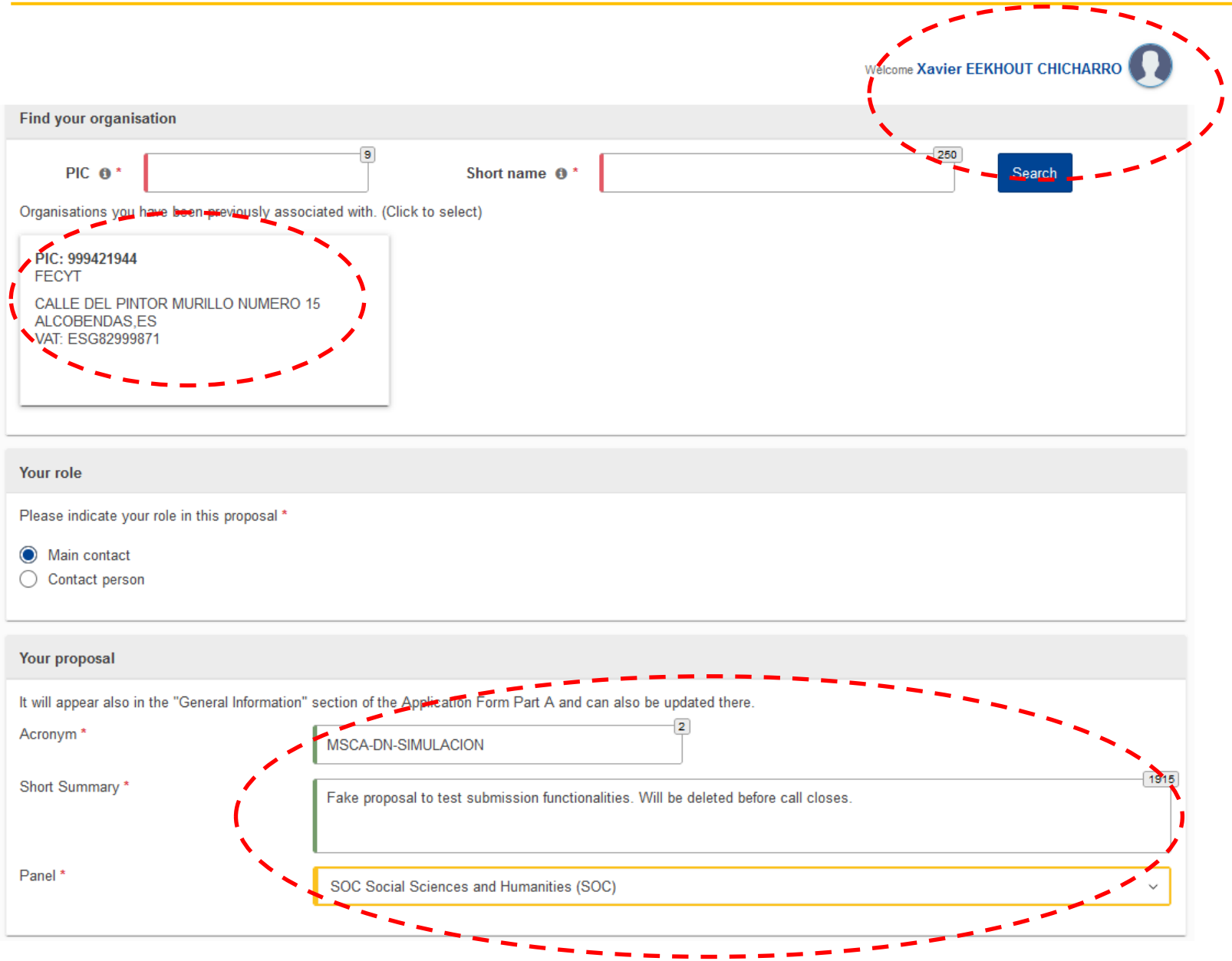

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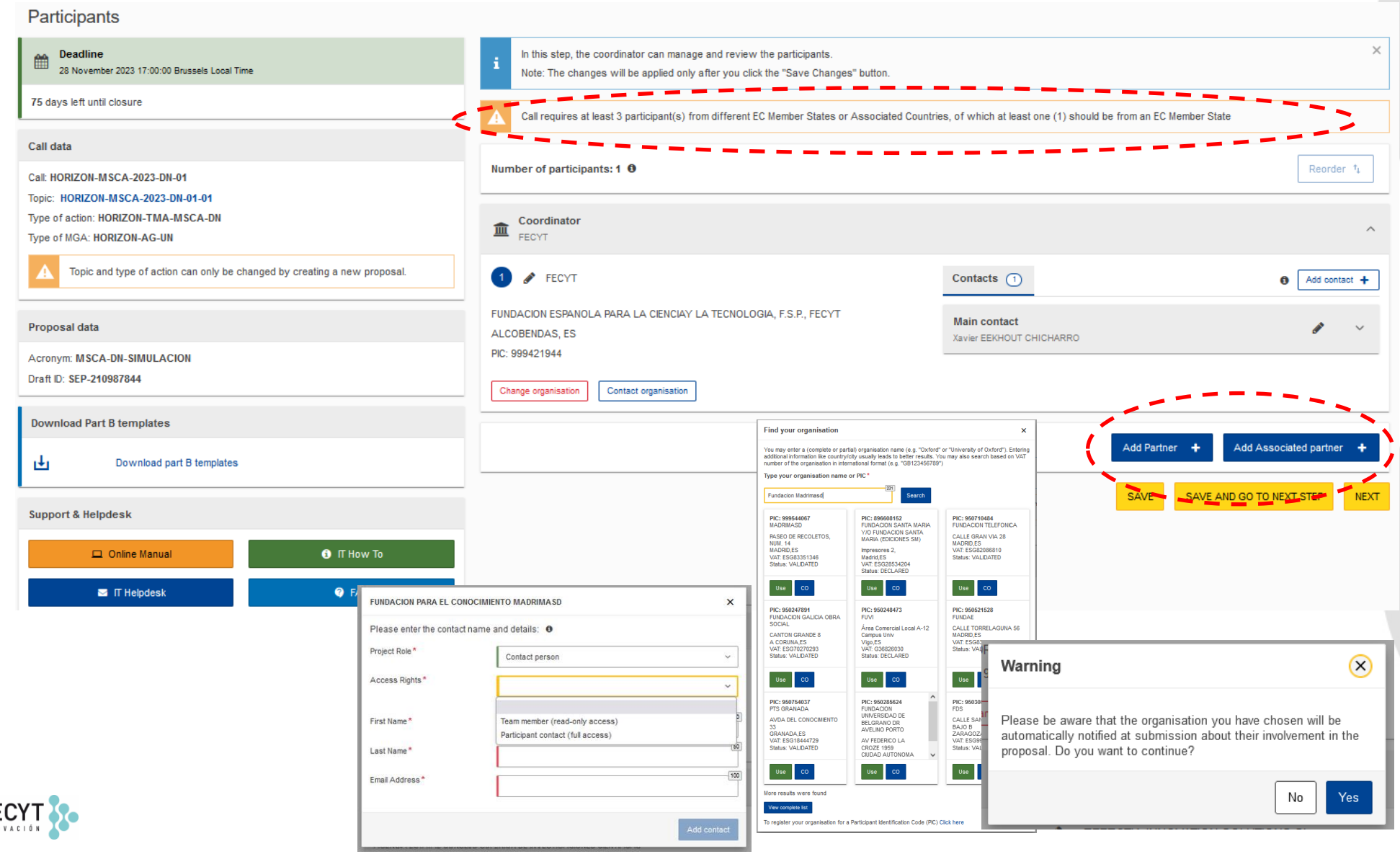


Consorcio

Minimum Number of Participating Organisations and Maximum Project Duration			
Role in the network	DN	DN-ID*	DN-JD
Beneficiary[3]	3	3	3
Associated Partner[4]	No minimum	No minimum	No minimum
Maximum Project Duration (months)	48	48	60**

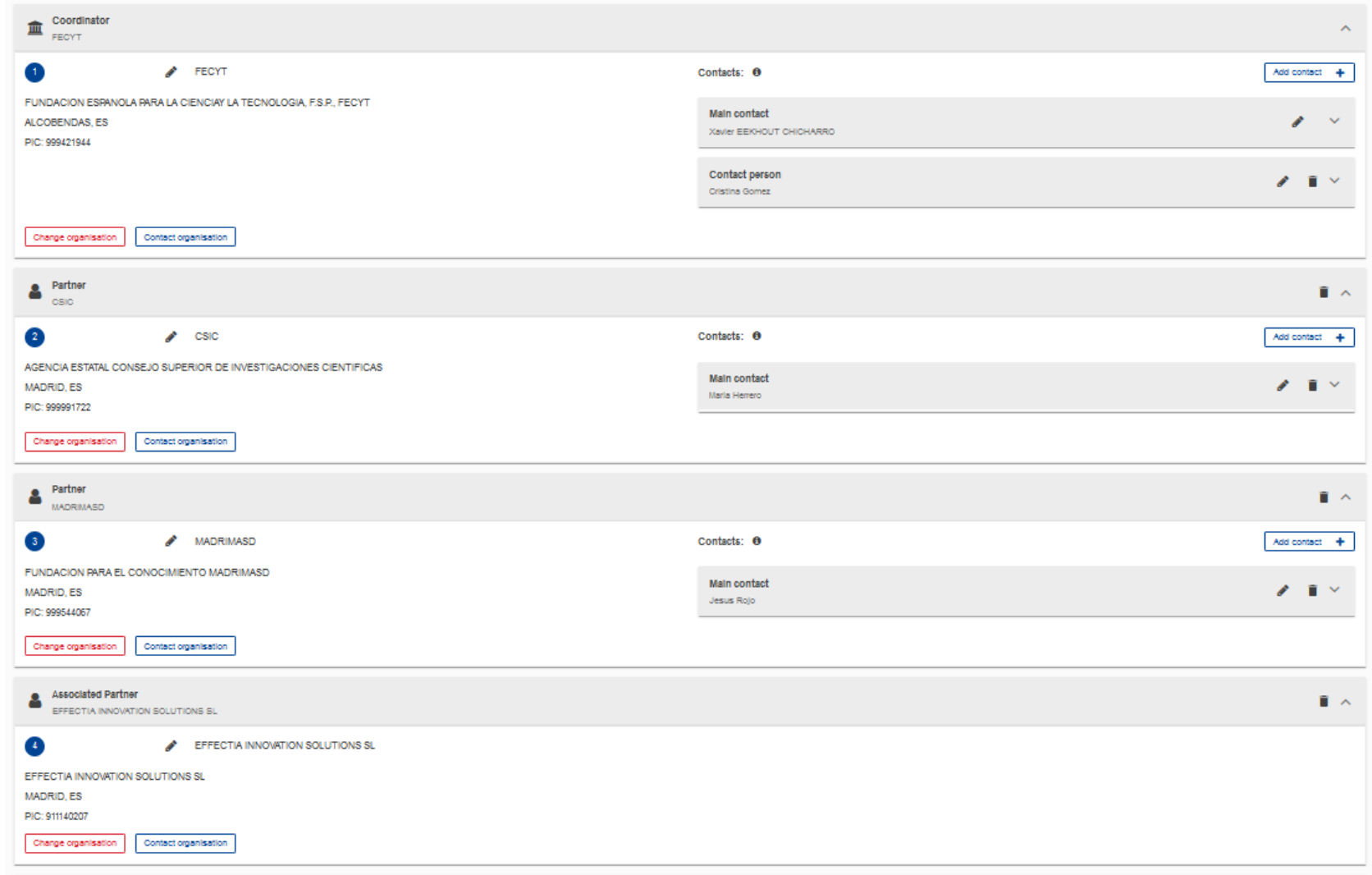
Summary of Tasks				
Role in the network	Recruitment of Researchers	Training and/or Hosting of Seconded Researchers	Participation in Supervisory Board	Directly Claims unit contributions
Beneficiary	✓	✓	✓	✓
Associated Partner	×	✓	✓	×

Consorcio

- **Estructuras de gestión de proyecto solidas**
- Socios con **experiencia y apoyo institucional** para asegurar el cumplimiento en tiempo y en forma
- **Personal de gestion dedicado** (puede salir de costes institucionales de todos los beneficiarios)

- ✓Coordinador con experiencia
- ✓Expertise relevante
- ✓Infraestructuras y Recursos relevantes
- ✓Complementariedad y sinergias (evitar duplicidades)
- ✓Valor añadido del consorcio
- ✓Cubrir la Triple “i”
- ✓Colaboraciones previas
- ✓**Gender Balance**
- ✓Stakeholders relevantes
- ✓Buena distribucion de tareas
- ✓Compromiso

Consorcio


Coordinator
FECYT
1
FECYT
FUNDACION ESPANOLA PARA LA CIENCIAY LA TECNOLOGIA, F.S.P., FECYT
ALCOBENDAS, ES
PIC: 999421944
Contacts:
Add contact
Main contact
Xavier EEKHOUT CHICHARRO
Contact person
Cristina Gomez
Change organisation
Contact organisation
Partner
CSIC
2
CSIC
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
MADRID, ES
PIC: 999991722
Contacts:
Add contact
Main contact
Maria Herrero
Change organisation
Contact organisation
Partner
MADRIMASD
3
MADRIMASD
FUNDACION PARA EL CONOCIMIENTO MADRIMASD
MADRID, ES
PIC: 999544067
Contacts:
Add contact
Main contact
Jesus Rojo
Change organisation
Contact organisation
Associated Partner
EFFECTIA INNOVATION SOLUTIONS SL
4
EFFECTIA INNOVATION SOLUTIONS SL
EFFECTIA INNOVATION SOLUTIONS SL
MADRID, ES
PIC: 911140207
Change organisation
Contact organisation

