Marie Sklowdowska Curie PF

Call 2022

Yellow Research
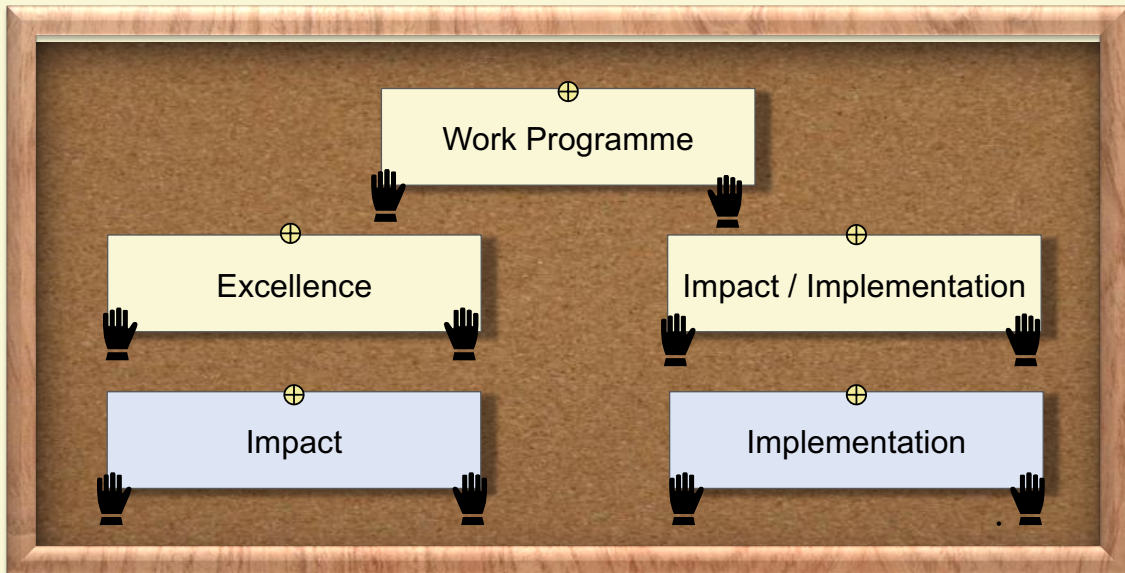
I'm Lotte Jaspers

Founding Partner of Yellow Research

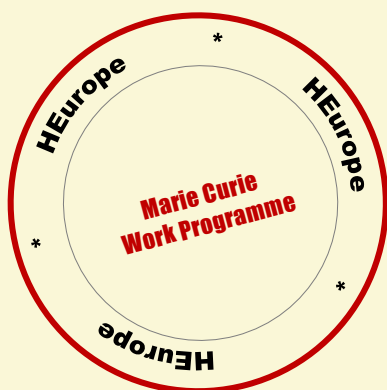Yellow Research

Webinar

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Work Programme

MSCA WP: Expected Impact

At the heart of Expected Impact

- to enhance the creative and innovative potential of researchers holding a PhD, wishing to acquire new skills through advanced training, international, inter-disciplinary and inter-sectoral mobility while implementing excellent research
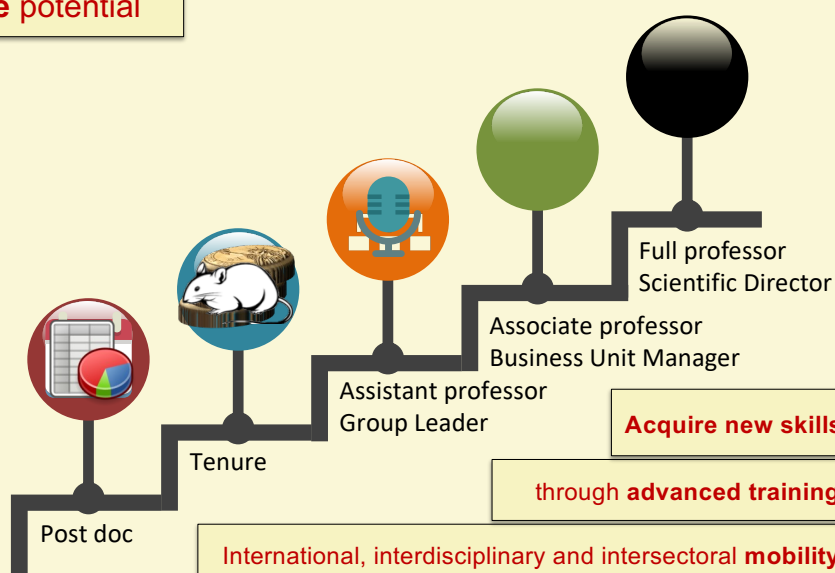
Marie Curie Work Programme

HEurope

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Enhance
creative and **innovative** potential

researchers holding a PhD

Full professor
Scientific Director

Associate professor
Business Unit Manager

Assistant professor
Group Leader

Tenure

Post doc

Acquire new skills

through **advanced training**

International, interdisciplinary and intersectoral **mobility**

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Dissecting MSCA-PF Core Expected Impact once more

TRAINING

Interdisciplinary

Creative

Innovative

Big Research Question / The Challenge; Concept, Approach

Methods, techniques, tools…..

Skills

Competences

Budget, Time, Supervision, IPR, ….