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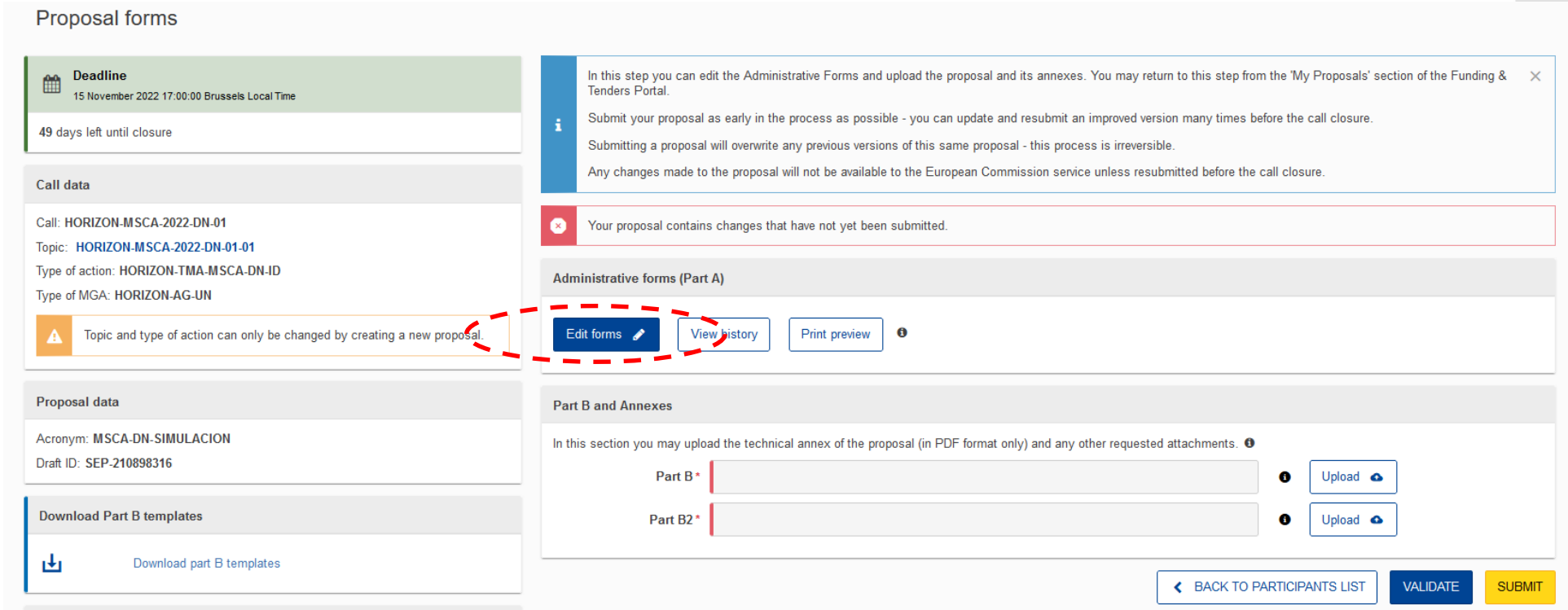

Funding & Tenders Portal

Call: HORIZON-MSCA-2023-DN-01
(MSCA Doctoral Networks 2023)

Topic: HORIZON-MSCA-2023-DN-01-01

Type of Action: HORIZON-TMA-MSCA-DN
(HORIZON TMA MSCA Doctoral Networks)

Proposal number: SEP-210987844

Proposal acronym: MSCA-DN-SIMULACION

Type of Model Grant Agreement: HORIZON Unit Grant

Table of contents

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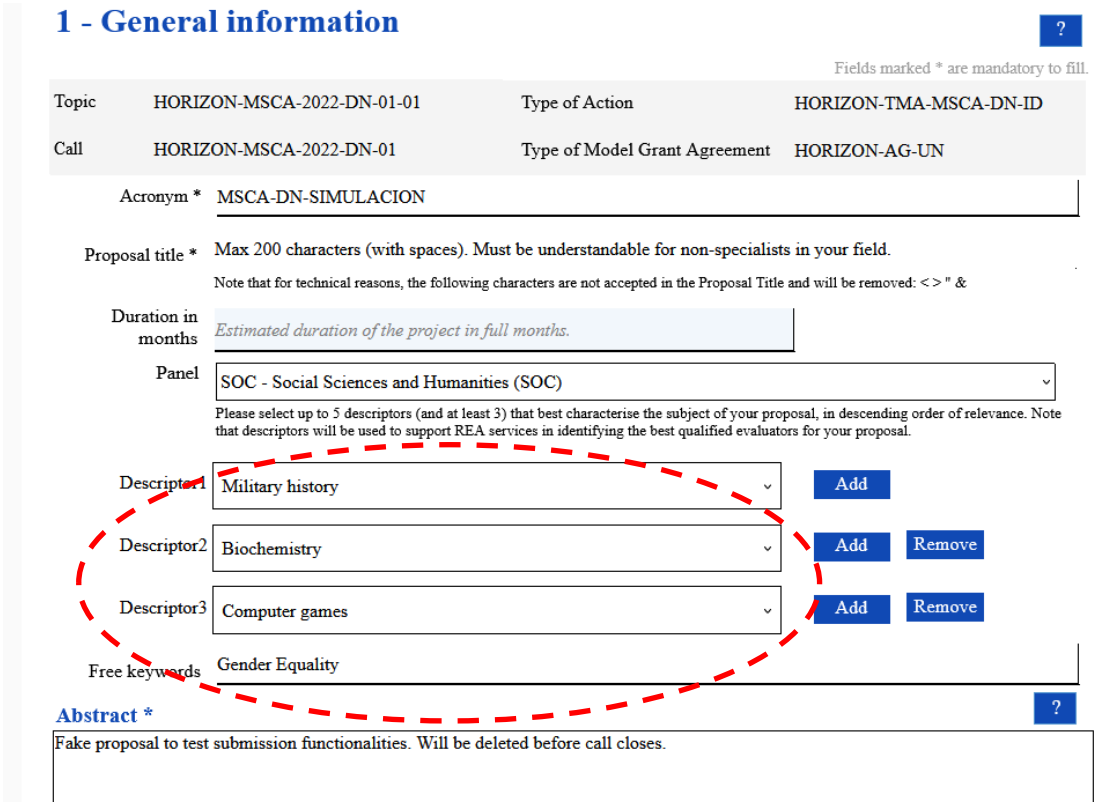


1 - General information

Fields marked * are mandatory to fill.

Topic	HORIZON-MSCA-2022-DN-01-01	Type of Action	HORIZON-TMA-MSCA-DN-ID
Call	HORIZON-MSCA-2022-DN-01	Type of Model Grant Agreement	HORIZON-AG-UN

Acronym * MSCA-DN-SIMULACION

Proposal title * Max 200 characters (with spaces). Must be understandable for non-specialists in your field.

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months *Estimated duration of the project in full months.*

Panel SOC - Social Sciences and Humanities (SOC)

Please select up to 5 descriptors (and at least 3) that best characterise the subject of your proposal, in descending order of relevance. Note that descriptors will be used to support REA services in identifying the best qualified evaluators for your proposal.

Descriptor1 Military history Add

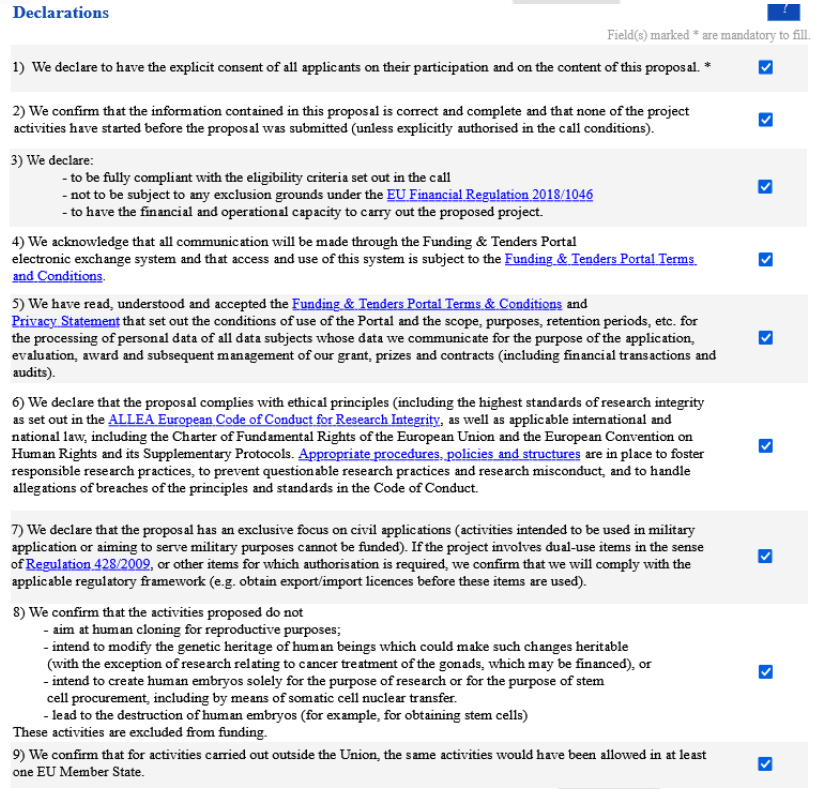
Descriptor2 Biochemistry Add Remove

Descriptor3 Computer games Add Remove

Free keywords Gender Equality

Abstract *

Fake proposal to test submission functionalities. Will be deleted before call closes.



Declarations

Field(s) marked * are mandatory to fill.

1) We declare to have the explicit consent of all applicants on their participation and on the content of this proposal. *

2) We confirm that the information contained in this proposal is correct and complete and that none of the project activities have started before the proposal was submitted (unless explicitly authorised in the call conditions).

3) We declare:
- to be fully compliant with the eligibility criteria set out in the call
- not to be subject to any exclusion grounds under the EU Financial Regulation 2018/1046
- to have the financial and operational capacity to carry out the proposed project.

4) We acknowledge that all communication will be made through the Funding & Tenders Portal electronic exchange system and that access and use of this system is subject to the Funding & Tenders Portal Terms and Conditions.

5) We have read, understood and accepted the Funding & Tenders Portal Terms & Conditions and Privacy Statement that set out the conditions of use of the Portal and the scope, purposes, retention periods, etc. for the processing of personal data of all data subjects whose data we communicate for the purpose of the application, evaluation, award and subsequent management of our grant, prizes and contracts (including financial transactions and audits).

6) We declare that the proposal complies with ethical principles (including the highest standards of research integrity as set out in the ALLEA European Code of Conduct for Research Integrity, as well as applicable international and national law, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols. Appropriate procedures, policies and structures are in place to foster responsible research practices, to prevent questionable research practices and research misconduct, and to handle allegations of breaches of the principles and standards in the Code of Conduct.

7) We declare that the proposal has an exclusive focus on civil applications (activities intended to be used in military application or aiming to serve military purposes cannot be funded). If the project involves dual-use items in the sense of Regulation 428/2009, or other items for which authorisation is required, we confirm that we will comply with the applicable regulatory framework (e.g. obtain export/import licences before these items are used).

8) We confirm that the activities proposed do not
- aim at human cloning for reproductive purposes;
- intend to modify the genetic heritage of human beings which could make such changes heritable (with the exception of research relating to cancer treatment of the gonads, which may be financed), or
- 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.
- lead to the destruction of human embryos (for example, for obtaining stem cells)

These activities are excluded from funding.

9) We confirm that for activities carried out outside the Union, the same activities would have been allowed in at least one EU Member State.

Entre 3 y 5 descriptors:

1. Del subárea más relevante dentro del área (panel) elegido
2. Cualquier área
3. Cualquier área
4. …
5. …

Free keywords

ASIGNACION DE EVALUADORES

https://rea.ec.europa.eu/document/download/9f1c22b9-52af-4e50-9f54-3c2fcef8b3cd_en?filename=MSCA%20Keywords.pdf

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List of participating organisations

#	Participating Organisation Legal Name	Country	Role	Action
1	FUNDACION ESPANOLA PARA LA CIENCIAY LA TECNOLOGIA, F.S.P., FECYT	Spain	Coordinator	Show Participant's Details
2	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	Spain	Partner	Show Participant's Details
3	FUNDACION PARA EL CONOCIMIENTO MADRIMASD	Spain	Partner	Show Participant's Details
4	EFFECTIA INNOVATION SOLUTIONS SL	Spain	Associated	Show Participant's Details

Organisation data

PIC	Legal name
999421944	*FUNDACION ESPANOLA PARA LA CIENCIAY LA TECNOLOGIA, F.S.P., FECYT*

Short name: FECYT

Address

Street	CALLE DEL PINTOR MURILLO NUMERO 15
Town	ALCOBENDAS
Postcode	28100
Country	Spain
Webpage	www.fecyt.es

Specific Legal Statuses

Legal person	yes
Public body	no
Non-profit	yes
International organisation	no
Secondary or Higher education establishment	no
Research organisation	yes

SME Data

Based on the below details from the Participant Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

SME self-declared status	12/09/2001 - no
SME self-assessment	unknown
SME validation	unknown

Departments carrying out the proposed work

Add a Department

Department 1

Department name: International Projects — not applicable

Same as proposing organisation's address

Street: CALLE DEL PINTOR MURILLO NUMERO 15

Town: *ALCOBENDAS*

Postcode: *28100*

Country: *Spain*

Main contact person

This will be the person the EU services will contact concerning this proposal (e.g. for additional information, invitation to hearings, sending of evaluation results, convocation to start grant preparation). The data in blue is read-only. Details (name, first name and e-mail) of Main Contact persons should be edited in the step "Participants" of the submission wizard.

Title: Mr — Gender: Woman / Man / Non Binary

First name*: **Xavier** — Last name*: **EEKHOUT CHICHARRO**

E-Mail*: **xavier.eekhout@fecyt.es**

Position in org.: Project Manager

Department: FUNDACION ESPANOLA PARA LA CIENCIAY LA TECNOLOGIA, F.S.P., FECY — Same as organisation name

Same as proposing organisation's address

Researchers involved in the proposal

Title	First Name	Last Name	Gender	Nationality	E-mail	Career Stage	Role of researcher (in the project)	Reference Identifier	Type of identifier	Add
										Remove

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List of up to 5 publications, widely-used datasets, software, goods, services, or any other achievements relevant to the call content.

Type of achievement	Short description (Max 500 characters)	Add
	Data sets, softwares, services, achievements related to core content	

List of up to 5 most relevant previous projects or activities, connected to the subject of this proposal.

Name of Project or Activity	Short description (Max 500 characters)	Add
	Experience in running research and/or training programmes	

Description of any significant infrastructure and/or any major items of technical equipment, relevant to the proposed work.