Mobility

International

Intersectoral

Public or Private

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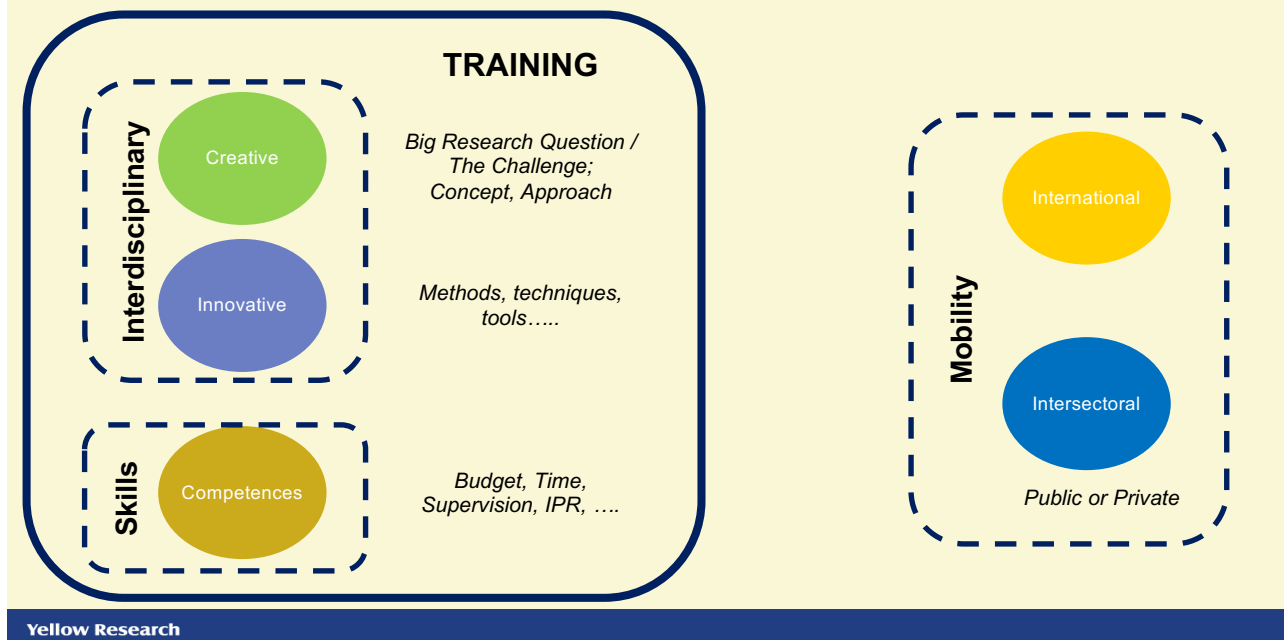
Meaningful Secondments European PF
Adding significant value and impact to the fellowship

In line with project objectives	Duration: 3 to 6 months	Where	Complementarity
❑ Extend: o Methodological base o Theoretical base o … ❑ Not the same as fieldwork ❑ Important for your career opportunities	• Max 1/3 of duration fellowship • Single secondment, • Several shorter periods	• *Any country worldwide* • Same sector, or • Different sector	• Secondment host to regular host • Use section 5 well

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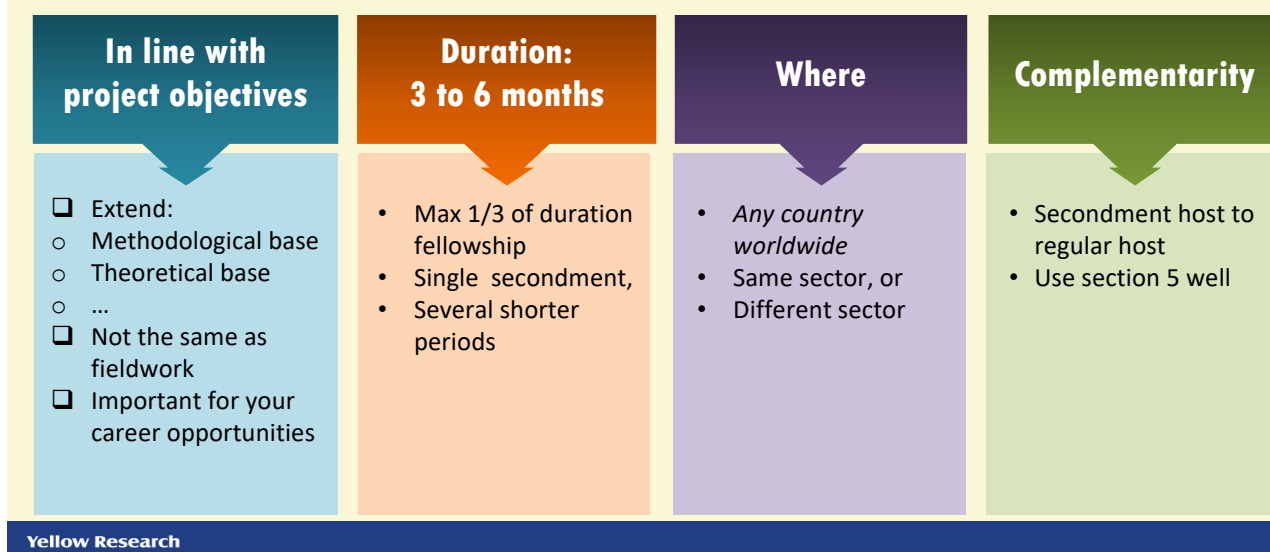
Meaningful Secondments Global PF
Adding significant value and impact to the fellowship

| In line with project objectives	Duration: 3 to 6 months	Where	Complementarity
❑ Extend: ○ Methodological base ○ Theoretical base ○ … ❑ Not the same as fieldwork ❑ Important for your career opportunities	• *at the start max 3 months stay with beneficiary* • Optional secondments up to 1/3 of the outgoing phase • Not during return phase	• *Any country worldwide* • Same sector, or • Different sector	• Secondment host to regular host • Use section 5 well

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Additional: Placements

Dissecting MSCA-IF WP Objective once more
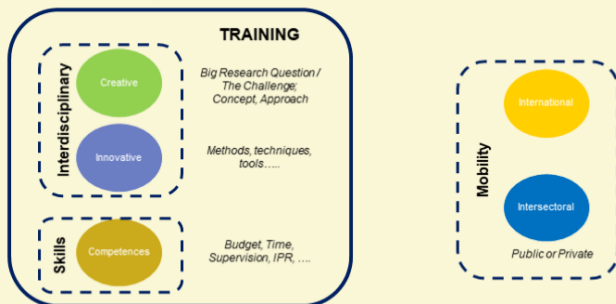
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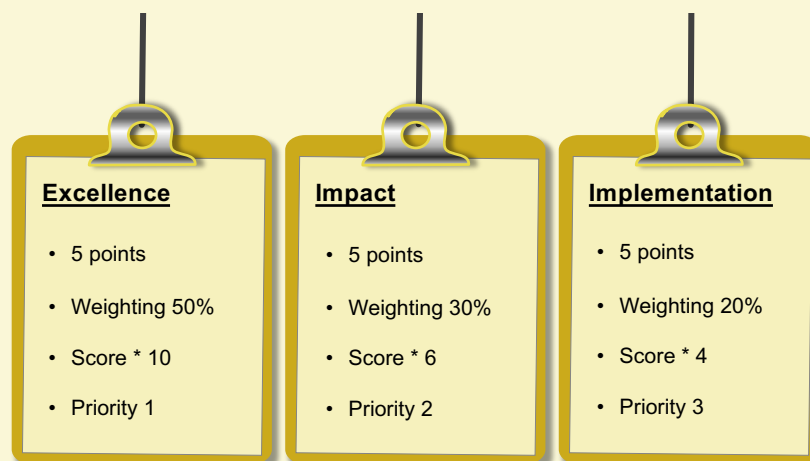Placements in non-academic sector for an additional period of 6 months, after the end of the Project.
• To stimulate innovation and knowledge transfer
• To promote career moves between sectors and expanding your career opportunities

Evaluation

Evaluation criteria, weightings and thresholds

Excellence

- 5 points
- Weighting 50%
- Score * 10
- Priority 1

Impact

- 5 points
- Weighting 30%
- Score * 6
- Priority 2

Implementation

- 5 points
- Weighting 20%
- Score * 4
- Priority 3

Overall threshold: 70%

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2021 Proposal Outline - 10 pages;

PART 1

B1 — **Excellence** — 5 pages
1.1 Quality, pertinence, research objectives
1.2 Soundness of the proposed methodology
1.3 Quality of the supervision, training + 2-way Transfer of knowledge
1.4 Quality and appropriateness of the PF's professional expertice, competences and skills

B2 — **Impact** — 2.5 pages
2.1 Credibility of the measures to enhance career perspectives and employability
2.2 Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities
2.3 Magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts

B3 — **Implementation (*incl Gantt Chart*)** — 2.5 pages
3.1 Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages
3.2 Quality and Capacity of the host institutions and participating organisations, including hosting arrangements

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Proposal Outline

Part 2

B2.4 — *CV of the Researcher*

B2.5 — *Capacities of the Participating Organisations (hosts)*

B2.6 — *Additional Ethical Information*

B2.7 — *Additional information on security screening*

B2.8 — *Letters of Commitment of associated partners (only for hosts Third Countries for Global Fellowships and non-academic partner placements*

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B1 Excellence

Excellence Criteria

- 5 points
- Score * 10
- Priority 1

1.1 Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)

1.2 Soundness of the proposed methodology (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)

1.3 Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host

1.4 Quality and appropriateness of the researcher's professional experience, competences and skill
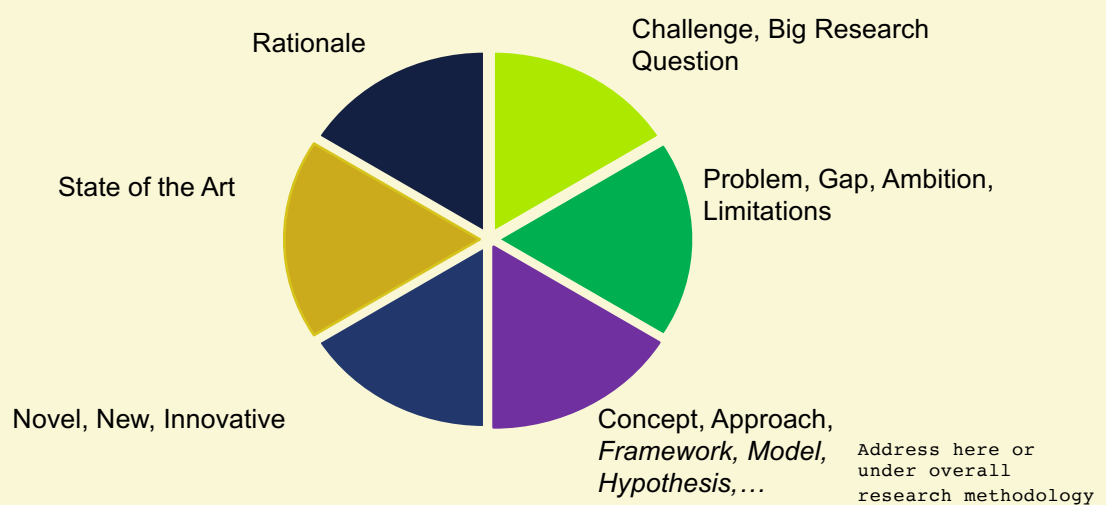
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Quality and Pertinence of the Objectives