Name of infrastructure of equipment	Short description (Max 300 characters)	Add
	Relevant for the action	

Gender Equality Plan

?

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below? (•) Yes ( ) No

Role of participating organisation in the project

Project management	☑
Communication, dissemination and engagement	☑
Provision of research and technology infrastructure	☐
Co-definition of research and market needs	☐
Civil society representative	☐
Policy maker or regulator, incl. standardisation body	☐
Research performer	☐
Technology developer	☐
Testing/validation of approaches and ideas	☐
Prototyping and demonstration	☐
IPR management incl. technology transfer	☐
Public procurer of results	☐
Private buyer of results	☐
Finance provider (public or private)	☐
Education and training	☑
Contributions from the social sciences or/and the humanities	☐
Other If yes, please specify: (Maximum number of characters allowed: 50)	☐

Funding & Tenders Portal

Application forms

Proposal ID **SEP-210898316**

Acronym **MSCA-DN-SIMULACIO!**

3 - Budget

Participant number	Organisation short name	Role	Country	Country correction coefficient	Academic sector	IO	No of recruited researchers	Number of person months	Contributions for recruited researchers			Institutional contributions		Total
									Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs	
1	FECYT	Coordinator	ES	0.913	Yes	No	5	36	111751.20	21600	17820	57600	43200	251971.20
2	CSIC	Partner	ES	0.913	Yes	No	5	36	111751.20	21600	17820	57600	43200	251971.20
3	MADRIMASD	Partner	ES	0.913	No	No	5	36	111751.20	21600	17820	57600	43200	251971.20
4	EFFECTIA INNOVATION SOLUTIONS SL	Associated	ES	0.913	No	No	0	0	0.00	0	0	0	0	0.00
Total							15	108	335253.60	64800	53460	172800	129600	755913.60

- Min 3 different entities from 3 different MS/AC
- Max. No of PMs: DN/ ID / JD 540 PMs
- Max. 40% of budget to the same country
- PhD awarding entities as beneficiaries (recruiting DC) or associated partner

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1. Human Embryonic Stem Cells and Human Embryos			Page
Does this activity involve Human Embryonic Stem Cells (hESCs)?	○ Yes	◉ No	
Does this activity involve the use of human embryos?	○ Yes	◉ No	
2. Humans			**Page**
Does this activity involve human participants?	○ Yes	◉ No	
Does this activity involve interventions (physical also including imaging technology, behavioural treatments, etc.) on the study participants?	○ Yes	◉ No	
Does this activity involve conducting a clinical study as defined by the Clinical Trial Regulation (EU 536/2014)? (using pharmaceuticals, biologicals, radiopharmaceuticals, or advanced therapy medicinal products)	○ Yes	◉ No	
3. Human Cells / Tissues (not covered by section 1)			**Page**
Does this activity involve the use of human cells or tissues?	○ Yes	◉ No	
4. Personal Data			**Page**
Does this activity involve processing of personal data?	○ Yes	◉ No	
Does this activity involve further processing of previously collected personal data (including use of preexisting data sets or sources, merging existing data sets)?	○ Yes	◉ No	
Is it planned to export personal data from the EU to non-EU countries? Specify the type of personal data and countries involved	○ Yes	◉ No	
Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country? Specify the type of personal data and countries involved	○ Yes	◉ No	
Does this activity involve the processing of personal data related to criminal convictions or offences?	○ Yes	◉ No	
5. Animals			**Page**
Does this activity involve animals?	○ Yes	◉ No	
6. Non-EU Countries			**Page**
Will some of the activities be carried out in non-EU countries?	○ Yes	◉ No	
In case non-UE countries are involved, do the activities undertaken in these countries raise potential ethics issues?	○ Yes	◉ No	
It is planned to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	○ Yes	◉ No	
Is it planned to import any material (other than data) from non-EU countries into the EU or from a non-EU country to another non-EU country? For data imports, see section 4.	○ Yes	◉ No	
Is it planned to export any material (other than data) from the EU to non-EU countries? For data exports, see section 4.	○ Yes	◉ No	
Does this activity involve low and/or lower middle income countries, (if yes, detail the benefit-sharing actions planned in the self-assessment)	○ Yes	◉ No	
Could the situation in the country put the individuals taking part in the activity at risk?	○ Yes	◉ No	

Ethics Self-Assessment ?

Ethical dimension of the objectives, methodology and likely impact

Explain in detail the identified issues in relation to:
- objectives of the activities (e.g. study of vulnerable populations, etc.)
- methodology (e.g. clinical trials, involvement of children, protection of personal data, etc.)
- the potential impact of the activities (e.g. environmental damage, stigmatisation of particular social groups, political or financial adverse consequences, misuse, etc.)

Remaining characters 5000

Compliance with ethical principles and relevant legislations

Describe how the issue(s) identified in the ethics issues table above will be addressed in order to adhere to the ethical principles and what will be done to ensure that the activities are compliant with the EU/national legal and ethical requirements of the country or countries where the tasks are to be carried out. It is reminded that for activities performed in a non-EU countries, they should also be allowed in at least one EU Member State.

Remaining characters 5000

Incluir información sobre como se gestionan datos personales (al igual que en *Part B2*)

- Guía para el *ethics-self assessment* https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/how-to-complete-your-ethics-self-assessment_en.pdf

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Declaration	Declaration 8 is mandatory	Show Error
Declaration	Declaration 9 is mandatory	Show Error
ListOfParticipant	This section has not been validated yet	Show Error
CSIC	This section has not been validated yet	Show Error
MADRIMASD	This section has not been validated yet	Show Error
EFFECTIA INNOVATION SOLUTIONS SL	This section has not been validated yet	Show Error
General Information	Duration - missing entry	Show Warning
General Information	Similar Proposal submitted - missing entry	Show Warning
FECYT	Department Name - missing entry	Show Warning
FECYT	Department Street name - missing entry	Show Warning
FECYT	Department Town name - missing entry	Show Warning

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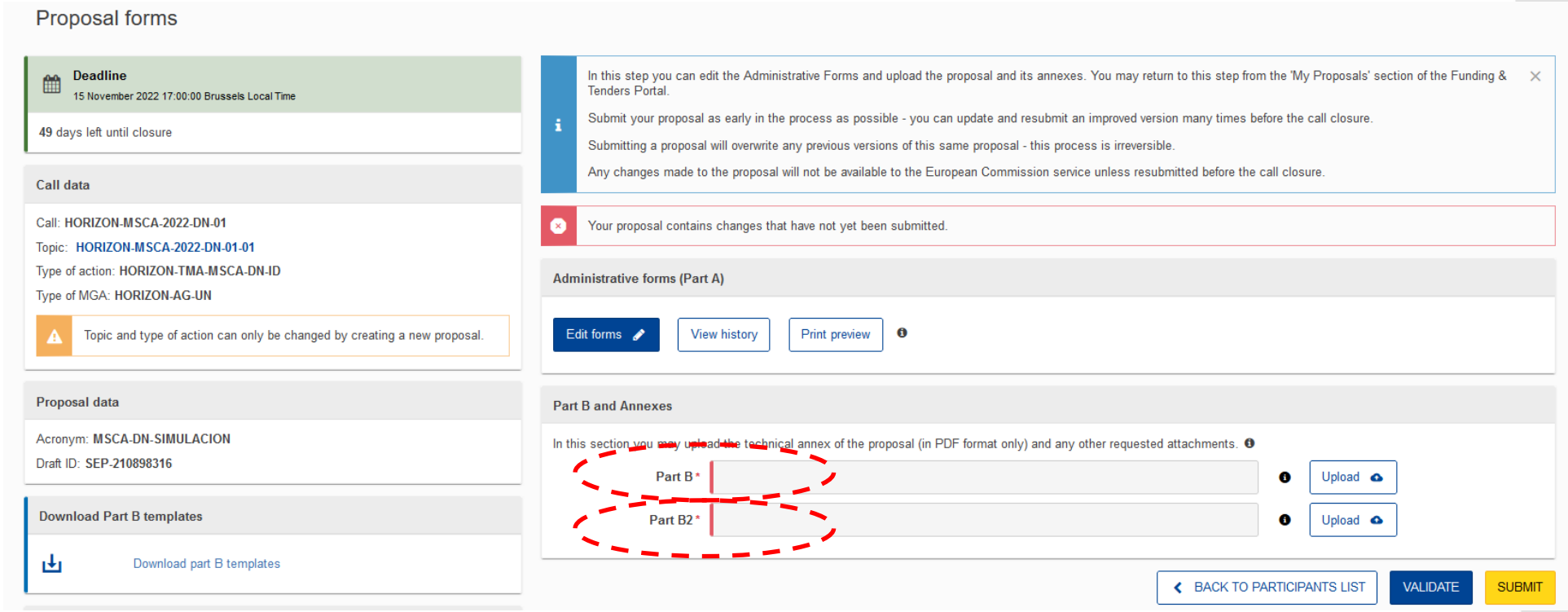

DN Proposal Structure

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Part A - administrative forms

filled *on-line on the Funding & Tenders Opportunities Portal*

Part B1 - the proposal, max 34 pages (PDF uploaded)

 # Start page, table of contents, list of participating organisations

 # Excellence

 # Impact

 # Implementation, incl. Gantt Chart

Maximum 30 pages

Excess pages disregarded

Part B2 - no page limit, PDF uploaded

 # Network organisation

 # Supervisory Board

 # Environmental aspects in light of the MSCA Green Charter

 # Participating organisations (1 pg per beneficiary, ½ pg per associated partner)

 # Letters of pre-agreement (for DN-JD)

Proposal structure – layout

MSCA-NET

Strictly follow the headings and subheadings as indicated in the GfA! The structure correspond to the evaluation criteria!

- **Be sure to use the EC template!**
- Page size A4
- Legible font (Times New Roman)
- The minimum font is 11 (Tables 9; Footnotes 8)
- Literature references: listed in footnotes, min. font size 8
- Single line spacing
- Margins 15 mm (top, bottom, left and right)
- Header – Call: [insert call identifier - HORIZON-MSCA-2024-DN-01-01] — [insert call name - MSCA Doctoral Networks 2024]
- Pages must be numbered - footer - "Part B - Page X of Y"

3.0	22.04.2024	▪ Guidance on the use of AI for the preparation of the proposal ▪ Additional information on how to describe the activities per work package ▪ Challenges to the chosen methodology and ways to overcome them has been moved from section 1.2 to section 3.1. ▪ Quality of the supervision arrangements for standard DNs added as required subheading in section 1.4. ▪ Developing sustainable elements of doctoral programme has been redrafted in section 2.1 ▪ Recruitment strategy has been moved from section 3.1 to section 4 in part B2. ▪ Subheading on commitment of associated partners has been redrafted in Section 3.2

Layout – general advice

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Not evaluated but makes life easier for the evaluators

- ✓ Use charts, diagrams, tables, text boxes, figures
- ✓ Ensure any colour diagrams etc. are understandable when printed in black and white
- ✓ Use highlighting where appropriate (**bold**, underline, *italics*) but don't overdo it!
- ✓ Avoid jargon
- ✓ Explain any abbreviations
- ✓ Simple and clear text
- ✓ Avoid long sentences
- ✓ Get rid of repetitions (refer to other parts of the proposal if necessary)
- ✓ Don't copy text from other documents or websites
- ✓ Be consistent with language (UK/ US English)

1. EXCELLENCE

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1.1 Quality and pertinence of the project's research and innovation objectives

1.2 Soundness of the proposed methodology

1.3 Quality and credibility of the training programme

1.4 Quality of the supervision

1.1 QUALITY AND PERTINENCE OF THE PROJECT'S RESEARCH AND INNOVATION OBJECTIVES

MSCA-NET

REQUIRED SUB-HEADINGS:

- **Introduction, objectives and overview of the research programme.** It should be explained how the individual projects of the recruited researchers will be integrated into – and contribute to – the overall research programme. All proposals should also describe the research projects in the context of a doctoral training programme. Are the objectives measurable and verifiable? Are they realistically achievable?
- **Pertinence and innovative aspects of the research programme** (in light of the current state of the art and existing programmes / networks / doctoral research trainings). Describe how your project goes beyond the state-of-the-art, and the extent the proposed work is ambitious.

The action should be divided in Work Packages and described in the Table 3.1a under the Implementation section

1.2 SOUNDNESS OF THE PROPOSED METHODOLOGY

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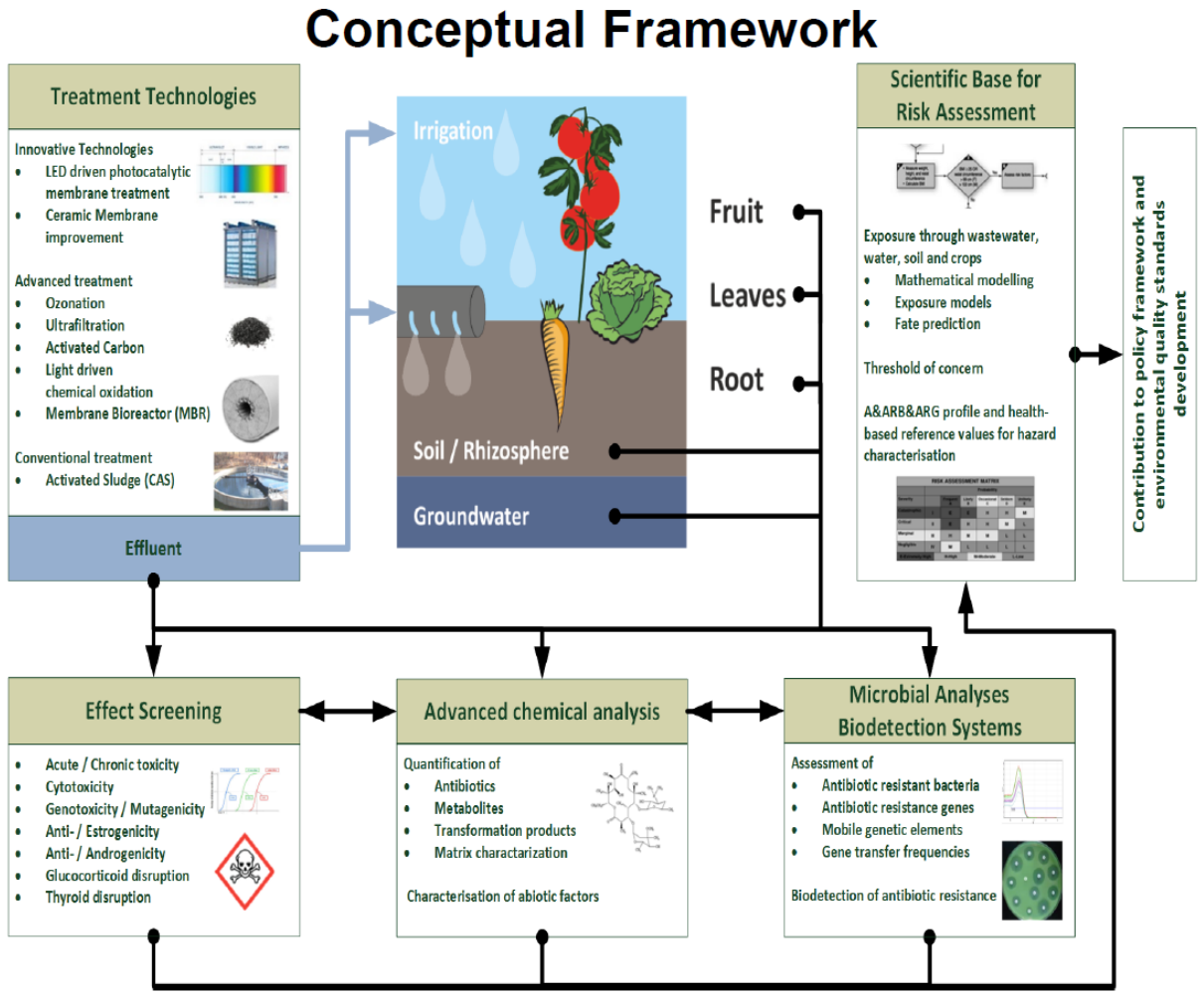
REQUIRED SUB-HEADINGS:

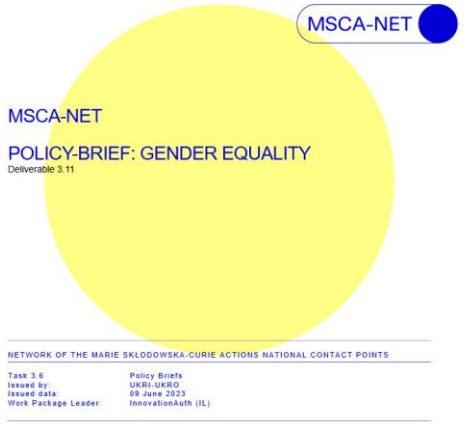
- **Overall methodology:** Describe and explain the overall methodology including the concepts, models and assumptions that underpin your work. Explain how this will enable you to deliver your project's objectives.
- **Integration of methods and disciplines to pursue the objectives:** Explain how expertise and methods from different disciplines will be brought together and integrated in pursuit of your objectives.
- **Gender dimension and other diversity aspects:** Describe how the gender dimension and other diversity aspects are taken into account in the project's research and innovation content.
- **Open science practices:** Describe how appropriate open science practices are implemented as an integral part of the proposed methodology. Show how the choice of practices and their implementation are adapted to the nature of your work, in a way that will increase the chances of the project delivering on its objectives.
- **Research data management and management of other research outputs**
- **Artificial Intelligence** (if applicable)

METHODOLOGY

- Explain the concepts, models and assumptions emerging from the state of the art
- Which techniques, methods, intruments will be used to achieve your scientific objectives
- Explain multi-/interdisciplinary aspects



Source: ANSWER ITN



MSCA-NET

GENDER ASPECTS

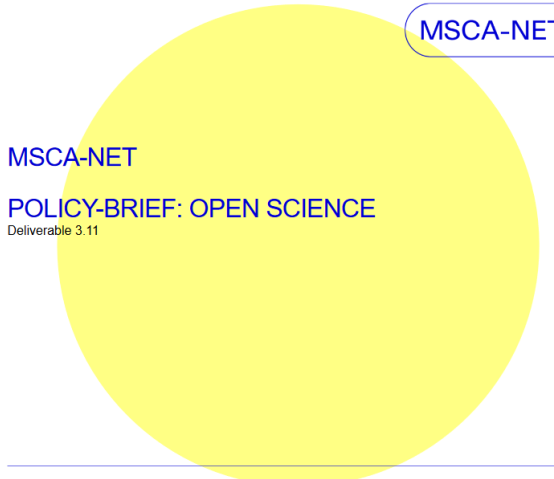
Gender balance refers to share of different genders in a research team; NOT to be discussed here, but under 3.2 (supervisors) & Part b2 (consortium management).

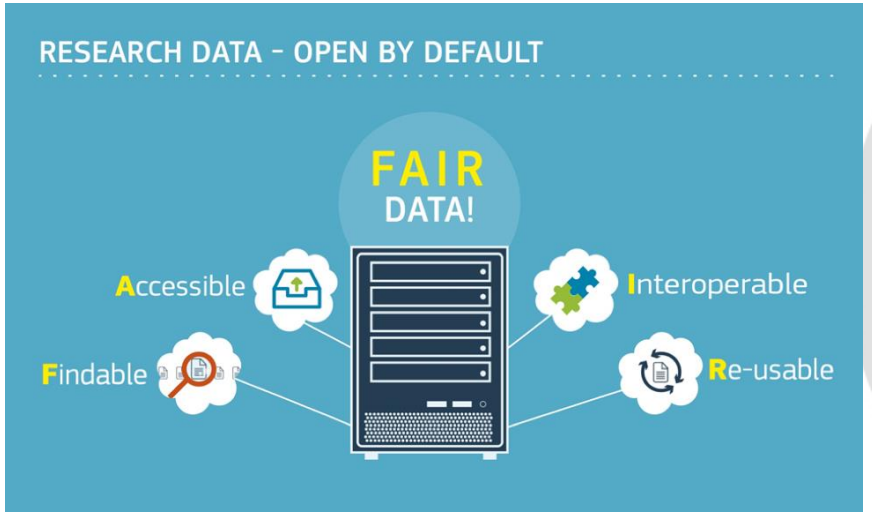
Gender equality refers to equal treatment of men and women (for example by employers) – Gender equality plan is an eligibility criterion for public bodies, HE institutions and RES organisations.
NOT to be discussed here, but under 4 (recruitment strategy).

Gender dimension and other diversity aspects in R&I content refers to the integration of sex and/or gender analysis through the entire R&I cycle, from the setting of research priorities through defining concepts, formulating research questions, developing methodologies, gathering and analysing sex/gender disaggregated data, to evaluating and reporting results and transferring them to markets into products and innovations which will benefit all citizens and promote gender equality. This has to be addressed under 1.2

OPEN SCIENCE PRACTICES AND RESEARCH DATA MANAGEMENT

Open Science Practice		Mandatory	Recommended
Early and open sharing of research	• Preregistration, registered reports, preprints, etc.		Yes
Research output management	• Data management plan (DMP)	Yes	
Ensure reproducibility of research outputs	• Information on outputs/tools/instruments and access to data/results for validation of publications	Yes	
Open access to research outputs through deposition in trusted repositories	• Open access to publications • Open access to data • Open access to software, models, algorithms, workflows etc.	Yes, for peer-reviewed publications and research data ('as open as possible as closed as necessary')	Yes, for other research outputs.
Participate in open peer-review	• Publish in open peer-reviewed journals or platforms		Yes
Involving all relevant knowledge actors	• Involve citizens, civil society, and end-users in co-creation of content (e.g., crowd-sourcing, etc.)		Yes





MSCA-NET

TRAINING PROGRAMME

TRAINING

Specialized Training Courses that provide professional and personal development opportunities beyond what ESRs are generally exposed to in the course of their PhD training

Complementary/soft skills courses, such as writing and publishing research, preparation of research proposals and project management, entrepreneurship/commercial exploitation of research results, presentation skills, ethics, IPR, gender balance in research, etc.

Local Scientific Training Courses

Strong interaction with private sector (e.g. via ESRs' secondments)

Trainings are adapted to researcher's **specific needs** (**Personal Career Development Plan**, updated every year)

- **Balance between**
  - Individual training-through-research
  - Local doctoral programme
  - Network-wide training
- **And**
  - Scientific training
  - Transferable skills training
  - Inter-sectoral exposure

Source: ANSWER-HN

1.3 QUALITY AND CREDIBILITY OF THE TRAINING PROGRAMME

MSCA-NET

Table 1.2 b Main Network-Wide Training Events, Conferences and Contribution of Beneficiaries

	Main Training Events & Conferences	ECTS (*if any*)	Lead Institution	Project Month (*estimated*)
Technical Training				
1	VHDL design/implementation in FPGAs (1 week)		UNIPI	9
2	Effective parallel programming in modern C++ (2 days)		SDS	10
3	HLS (High Level Synthesis, 3 days)		ICCS	11
4	Designing in FPGA SoCs e.g. Zynq (1 week)		ICCS	11
5	Course on MRF (3 days)		IMAGO7	36
6	Technology in space applications, with reference to ASI and ESA research activities (2 days)		KI	46
Schools				
1	GPU programming school (2 days)		SDS	22
2	School at Fermilab (2 students/year, 2 months)		UNIPI	18,30,42
3	CMS detector upgrade school (1 week)		UNIPI	33
4	MAX Design flow and OpenSPL programming (3 days)		MAX	24, 34
Administrative and Management Trainings, transferable skills				
1	Italian language courses (2-months lessons)		UNIPI	When in Pisa
2	SixSigma Quality Management		GEGR-E	27
3	PHD+, technology transfer		UNIPI	36-38
4	TRIZ Problem Solving Tool		GEGR-E	39
Scientific Contribution in Conferences/Workshops				
1	PUMA Workshops		All	11,19,26,37,48
2	Contributions to Hipeac CSW		SDS	19,31,43
3	1 IMAGO7 event		IMAGO7	14
4	FTK workshops @CERN		UNIPI	17, 29, 41
5	Special Session Organization at Conferences/Workshops		ICCS	1/year

EXAMPLE – Network wide training events

1.4 QUALITY OF THE SUPERVISION (INCLUDING MANDATORY JOINT SUPERVISION FOR INDUSTRIAL AND JOINT DOCTORATE PROJECTS)

REQUIRED SUB-HEADINGS:

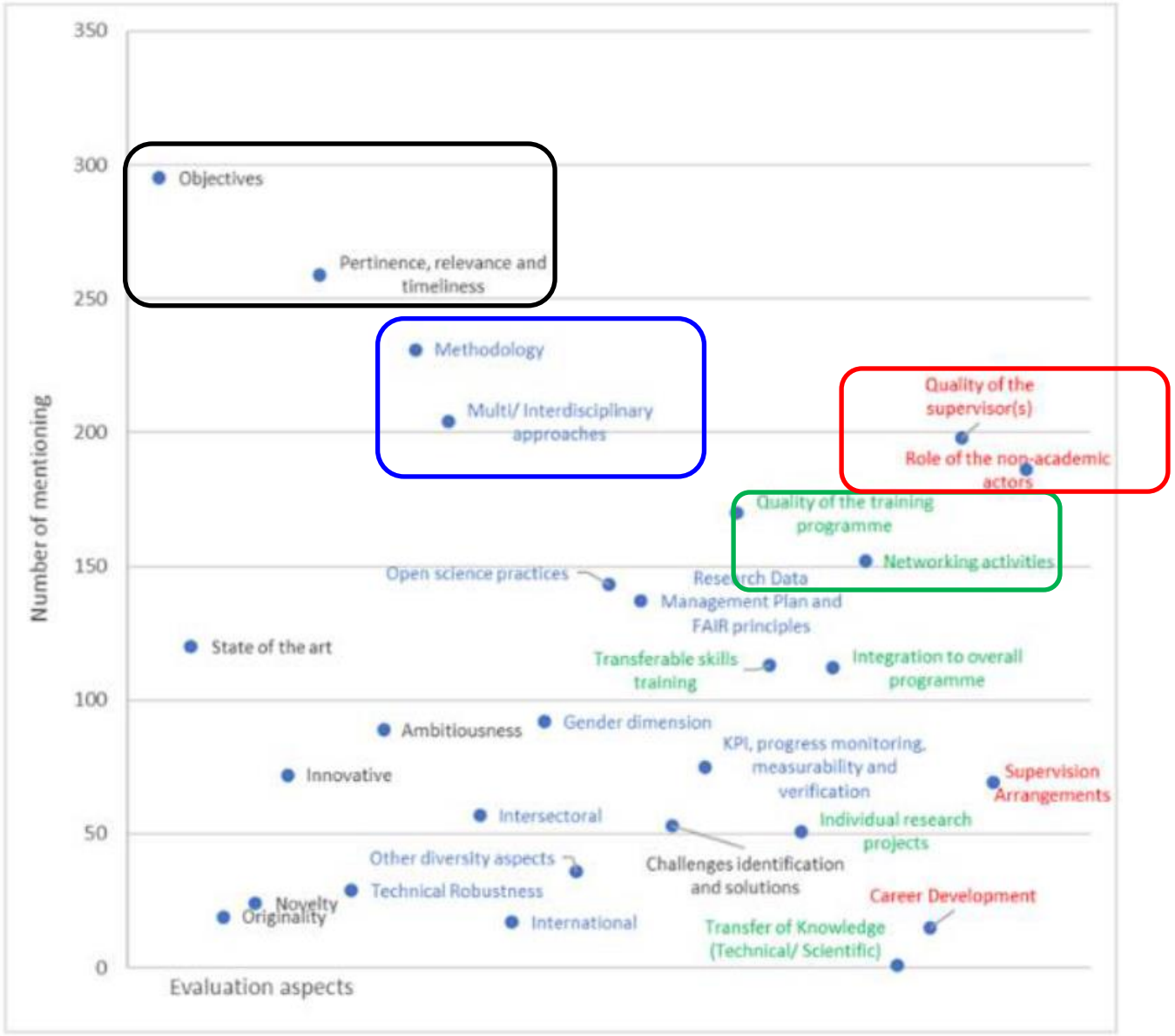
PI	Expertise & Publications	Supervision Experience & Leadership Roles	ESR
Prof. Jose Bagan, MD, DDS, PhD (UVEG)	Oral medicine and pathology, discovery of novel biomarkers for treatment of OSCC; 326 publications	43 PhDs completed; 3 PhDs in progress; Head of Stomatology and Maxillofacial Surgery; Coordinator of Doctoral Programme in Clinical Dentistry; Director of research and teaching at University General Hospital in Valencia; Director of the School of Doctoral Programmes for UVEG	1, 3
Prof. Richard Kennedy, MB, BAO, Bch, BSc, PhD, FRCP (QUB)	Medical oncology and drug discovery, 90 publications	10 PhDs completed; 6 PhDs and 4 clinical fellows in progress; Director for undergraduate academic training in medicine	2, 4