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Grant vocabulary may be field specific for example

Rationale

Challenge, Big Research Question

State of the Art

Problem, Gap, Ambition, Limitations

Novel, New, Innovative

Concept, Approach, *Framework, Model, Hypothesis,…*

Address here or under overall research methodology

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The Big Interdisciplinary Research Question
Chicago Style

- I'm working on topic X
  - ❏ Because I want to find out Y (How / Why)
    So that we can better understand Z
    So What *are the interdisciplinary dimensions that opens new research perspectives for you?*

  - ❏ "So What*" : methods only extending current capacity or truly broadening your potential?*
    "Larger Answer that explains why it is well worth knowing or well worth Doing for the field and not only for your research area

- Keep re-iterating the "So What" question until the bigger picture is clear *and therefore the pertinence of the question is clear*

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Objectives

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Objectives

Each objective should:

- Address important interdisciplinary research question(s)
- Contextualize the current state-of-the-art and how therefore you go beyond it
- Linked to a WP
- Already consider potential impact of gender issues on the objectives but discuss it under the methodology

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Going beyond the state of the art

State of the art
What are the current Challenges
Why can you tackle these

References worldwide to demonstrate the current challenges:
Only key references

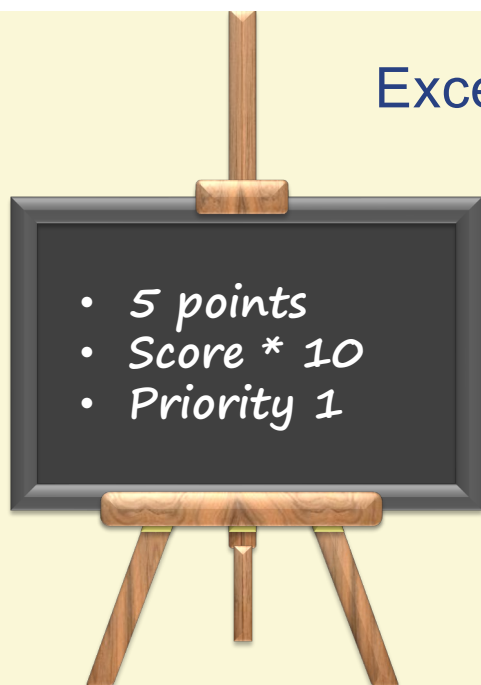**Why can you tackle these challenges**

Supervisor references
Demonstrate the core
expertise of the host

Your own references:
You complete the picture

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Excellence Criteria

- *5 points*
- *Score * 10*
- *Priority 1*

1.1 Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)

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1.4 Quality and appropriateness of the researcher's professional experience, competences and skill

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Overall Methodology

Specify Concept

Theoretical dimension

- Explains the underlying idea

- What is innovative/unconventional in the "*concept*"?

- What evidence supports the feasibility of the concept?

- Capture the concept in a figure or highlight it clearly in the text

Specify Approach

Methodological, Technical dimension

- It provides the methodological approach to explore the concept underlying the Big Research Question
  - *e.g. empirical versus theoretical, qualitative / descriptive versus quantitative and so on*

- Include preliminary evidence to support feasibility of the novel approach

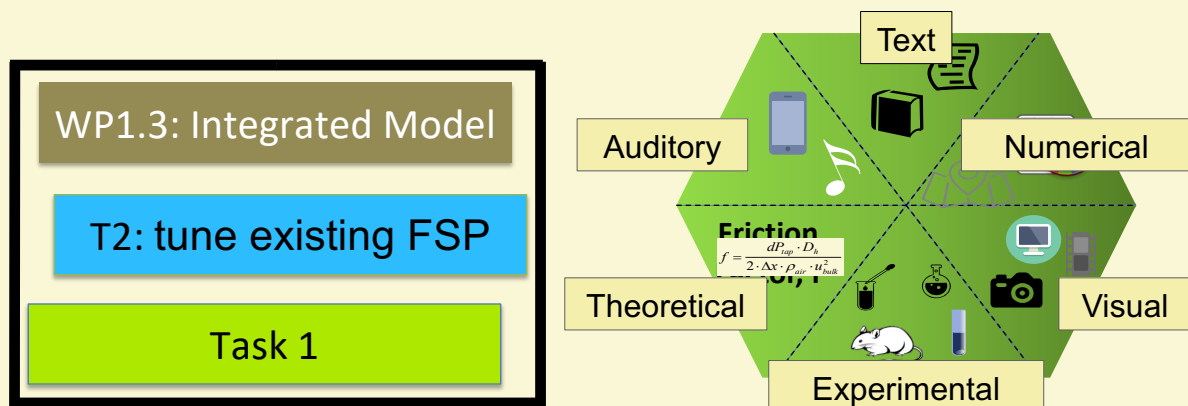**Yellow Research**

Vocabulary: Strategy - Design

Alternatives

Research Design

Rationale

Approach

Activities How it will be done: methods, tools, techniques

Quality and Credibility

Work packages

Tasks – What will be done

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The WP decomposed: Tasks and activities