- **Qualifications and supervision experience of supervisors**
  - Explain the supervision experience of each supervisor
  - Ensure it is very clear who will supervise each doctoral candidate

- **Quality of supervision arrangements for DN**
  - Ensure there are adequate monitoring and feedback mechanisms in place
  - Think in advance about conflict resolution
  - Refer to the Charter and Code & Guidelines for MSCA supervision

- **Quality of the joint supervision arrangements** (including mandatory joint supervision for DN-ID and DN-JD).
  - Explain the arrangements for joint supervision, and the synergy

EXCELLENCE: Strengths



Black font is related to the scientific quality

Blue font is related to the methodology soundness

Green font is related to the training quality

Red font is related to the supervision quality

DISCLAIMER: In the framework of the MSCA-NET network we have analysed the ESRs and herewith the outcomes are presented

EXCELLENCE: Strengths

MSCA-NET

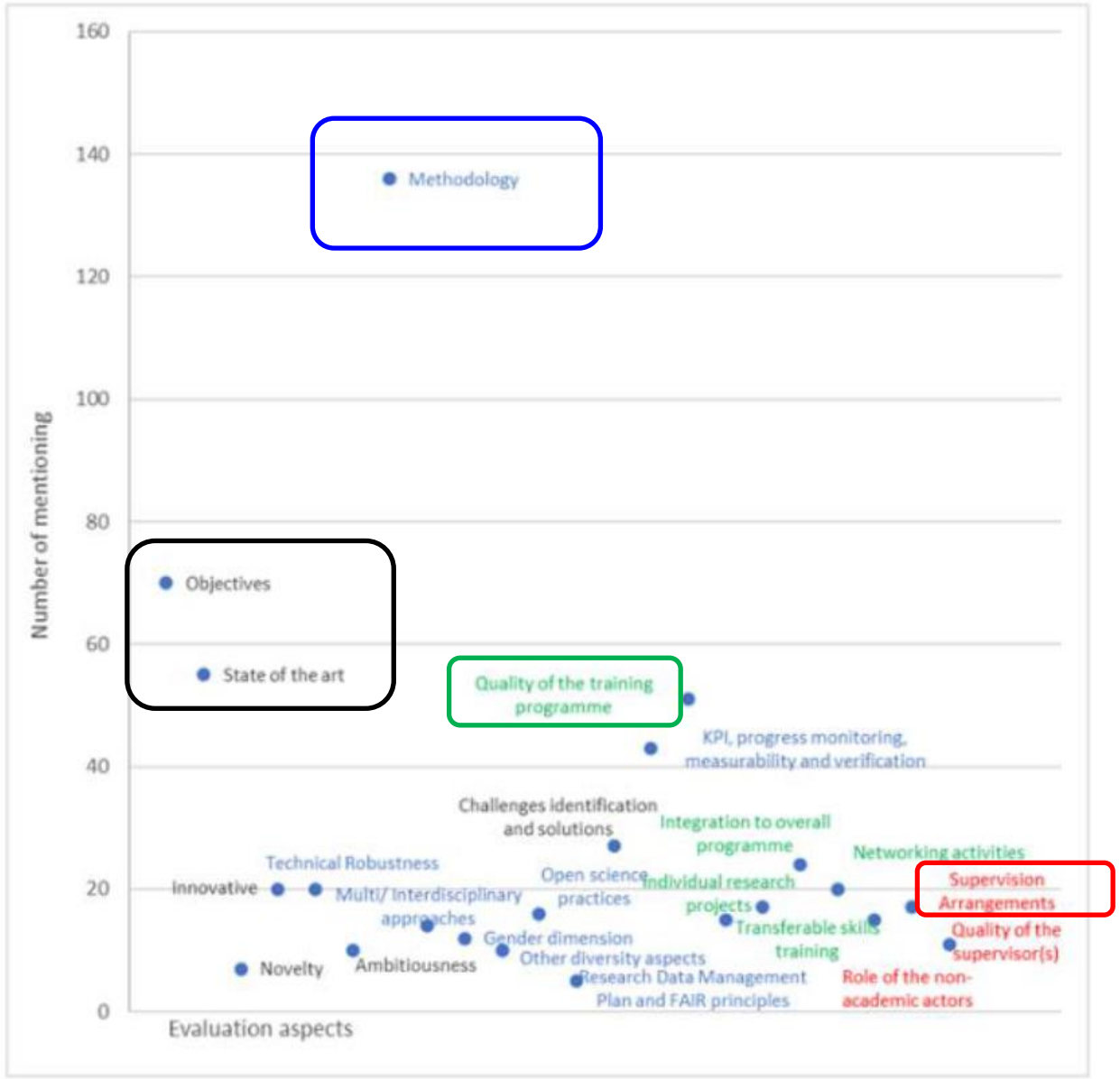
The general objectives are clear, justified and well contextualized. These are appropriately broken down into more specific research questions linked to the different PhD research projects.

The choices of methodology are well described and justified, and are suitable to solve the research questions. Inter- and multidisciplinary aspects are very well considered in the research methodology, with strong interaction foreseen between partners coming from different domains.

A well designed training programme is proposed. The network activities are carefully planned, involving all network nodes, and planning both scientific and useful complementary skills training. There is a good consistency between the local training, research activities, and the network training programme.

The supervision arrangements are clearly described and well designed, assuring an interdisciplinary and intersectoral oversight of the doctoral candidates' activities.

EXCELLENCE: Weaknesses



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DISCLAIMER: In the framework of the MSCA-NET network we have analysed the ESRs and herewith the outcomes are presented

EXCELLENCE: Weaknesses

MSCA-NET

The description of the project's research and innovation objectives is restricted to general statements; missing are important details on the state of the art and the major objectives of research.

The proposal is not sufficiently clear on the complementarity and contribution of individual research projects to the overall research programme.

The plans for adopting open science practices and how they are integrated in the overall methodology are described briefly and in generic terms

Diversity issues beyond gender are not addressed.

The overview of the training program is not cohesive and not in line with the scientific and non-scientific objectives of the proposal.

The proposal lacks detail on the duration of webinars and on-site training events across the network

The supervision arrangements are insufficiently described and imprecisely planned; moreover, the proposal lacks a clear plan of supervisors' involvement, appropriate progress monitoring and feedback mechanisms

2. IMPACT

MSCA-NET

2.1 Contribution to structuring doctoral training at the European level and to strengthening European innovation capacity

2.2 Credibility of the measures to enhance the career perspectives and employability of researchers and contribution to their skills development

2.3 Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities

2.4 The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts

2.1 CONTRIBUTION TO STRUCTURING DOCTORAL TRAINING AT THE EUROPEAN LEVEL AND TO STRENGTHENING EUROPEAN INNOVATION CAPACITY, INCLUDING THE POTENTIAL FOR:

MSCA-NET

a) meaningful contribution of the non-academic sector to the doctoral training

Demonstrate how the exposure of ALL the fellows to the non-academic sector is meaningful, i.e. it has sufficient duration and content to ensure:

- the employability of the trained fellows in the non-academic sector
- excellence and impact of the research training (local and the network wide training, including transferable skills),
- complementary supervision,
- hosting secondments (specific training),
- networking opportunities, etc.

2.1 CONTRIBUTION TO STRUCTURING DOCTORAL TRAINING AT THE EUROPEAN LEVEL AND TO STRENGTHENING EUROPEAN INNOVATION CAPACITY, INCLUDING THE POTENTIAL FOR:

MSCA-NET

b) **developing sustainable elements of doctoral programmes**

Sustainability of training programmes and transferable skills training offered at local or network-wide level

Sustainable cooperation/ long lasting collaboration and secondment opportunities

Sustainability of researcher's recruitment according to the Code of conduct for the recruitment of researchers

For JD proposals, explain how you will continue the joint degree process in the consortium after the JD project is finished, the possibilities for the new collaboration projects or further funding opportunities

Mention any contribution to strengthening European innovation capacity

2.2 CREDIBILITY OF THE MEASURES TO ENHANCE THE CAREER PERSPECTIVES AND EMPLOYABILITY OF RESEARCHERS AND CONTRIBUTION TO THEIR SKILLS DEVELOPMENT

Explain the impact of the research and training on the fellows' careers

Describe the potential employment sectors that the doctoral candidates might end up working in. Consider both academic and non-academic career opportunities.

Present an analysis of how the elements of the programme (i.e., trainings –research and soft skills, secondments, communication /dissemination / exploitation activities) will make them employable in these sectorsy. Focus on the impact (do not repeat skills).

Do not repeat how these skills will be delivered, instead focus on the impact of the skills on the doctoral candidate's employability

Make a strong link between your programme's elements, the EU policies about researcher careers/ employability, and any sectoral policies referring to skill gaps in the relevant sector

2.2 CREDIBILITY OF THE MEASURES TO ENHANCE THE CAREER PERSPECTIVES AND EMPLOYABILITY OF RESEARCHERS AND CONTRIBUTION TO THEIR SKILLS DEVELOPMENT

Career	Skills	
	Core set	**Complementary set**
Clinical practice	hearing sciences + impairment; hearing devices; speech and language processing; communication skills; experience of clinical challenges facing practitioners and patients	basic programming; basic signal processing in hearing devices; basic knowledge of speech technology
Engineer in the specialist communication aid industry	strong programming; human-computer interaction; interpersonal skills; experience of clinical challenges facing practitioners and patients	general knowledge of speech synthesis; some knowledge of signal processing
Academic/clinical research (hearing science)	hearing sciences; speech perception; speaking effort and styles; communication skills; research methods; statistics; some experience of clinical challenges facing practitioners and patients	moderate programming; general knowledge of signal processing techniques; basic knowledge of speech technology
Engineer in the specialist hearing aid industry	signal processing; embedded systems; experience of clinical challenges facing practitioners and patients; fundamentals of hearing-device provision and hearing science	communication skills; good programming; basic knowledge of medical product regulations (CE marking); basic knowledge of speech synthesis
Spoken language technology engineer	exceptional programming; signal processing; machine learning; speech synthesis	communication skills; general knowledge of hearing science; awareness of clinical challenges facing practitioners and patients
Academic research (engineering)	strong programming; signal processing and/or machine learning; communication skills	general knowledge of hearing science; awareness of clinical challenges facing practitioners and patients

Figure 3.1a: The initial career profile templates. The core set covers essential skills that are needed to gain employment in that sector, whereas the complementary set describes additional skills that will set ESRs above graduates from other PhD training programmes. All ESRs will also develop their creativity and innovation skills.

EXAMPLE – Skills gained and employment potential

2.3 SUITABILITY AND QUALITY OF THE MEASURES TO MAXIMISE EXPECTED OUTCOMES AND IMPACTS, AS SET OUT IN THE DISSEMINATION AND EXPLOITATION PLAN, INCLUDING COMMUNICATION ACTIVITIES

MSCA-NET

REQUIRED SUBHEADING

- **Plan for the dissemination and exploitation activities, including communication activities**

  Describe the planned measures to maximise the impact of your project by providing a first version of your '**plan for the dissemination and exploitation including communication activities**'.

  Regarding communication measures and public engagement strategy, the aim is to inform and reach out to society and show the activities performed, and the use and the benefits the project will have for citizens.

  Activities must be strategically planned, with clear objectives, start at the outset and continue through the lifetime of the project.

  The description of the communication activities needs to state the main messages as well as the tools and channels that will be used to reach out to each of the chosen target groups.

2.3 SUITABILITY AND QUALITY OF THE MEASURES TO MAXIMISE EXPECTED OUTCOMES AND IMPACTS, AS SET OUT IN THE DISSEMINATION AND EXPLOITATION PLAN, INCLUDING COMMUNICATION ACTIVITIES

MSCA-NET

REQUIRED SUBHEADING

- **Plan for the dissemination and exploitation activities, including communication activities**

ANSWER

Dissemination and Public Engagement

Scientific dissemination activities:
- Journal publications
- Conferences/workshops
- Book Chapters
- Publication in Scientific Newsletters
- Patents
- Seminar talks
- Scientific talks

Dissemination tools/materials:
- Website
- Social media
- Newsletters
- Brochure
- Flyers

Public engagement activities:
- Press articles
- Visits to schools/universities
- Radio/TV talks
- Visit to end-users/public
- Video/audio clips
- Café Scientifique
- Open/Info Days
- Science Festivals/weeks

Source: ANSWER ITN project

2.3 SUITABILITY AND QUALITY OF THE MEASURES TO MAXIMISE EXPECTED OUTCOMES AND IMPACTS, AS SET OUT IN THE DISSEMINATION AND EXPLOITATION PLAN, INCLUDING COMMUNICATION ACTIVITIES

MSCA-NET

REQUIRED SUBHEADING

- **Strategy for the management of intellectual property, foreseen protection measures, such as patents, design rights, copyright, trade secrets, etc., and how these would be used to support exploitation.**

  Outline plans to exploit any IP/ commercial potential arising from the programme.

  Briefly describe the role of any Technology Transfer Office or similar in helping you to commercialize the results.

  Describe the potential impact of exploiting the commercial potential of the research results.

2.4 THE MAGNITUDE AND IMPORTANCE OF THE PROJECT'S CONTRIBUTION TO THE EXPECTED SCIENTIFIC, SOCIETAL AND ECONOMIC IMPACTS (PROJECT'S PATHWAYS TOWARDS IMPACT)

MSCA-NET

- **Provide a narrative explaining how the project's results are expected to make a difference in terms of impact, beyond the immediate scope and duration of the project.**
  - **Expected scientific impact(s)**
  - **Expected economic/technological impact(s**
  - **Expected societal impact(s)**

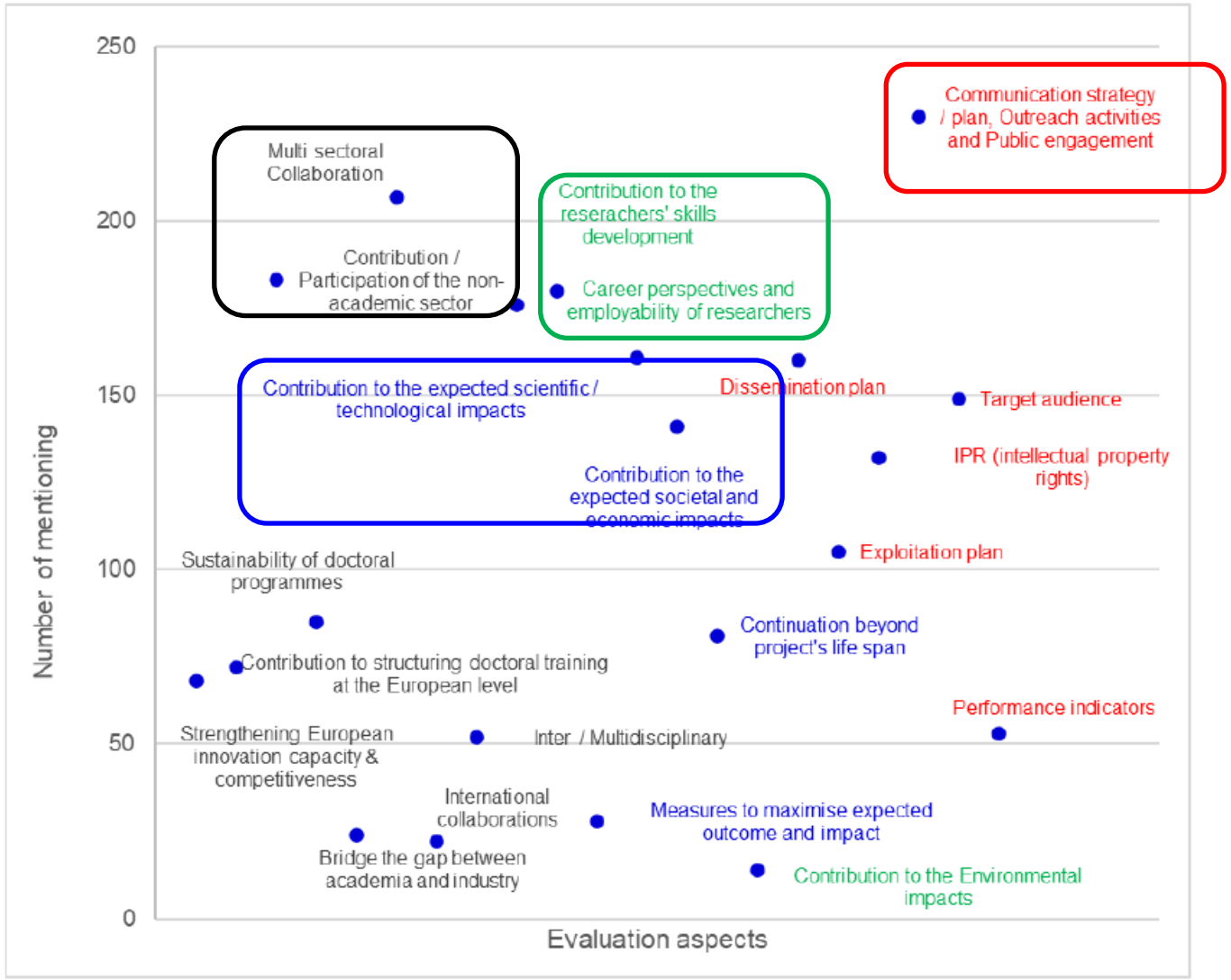
Be specific, referring to the effects of your project, and not R&I in general in this field.

The more, the better but be realistic

State the target groups that would benefit

Magnitude (how widespread) and importance (value of the benefits achieved)

IMPACT: Strengths



Black font is related to structuring doctoral training at the European level and strengthening European innovation capacity

Green font is related to the researcher's career perspectives and employability

Blue font is related to advancement of scientific fields

Red font is related to dissemination/ communication activities

DISCLAIMER: In the framework of the MSCA-NET network we have analysed the ESRs and herewith the outcomes are presented

IMPACT: Strengths

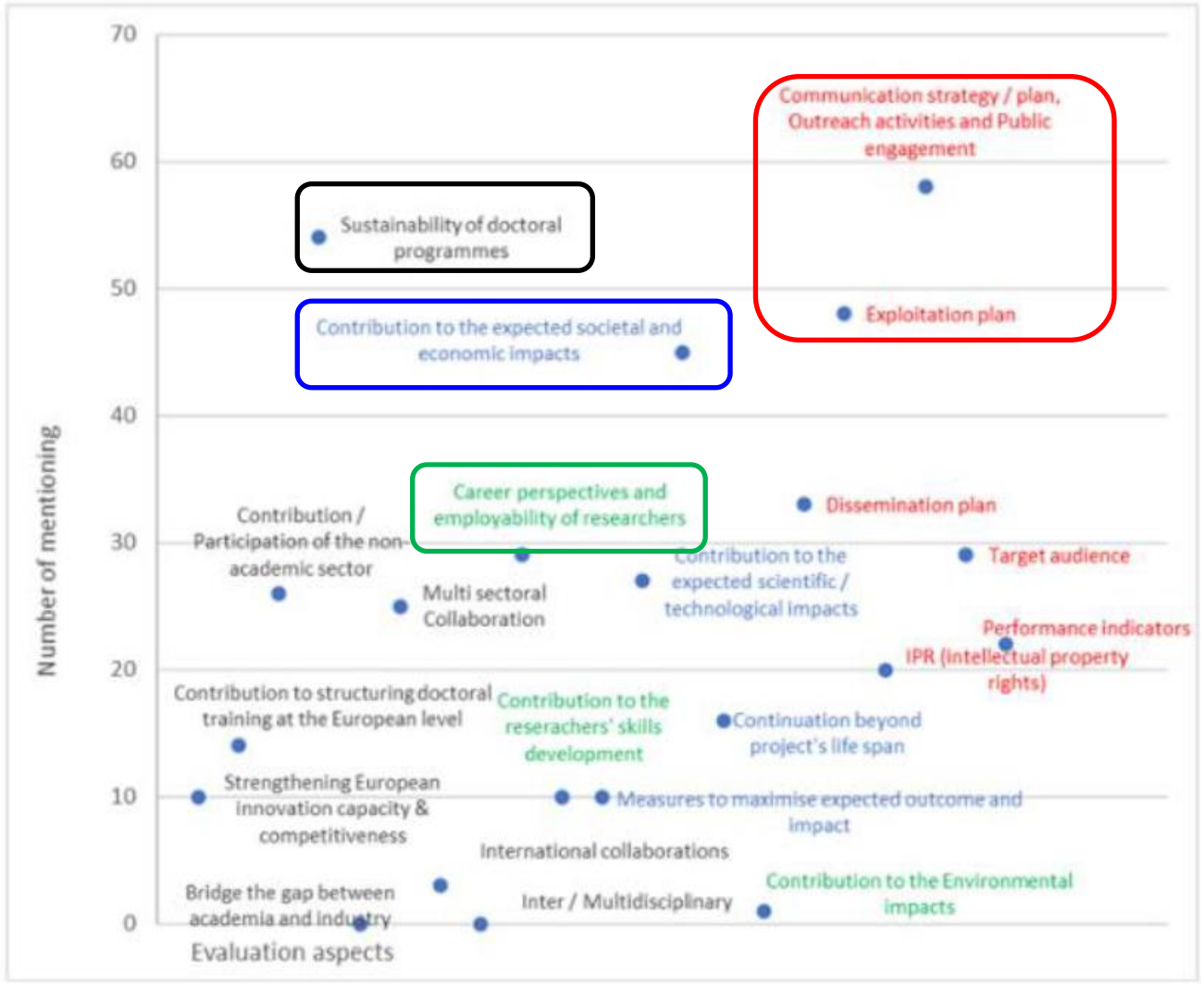
The contribution to structuring doctoral training at the European level is convincing and the benefits towards academic and non-academic sectors are very well sustained. European innovation capacity is expected to go beyond the state of the art in the specific field

The combination of skills and experience will make the young researcher an attractive employee to both private and public sectors through concrete measures training in translational research from academia and industry, their career prospects and employability will be increased convincingly.

The dissemination and communication strategy is extensive, presenting a credible and structured plan for the exploitation and dissemination of outputs, which is based on the effective use of appropriate on and offline tools to target different audiences and relevant performance indicators

The proposal has the potential to deeply impact both academic and policy sectors by providing human capital and expert knowledge in the cutting edge field of informality and precarity that is of interest to governmental, NGO, business and scientific stakeholders

IMPACT: Weaknesses



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IMPACT: Weaknesses

Concrete measures to ensure sustainability and durability of the doctoral program are only slightly outlined.

Additional skills to the entrepreneurial ones are not sufficiently described to convincingly justify how they will enhance DC's employability.

Outreach activities to the public, health care providers, decision-makers and other actors in society are generic and insufficiently considered.

The exploitation strategy is not sufficiently discussed, namely at the level of some of the envisaged demonstrators.

The description of the potential scientific, technological, economic and societal impact is broad and generic without focusing on specific results generated from the proposal.

3. IMPLEMENTATION

MSCA-NET

3.1 Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages

3.2 Quality, capacity and role of each participant, including hosting arrangements and extent to which the consortium as a whole brings together the necessary expertise

3.1 QUALITY AND EFFECTIVENESS OF THE WORK PLAN, ASSESSMENT OF RISKS AND APPROPRIATENESS OF THE EFFORT ASSIGNED TO WORK PACKAGES

MSCA-NET

- **Work Packages description** (table)
- **List of major deliverables** (table) including the awarding of doctoral degrees, where applicable (also after the end of the action)
- **List of major milestones** (table)
- **Fellow's individual projects** (table) including secondment plan

3.1 QUALITY AND EFFECTIVENESS OF THE WORK PLAN, ASSESSMENT OF RISKS AND APPROPRIATENESS OF THE EFFORT ASSIGNED TO WORK PACKAGES

MSCA-NET

Due date: The schedule should indicate the number of months elapsed from the start of the action (Month 1)

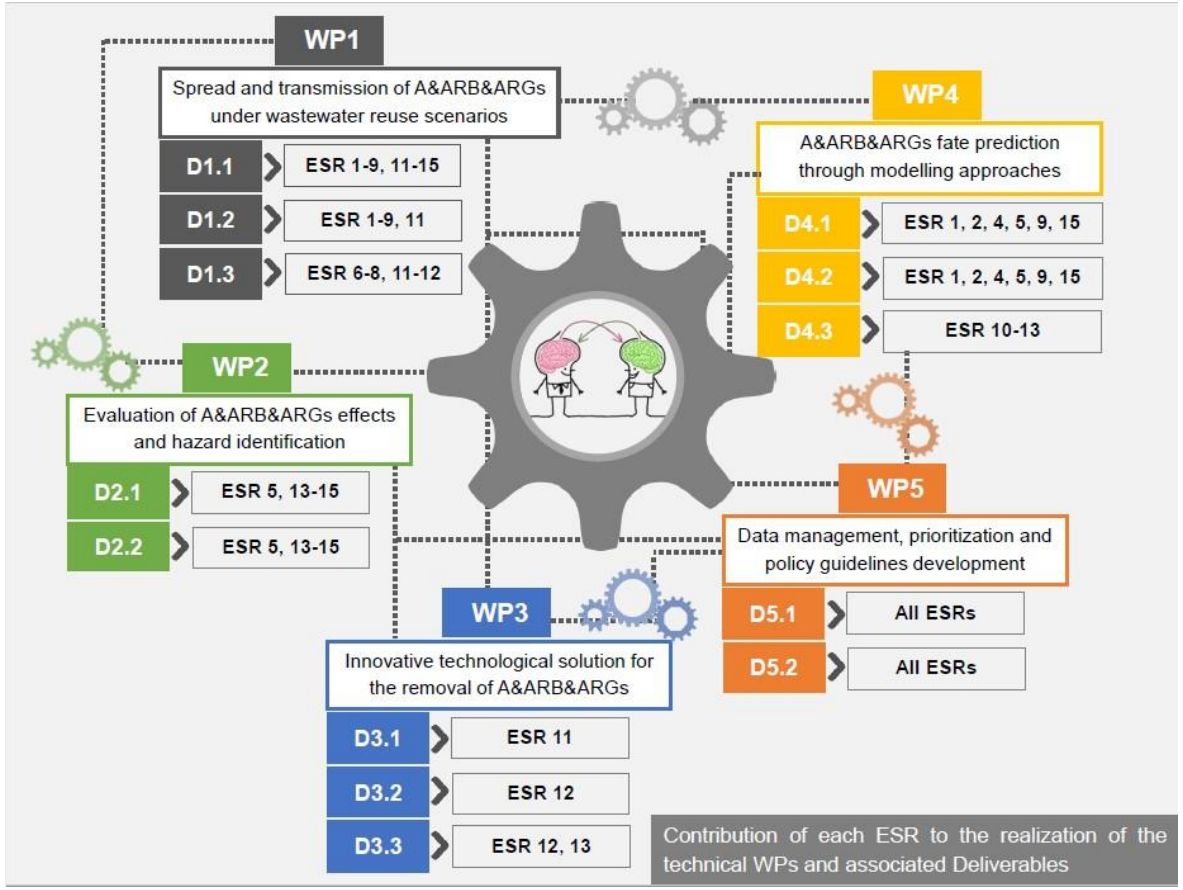
Describe the overall structure of your work plan, then each Work Package.

Demonstrate logical links between the Work Packages.

It is usual practice to include 3 or 4 Research WPs (matching the description in Section 1.2 Methodology). Also include non-research Work Packages: Management WP; Training WP; Dissemination/ Exploitation/ Communication/ Public Engagement WP.

The work plan for the programme research and training objectives must be coherent and efficient. It must convince the evaluators that you are able to achieve the objectives set.