WP1.3: Integrated Model

T2: tune existing FSP

Task 1

Text

Auditory

Numerical

Friction

$$f = \frac{dP_{tap} \cdot D_h}{2 \cdot \Delta x \cdot \rho_{air} \cdot u_{bulk}^2}$$

Theoretical

Visual

Experimental

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Research Design task level

Per WP
- The strategy or specific concepts

Per task:
- the specific methods, techniques, tools (footnote with references)
- the rationale of methods selected
- How these will be utilized to achieve the objective
- Alternatives for challenging aspects
- *Preliminary evidence*

Task 1.1:
Detail the how to

Task 1.2:
Detail the how to

Task 1.3:
Detail the how to

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Section 3 Implementation: Work plan – Efficient and Effective

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP 1																								
Task 1.1																								
Task 1.2																								
WP 2																								
Task 2.1																								
Task 2.2																								
WP 3																								
Task 3.1																								
Task 3.2																								
Deliverable													D1											D2
Milestone					M1									M2										
Secondment																								
Conf./Workshop/Seminar			W	S			W	C		S				W	C				W			C		
Dissemination																								
Public engagement																								
Exploitation																								
Risks																								

We will discuss this at the end of the webinar as part of the section Implementation, just know that this is part of the proposal
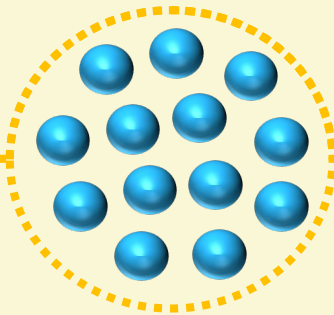
Work package:

- Single WP or several
- WP sequential or linear
- Sequential: Sufficient time to run tasks in parallel? Why?
- Linear: How will you handle delays?

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Gender

Gender dimension
Diversity or better Intersectionality

Which objectives are affected / impacted

How does it affect conduct of the work (tasks of the WPs)

Discuss how intersectional aspects impact the research design

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http://genderedinnovations.stanford.edu/terms/intersectionality.html

Open Science Practices

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Open Science Practises

- **early and open sharing** of research (for example through preregistration, registered reports, pre-prints, or crowd-sourcing)
- **research output management**
- measures to ensure **reproducibility** of research outputs
- providing **open access** to research outputs (such as publications, data, software, models, algorithms, and workflows) *through deposition in trusted repositories*
- participation in **open peer-review**
- **involving all relevant knowledge actors** including citizens, civil society and end users in the co-creation of R&I agendas and contents (such as citizen science)
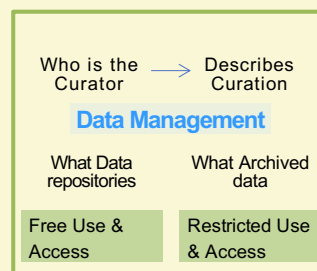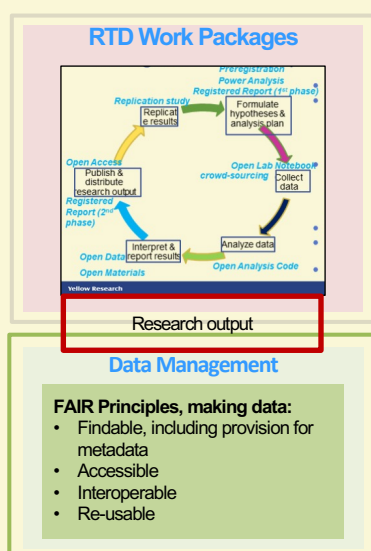
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Open Science Practises

Preregistration
Power Analysis
Registered Report (1st phase)

Replication study
Replicate results

Formulate hypotheses & analysis plan

Open Access
Publish & distribute research output

Open Lab Notebook
crowd-sourcing
Collect data

Registered Report (2nd phase)

Interpret & report results

Analyze data

Open Data

Open Materials

Open Analysis Code

- **early and open sharing** of research
- **involving all relevant knowledge actors** including citizens, civil society and end users in the co-creation of R&I agendas and contents (such as citizen science)
- providing **open access** to research outputs (such as publications, data, software, models, algorithms, and workflows) *through deposition in trusted repositories*
- **research output management**
- measures to ensure **reproducibility** of research outputs
- participation in **open peer-review**

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Data Management

Fair Principles
Curation/storage

Data Management of research outputs, paragraph

RTD Work Packages

Research output

Data Management

FAIR Principles, making data:
- Findable, including provision for metadata
- Accessible
- Interoperable
- Re-usable

Who is the Curator → Describes Curation

Data Management

What Data repositories

What Archived data

Free Use & Access

Restricted Use & Access

FAIR data principles –
Discuss How Applied

Findability: Codes where stored consider the project website as well as GitHub. Data will be archived at the university's ... platform and indexed using the EU Open Data Portal. Consider assigning a Digital Object Identifier set (DOI) that that you will use in any scientific publication using that data set.

Accessibility: publishing data and results in Open Access (in line with Plan S)

Interoperability: what kind of programming languages will you use that are widely used by the your scientific community. Why is the pdf format for documents a good format (easy sharing, not risk of obsolescence

Reusability: Why is the use of commonly used coding programming for the community; Where will you make these available e.g. own project webpage and a public GitHub file, Where will you make available your publications, and talks/presentations, e.g. own project website as well as.... . How will you reference your data e.g. via their DOIs.