3.1 QUALITY AND EFFECTIVENESS OF THE WORK PLAN, ASSESSMENT OF RISKS AND APPROPRIATENESS OF THE EFFORT ASSIGNED TO WORK PACKAGES



EXAMPLE OF OVERALL WORKPLAN

Source: ANSWER ITN project

Table 3.1 a Work Package Descriptions

Work Package Number	1	6-42
Work Package Title	Biomarker Discovery (research/training)	
Lead Beneficiary	UVEG (Jose Bagan)	

Objectives

(A) To train ESRs in state of the art techniques related to biomarker discovery,
(B) To identify novel panels of biomarkers for OOC,
(C) To pursue an avenue of translational research utilising identified biomarkers as therapeutic targets,
(D) To identify potential molecules for IP protection and patenting

Description of Work and Role of Beneficiaries/Partners

Task 1.1. (Lead: UVEG; **Participants:** TCD, NIBRT; **ESR 1). Identify differences in salivary glycan profiles in different disease stages of OSCC.** TCD will provide expertise in inflammatory markers analysis using flow cytometry and other immune assays. NIBRT will provide expertise in glycan analysis, ranging from isolation of salivary protein glycans through to glycan structural identification using liquid chromatography and mass spectrometry technologies.

Task 1.2. (Lead: QUB; **Participants:** Almac Diagnostics and TCD; **ESR 2). Develop integromic biomarkers capable of predicting response to chemotherapy in early stage OAC.** QUB together with Almac will analyse whole genome sequencing, methylation and microarray data aiding in biomarker discovery. TCD will functionally analyse the underlying biology of predictive classifiers.

Task 1.3. (Lead: UVEG; **Participants:** IME-SP; **ESR 3). Develop a diagnostic test based on salivary inflammatory markers as a predictor of an OSCC patient's response to radiotherapy.** IME-SP will utilise the Mesoscale discovery platform to determine the inflammatory cytokine profile of patient samples.

Deliverables

1.1 Report on correlation of salivary inflammatory & glycan markers with stages of OSCC (M24)
1.2 Report on correlation of salivary marker level with tumour control in radiotherapy patients (M24)
1.3 Report on identification of molecular signatures predictive of response to chemotherapy (M24)
1.4 Report on retrospective validation of resultant predictive classifiers (M36)
1.5 Awarding of PhD degree to ESRs 1-3 (M48)

EXAMPLE OF WP

3.1 QUALITY AND EFFECTIVENESS OF THE WORK PLAN, ASSESSMENT OF RISKS AND APPROPRIATENESS OF THE EFFORT ASSIGNED TO WORK PACKAGES

MSCA-NET

Table 3.1 c **Deliverables List**

Scientific Deliverables							
Number [10]	**Deliverable Title**	**Short description**	**WP No.**	**Lead Beneficiary Short Name**	**Type** [11]	**Dissemination Level** [12]	**Due Date (in months)**
Management, Training, Recruitment[13] *and Dissemination Deliverables*							
Number	**Deliverable Title**	**Short description**	**WP No.**	**Lead Beneficiary Short Name**	**Type**	**Dissemination Level**	**Due Date (in months)**

Table 3.1 d **Milestones List**

Number	Title	Related Work Package(s)	Lead Beneficiary	Due Date [14]	Means of Verification[15]

Table 3.1 e **Recruitment Table per Beneficiary**

Researcher No.	Recruiting Participant (short name)	PhD awarding entities	Planned Start Month 0-45	Duration (months) 3-36 (48 for DN-JD)
1.				

Table 3.1 f **Individual Research Projects**

If applicable and relevant, linkages between the individual research projects and the work packages should be summarised here (one table /fellow).

Fellow *(e.g. researcher 1)*	**Host institution**	**PhD enrolment***	**Start date** *(e.g. Month 6)*	**Duration** *(e.g. 36 months)*	**Deliverables** *(refer to numbers in table 3.1b)*
Project Title and Work Package(s) to which it is related:					
Objectives:					
Expected Results:					
Planned secondment(s): *Host, supervisor, timing, length and purpose*					
*** Enrolment in Doctoral degree(s):** **DN-JD specific:** institutions where the researcher will be enrolled to obtain a joint/double or multiple doctoral degree should be included **DN and DN-ID:** institution where the researcher will be enrolled to obtain a doctoral degree should be included					

If possible & meaningful, in the other sector

3.1 QUALITY AND EFFECTIVENESS OF THE WORK PLAN, ASSESSMENT OF RISKS AND APPROPRIATENESS OF THE EFFORT ASSIGNED TO WORK PACKAGES

MSCA-NET

- **Risk management at consortium level**

  Include a list incorporating research risks and project management risks (impacting the ability of the project to achieve its objectives).

  Describe practical mitigation and contingency plans for both.

Description of risk (indicate level of (i) likelihood, and (ii) severity: Low/Medium/High)	Work package(s) involved	Proposed risk-mitigation measures

3.2 QUALITY, CAPACITY AND ROLE OF EACH PARTICIPANT, INCLUDING HOSTING ARRANGEMENTS AND EXTENT TO WHICH THE CONSORTIUM AS A WHOLE BRINGS TOGETHER THE NECESSARY EXPERTISE

MSCA-NET

REQUIRED SUBHEADING:

- **Appropriateness of the infrastructure and capacity of each participating organization**

  Describe how the consortium has the necessary state-of-the-art infrastructure (databases, laboratories, research and scientific equipment, software, etc.), and premises to host and implement all aspects of the programme (research, training, administration, communications, exploitation, etc.).

  Describe the overall operational capacity and staff resources are sufficient to host and train researchers.

  Point out that consortium participants are leaders in their field and have all the research infrastructure, expertise and appropriate capacity for training programmes.

  Make sure that the hosting arrangements of the doctoral candidates are consistent across the consortium.

3.2 QUALITY, CAPACITY AND ROLE OF EACH PARTICIPANT, INCLUDING HOSTING ARRANGEMENTS AND EXTENT TO WHICH THE CONSORTIUM AS A WHOLE BRINGS TOGETHER THE NECESSARY EXPERTISE

MSCA-NET

REQUIRED SUBHEADING:

- **Consortium composition and exploitation of participating organisations' complementarities**

  Show how this includes expertise in social sciences and humanities, open science practices, and gender aspects of R&I, as appropriate

  Explain how the consortium and supervisors are the best choice to implement this programme

  Complementarities/synergies between all participants and how these will be exploited to deliver an excellent programme (use a diagram or table).

  How their previous experience makes them suitable for their tasks in this programme.

  Also, state if you have had previous direct experience with cooperation in research projects (e.g., MSCA ITN, MSCA RISE, COST Action or another research project).

3.2 QUALITY, CAPACITY AND ROLE OF EACH PARTICIPANT, INCLUDING HOSTING ARRANGEMENTS AND EXTENT TO WHICH THE CONSORTIUM AS A WHOLE BRINGS TOGETHER THE NECESSARY EXPERTISE

MSCA-NET

REQUIRED SUBHEADINGS:

- **Commitment of beneficiaries and associated partners to the programme**

  The role of associated partners and their active contribution to the research and training activities should be described.

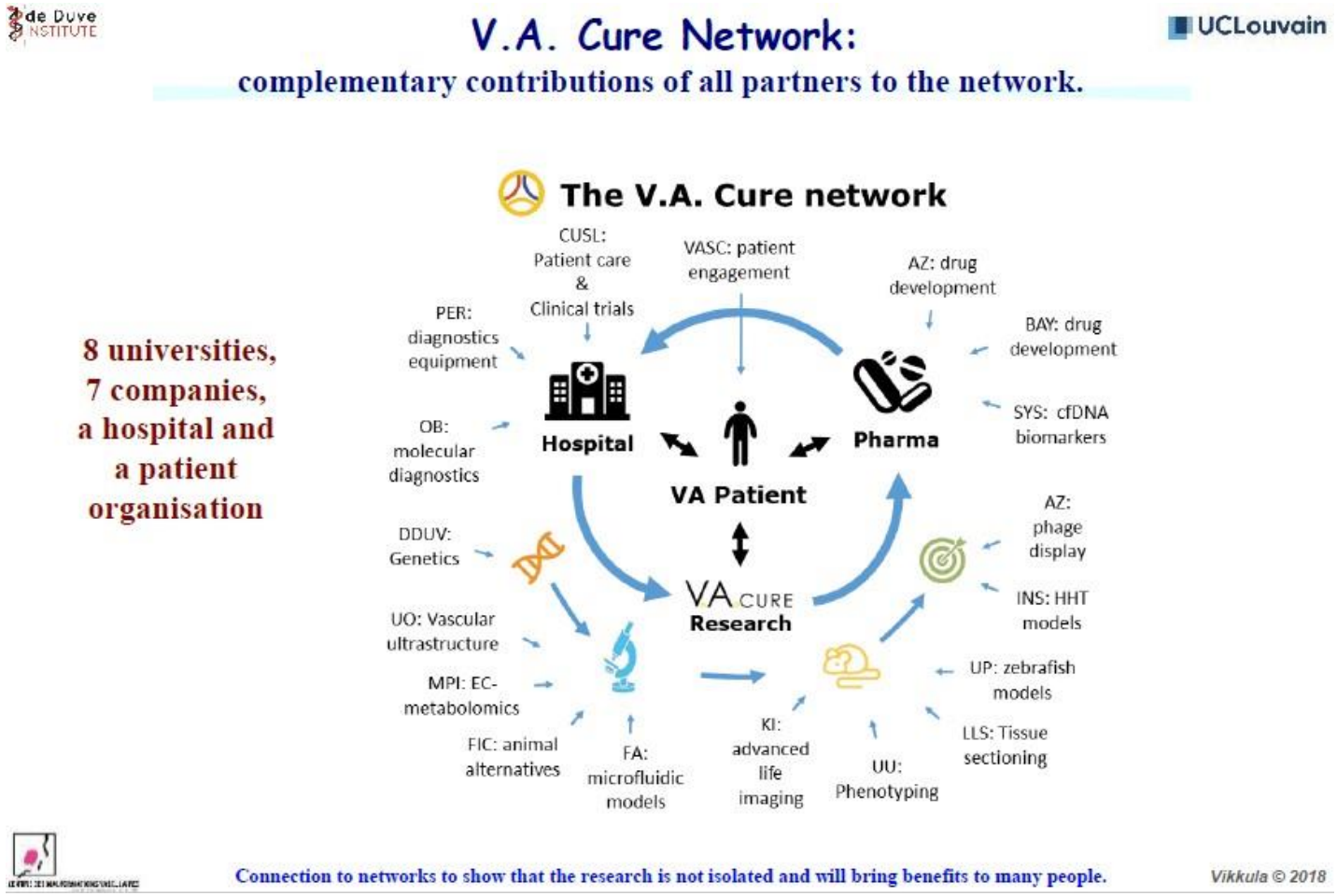
  Outline the commitment of each participant by showing that they are all highly active in the project – refer to earlier sections.

  It is vital to highlight strong non-academic sector involvement.

- **Funding of non-associated third countries (if applicable)**

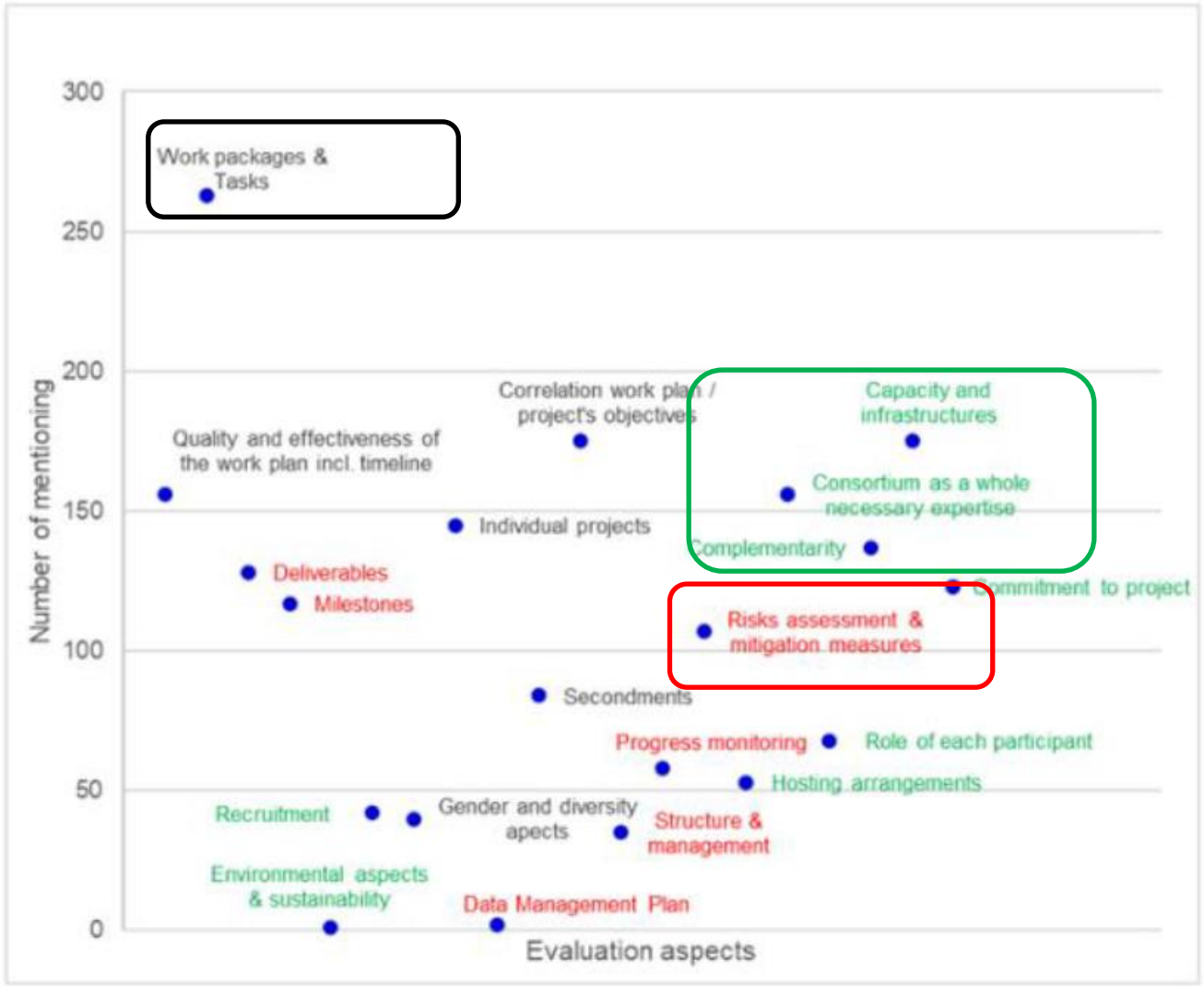
  Why are they engaged?