Curation/storage: Does your university offers free, secure, high-capacity storage on its servers? , including automatic back-ups, limited access and export functionality? As well as open access repository?

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Excellence Criteria
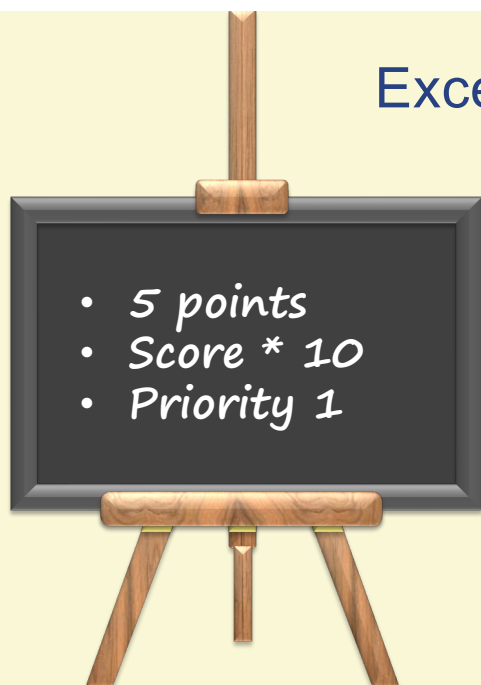
- *5 points*
- *Score * 10*
- *Priority 1*

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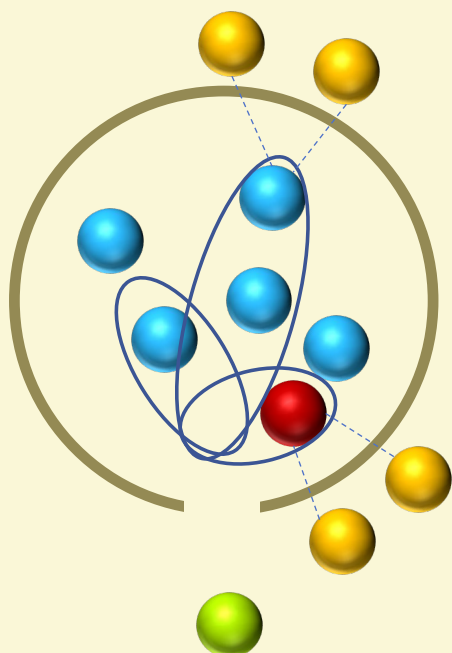
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Supervisors

It's a Team effort!

Quality of supervision

1) Write a short "bio" of supervisor include:
- His/her expertise on the topic and methods per objective
- Expertise on OS (only if OS practices are deployed)
- Quality of expertise: e.g. journal, recognition
- Collaborators
- Capacity for   successful supervision, how may PhDs supervised
- Show where they are working now

2) Make clear:
The relevant qualifications, expertise and knowledge of the co- supervisor(s):
- Other team members
- Secondment supervisor

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Training

Transferable Competences

co-design the training program

Research
● Citizen Science; ● Data analysis; ● Disciplinary knowledge and terminology; ● Ethics and integrity; ● Grant application writing; ● Inter-disciplinarity; ● Literature use and management; ● Open Access publishing; ● Open Data management; ● Open Education; Open Evaluation; ● Open Licensing ● Open Methodology; ● Open Source; ● Project management; ● Time management

Digital
● Information accessing and retrieval; ● Information presentation and visualization; ● Information processing and exchange; ● Programming; ● Software usage and development

Communication
● Academic writing; ● Formal correspondence; ● Oral presentation: ● Science for non-technical audiences; ● Science for policy making; ● Social media and webinar usage;

Interpersonal
● Conflict management; ● Discipline and perseverance; ● Diversity awareness; ● Indepen-dence and responsibility; ● Leadership; ● Negotiation; ● Networking; ● Rhetoric and argumentation; ● Stress tolerance; ● Taking on responsibility; ● Teamwork

Career Development
● Career planning and assessment; CV writing; ● Interview techniques; ● Job application / searching ● Skills documentation and verification; ● Skills gap identification and development

Cognitive
● Abstraction and creativity; ● Analysis and synthesis; ● Critical thinking; ● Organisation and optimization; ● Problem-solving

Teaching, Supervision
● Course development and assessment; ● Exam preparation and assessment; ● Mentoring and supervising students; ● Teaching and learning theories and methods

SOCIETAL - GREEN

Enterprise
● Commercialisation; ● Entre-preneurship; ● Innovation; ● Intellectual Property Rights (IPR); ● Knowledge transfer within and across sectors; ● Legal and business standardization; ● Patenting

Mobility
● Intercultural awareness; ● Intercultural communication; ● Intersectoral experience; ● Intersectoral awareness; ● Foreign language skills

Source: Eurodoc transferable skills report 2018

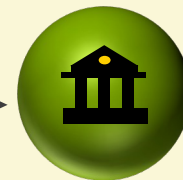# Transfer of Knowledge

European PF: 2-Way Transfer of Knowledge

Fellow
How will you benefit from
the New Knowledge
gained at the host

Host
How does the Host
benefit from your
existing knowledge

Knowledge

Mutual Benefit
How will each benefit
from the project

Knowledge

Global PF: 3-Way Transfer of Knowledge

Fellow in 3rd country
What Knowledge & Skills will be transferred between you and 3rd country host