3.2 QUALITY, CAPACITY AND ROLE OF EACH PARTICIPANT, INCLUDING HOSTING ARRANGEMENTS AND EXTENT TO WHICH THE CONSORTIUM AS A WHOLE BRINGS TOGETHER THE NECESSARY EXPERTISE



EXAMPLE OF CONSORTIUM EXPLANATION

IMPLEMENTATION: Strengths



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Red font is related to monitoring and mitigation plan

Green font is related to host suitability

DISCLAIMER: In the framework of the MSCA-NET network we have analysed the ESRs and herewith the outcomes are presented

IMPLEMENTATION: Strengths

MSCA-NET

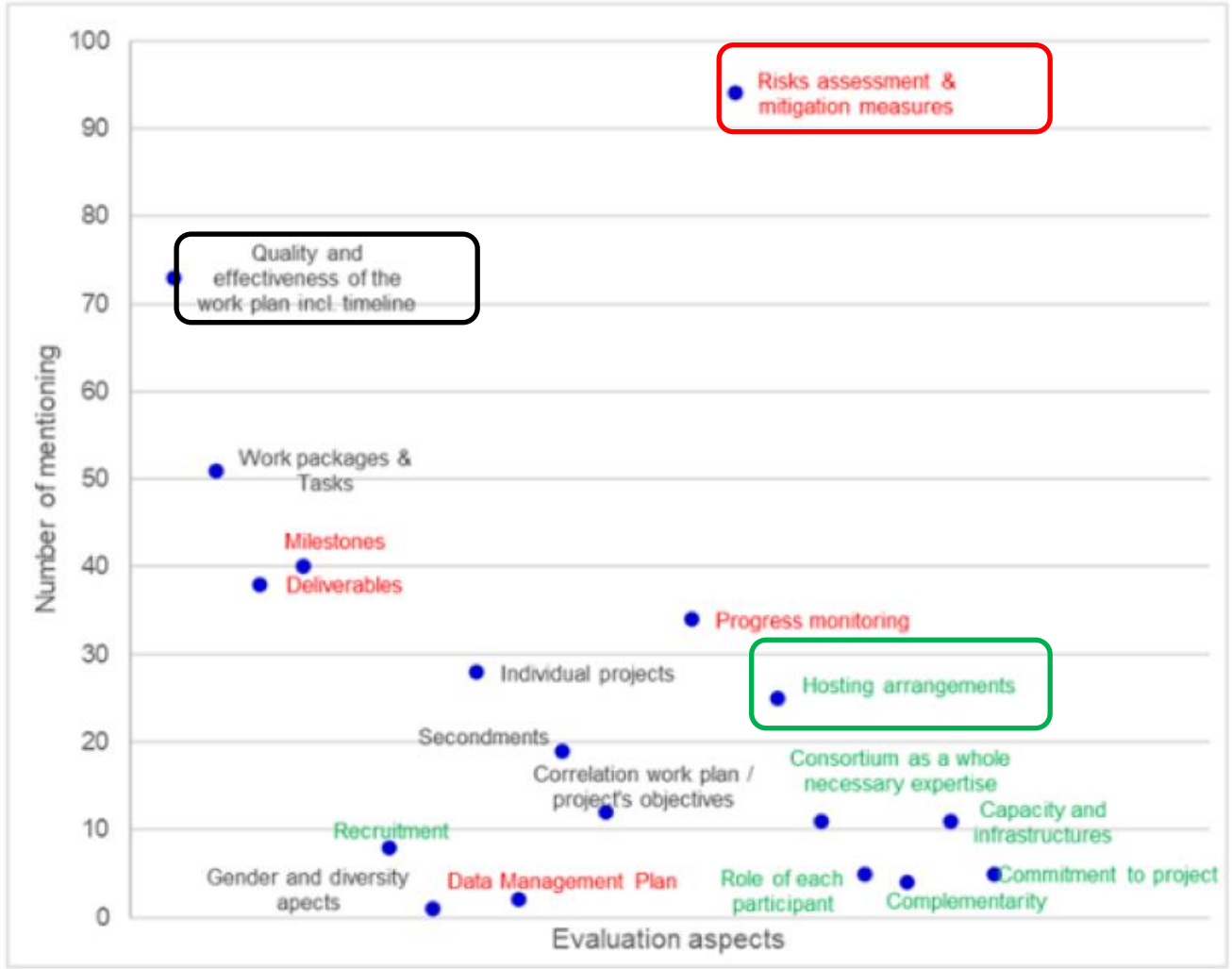
The work plan is logically and coherently structured to ensure a very good balance between research and training. The goals for the project of each doctoral candidate are explained in appropriate detail. The allocation of tasks is adequate

Research progress monitoring will be regularly carried out and used to support or adjust project goals and actions. Specifically DCs' activities will be monitored through meetings between the researchers and the supervisors on a monthly basis.

Consortium has the necessary experience and knowledge to support DCs. Beneficiaries and associated partners are complementary in expertise and are well committed.

Necessary infrastructure and capacity to host researchers is well demonstrated. The proposal presents clearly a set of well-organised hosting arrangements scattered in the different institutions that have the infrastructures and the operational capacity to carry out the programme

IMPLEMENTATION: Weaknesses



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IMPLEMENTATION: Weaknesses

MSCA-NET

Work packages are mutually unrelated, the partners' expertise and work are limited to individual work packages, which limits their collaboration and results integration.

The timing of the work packages has several weaknesses, as the recruitment period and the duration of the individual research projects have not been consistently taken into account.

The scientific risk resulting from the strong interdependency of the work packages, as reflected in the tasks allocated to the doctoral candidates, has not been fully taken into account

The risk management strategy insufficiently considers specific risks, for example risks related to the organization and coordination of scheduled activities or the risk of doctoral candidates deviating from the specified tasks.

Some secondment activities are too short, and only few researchers would gain industry experience. In addition, for industry secondments of 1 month their relevance for the researchers is inconclusive.

B2 : 4. RECRUITMENT STRATEGY

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Before as part of 3.1.

Centralised recruitment is best.

Describe the application process, applicant requirements, composition of selection committees, decision making/selection process.

Use EURAXESS Jobs and funding portal to advertise.

Explain employment conditions (employment contracts with full social security benefits are mandatory unless prevented by national legislation).

Have in mind gender-balanced recruitment. If applicable and relevant to your research area, describe how you will recruit a gender-balanced mix of doctoral candidates, e.g. targeted advertising to women-in-science groups (e.g. IEEE Women in Engineering, plus multi-disciplinary groups such as the European Platform of Women Scientists).

Source: ANSWER ITN project

B2 : 5. NETWORK ORGANIZATION

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Suggested Management Structure: Supervisory board (main body), External Advisory group, Project management team, Doctoral candidate committee, committees related to work packages: training/ doctoral studies committee, Communication and Public engagement committee, Research coordination committee, Dissemination, IP and exploitation committee.

Describe each Committee (composition and role). Gender balance is very important.

Explain decision-making processes (e.g., simple majority or 2/3 majority rules) and conflict resolution strategy.

Describe the use of the Consortium Agreement and what it will cover – a good example is available from the DESCA website (**https://www.desca-agreement.eu/desca-model-consortium-agreement/**)

B2 : 5. NETWORK ORGANIZATION

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Describe the financial management strategy – resource planning and allocation of finances. Ensure it is clear that the financial resources are allocated transparently and efficiently across the consortium so that the money is linked to the delivery of the programme.

Where doctoral degrees in participating organisations require 4 years, if possible, state where you will find the additional funds for the additional year: evaluators are specifically instructed by REA to reward this proactivity with extra points, but not penalise proposals which don't.

Describe the internal communications strategy to keep the consortium and the doctoral candidates in regular contact, e.g., intranet or other document repository, regular face-to-face and/or virtual meetings.

B2 : 6. SUPERVISORY BOARD

A Supervisory Board is mandatory. This is the main decision-making body for the network. All beneficiaries and supervisors are represented, plus at least one doctoral candidate representative (consider rotating representation among all doctoral candidates).

Associated Partners can be represented in the SB with or without voting right.

Briefly describe the main activities of the Board, including regular meetings. Detailed decision-making procedures can be explained in Part B2 – section 4 – Network organisation.

Be conscious of having gender-balanced membership.

Doctoral candidate	Main Supervisor	Gender	Co-supervisor	Gender
DC1				
DC2				
DC3				
DC4				

B2 : 7. ENVIRONMENTAL ASPECTS IN LIGHT OF THE MSCA GREEN CHARTER

The goal of the MSCA Green Charter is to encourage sustainable thinking in research management.

Describe sustainable measures of implementation and procedures on organisational and consortium level, e.g.,

- to reduce, reuse and recycle, promote green purchasing for project-related materials,
- ensure the sustainability of project events,
- use low-emission forms of transport,
- promote teleconferencing whenever possible,
- use sustainable and renewable forms of energy,
- develop awareness on environmental sustainability, etc.

If you have included training for the Doctoral Candidates in ‘green aspects’, you may also include it here.

B2 : 8. PARTICIPATING ORGANISATIONS

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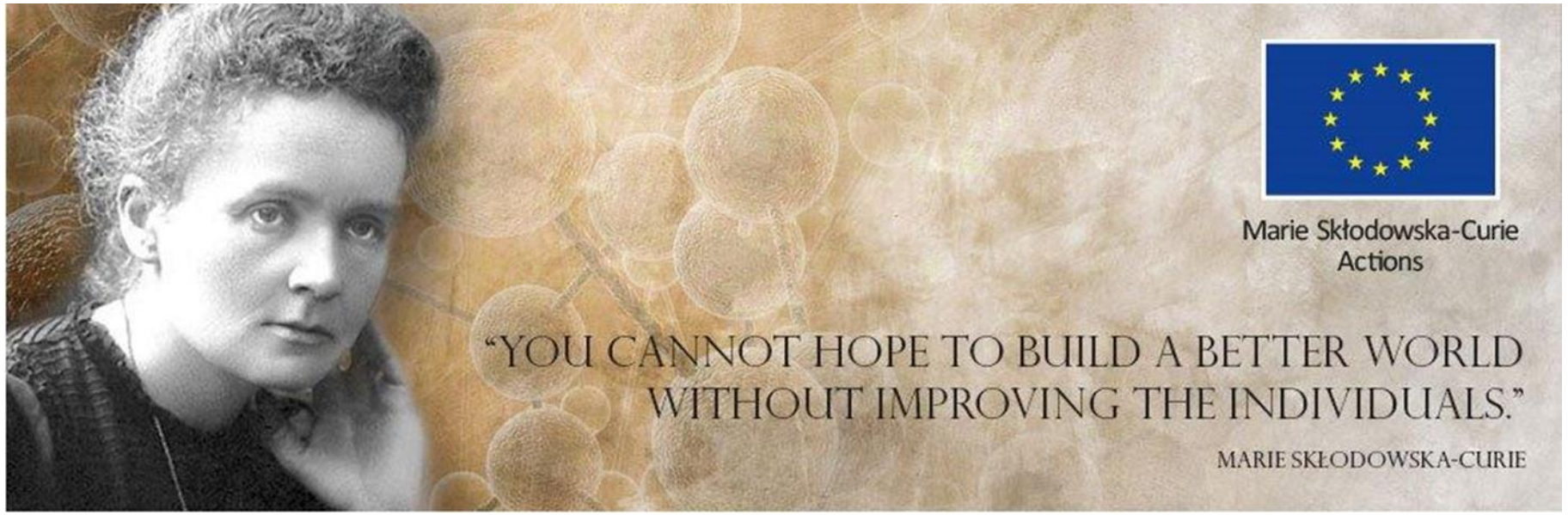
Beneficiary Legal Name:	
General Description	*Short description of the activities relevant to the action*
Role and Commitment of key persons (including supervisors)	*Including names, title and the intended extent of involvement in the action (in percentage of full-time employment) of the key scientific staff who will be involved in the research, training and supervision*
Key Research Facilities, Infrastructure and Equipment	*Outline the key facilities and infrastructure available and demonstrate that each team has sufficient capacity to host and/or offer a suitable environment for supervising the research and training of the recruited researchers*
Status of Research Premises	*Please explain the status of the beneficiary's research facilities – i.e. are they owned by the beneficiary or rented by it? Are its research premises wholly independent from other beneficiaries and/or associated partners in the consortium?*
Previous Involvement in Research and Training Programmes, including H2020 ITN	*Detail any relevant EU, national or international research and training actions/projects in which the beneficiary has previously participated. Please clearly mention any previous involvement in H2020 ITN funded project(s), including project(s) acronym and reference number.*
Current Involvement in Research and Training Programmes, including H2020 ITN	*Detail any relevant EU, national or international research and training actions/projects in which the beneficiary is currently participating. Please clearly mention any current involvement in ongoing ITN funded project(s), including project(s) acronym and reference number.*
Relevant Publications/datasets/ softwares/ Innovation Products/ other achievements	*Max. 5* *Key elements of the achievement, including a short qualitative assessment of its impact and (where available) its digital object identifier (DOI) or other type of persistent identifier (PID). Publications, in particular journal articles, are expected to be open access. Datasets are expected to be FAIR and 'as open as possible, as closed as necessary'.*

Associated Partner Legal Name:	
General description	
Key Persons and Expertise	
Key Research Facilities, Infrastructure and Equipment	
Previous and Current Involvement in Research and Training Programmes	
Relevant Publications/datasets/ softwares/ Innovation Products/ other achievements	*Max. 3* *Key elements of the achievement, including a short qualitative assessment of its impact and (where available) its digital object identifier (DOI) or other type of persistent identifier (PID). Publications, in particular journal articles, are expected to be open access. Datasets are expected to be FAIR and 'as open as possible, as closed as necessary'.*

Include whatever is relevant for the project!



¡Muchas gracias!

Xavier Eekhout

MSCA NCP in Spain

msca@fecyt.es