Fellow to Host
How will you transfer your Knowledge & Skills gained in the 3rd country to the host

Host to Fellow
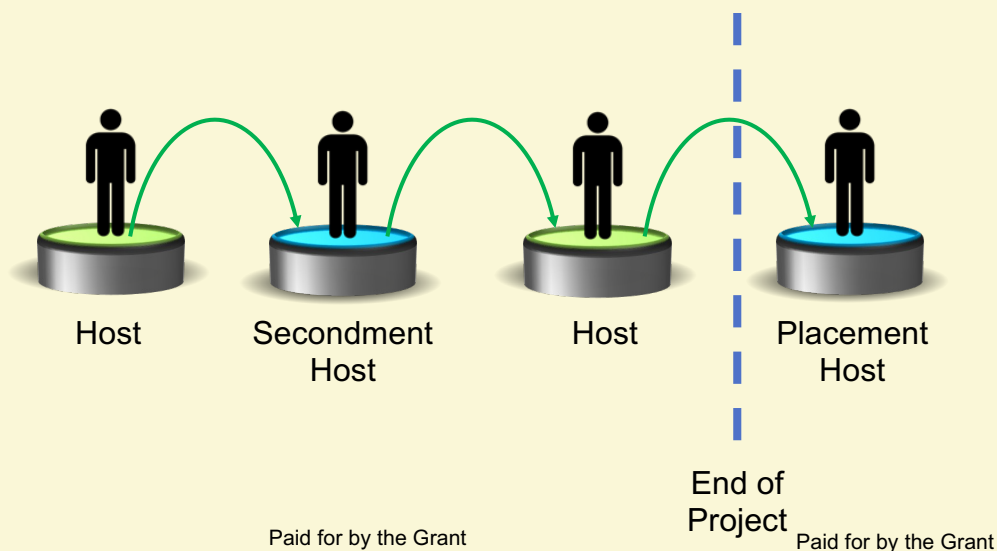What knowledge and skills are transferred to you by the host

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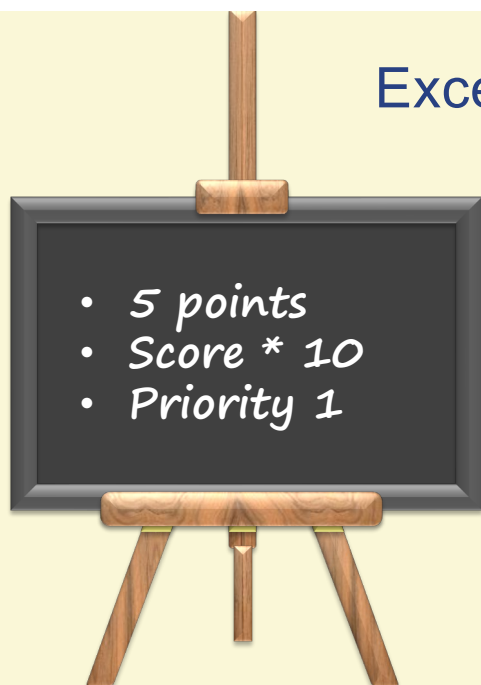# Rationale of Placement

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Fellowship with secondment and placement

| Host | Secondment Host | Host | Placement Host |

Paid for by the Grant   End of Project   Paid for by the Grant

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Excellence Criteria

- *5 points*
- *Score * 10*
- *Priority 1*

1.1 Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)

1.2 Soundness of the proposed methodology (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)

1.3 Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host

1.4 Quality and appropriateness of the researcher's professional experience, competences and skill

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Your Experience, Competences and Skills

Quality and appropriateness of the researcher's professional experience, competences and skills
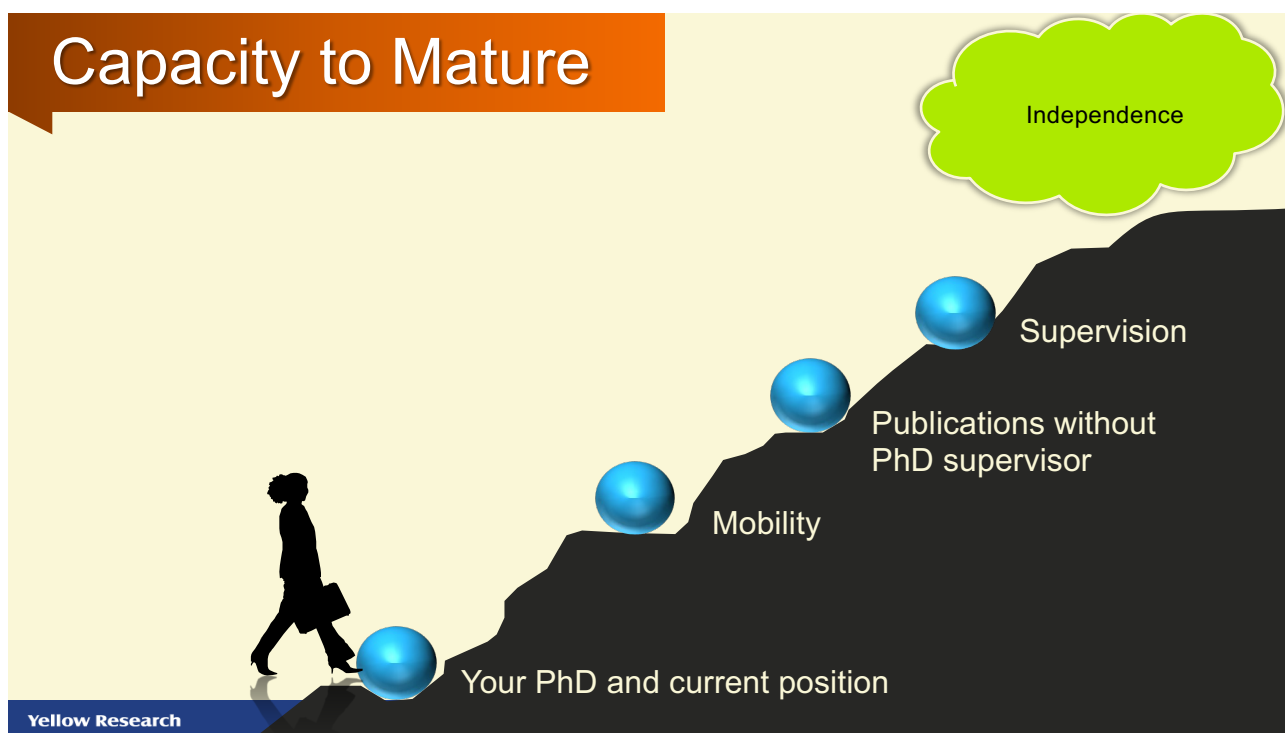
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Why You?

- Four Lines to describe
  - What your next career position will look like

- Ten to fifteen Lines to describe
  - your current expertise (with regard to the topic)
  - your current capacity (methods etc – match with CV)

- Ten Lines to conclude:
  - How the gained expertise and capacity will get you to your goal *(and therefore overcome any gaps you may possibly have in your CV)*

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| | | B4 – CV | 5 pages |

PART 2 — Quality and appropriateness of the researcher's professional experience, competences and skills

2.1 **Standard academic record:**   … pages
- Name
- Professional experience
- Education .
- Other relevant information: career gaps / unconventional paths

2.2 **Standard research record:**   …. pages
- Publications / monographs / chapters
- Patents
- Invited presentations
- Research expeditions
- Organisation of international conferences
- Examples of leadership in industrial innovation
- Prizes and awards
- Funding received so far
- Supervising, mentoring activities

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Capacity to Mature

Independence

Supervision

Publications without PhD supervisor

Mobility

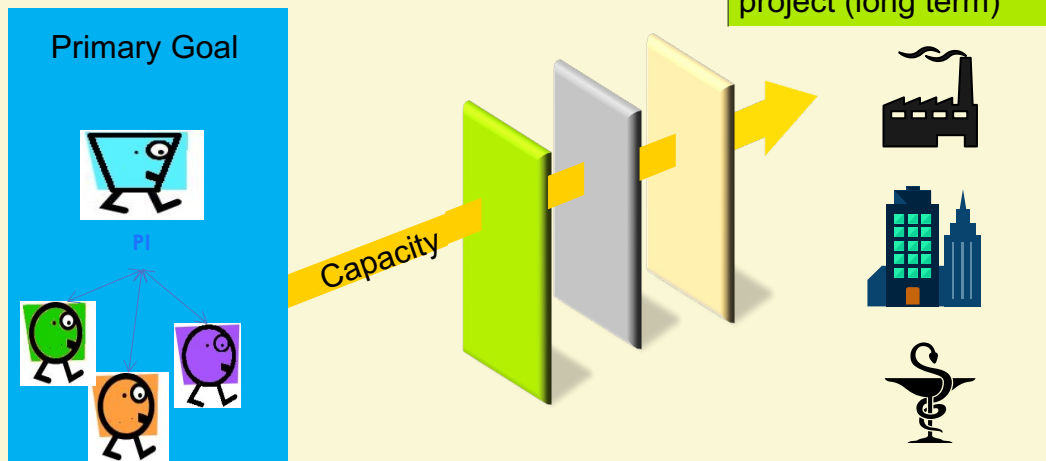Your PhD and current position

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Impact

Impact Criteria

- 5 points
- Score * 6
- Priority 2

2.1 Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development

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

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

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To be more successful
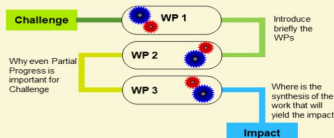in your long-term career

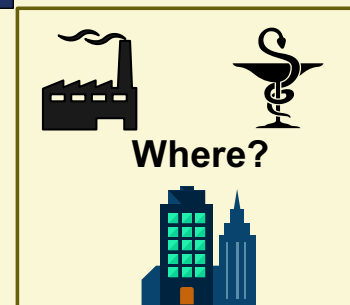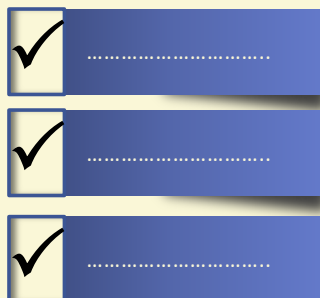Broader career options after the project (long term)

Primary Goal

PI

Capacity

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New Skills for future career opportunities?
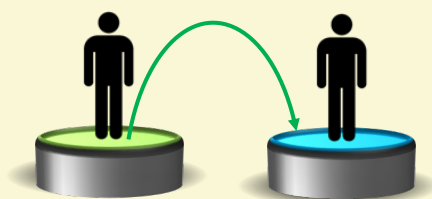
Scientific

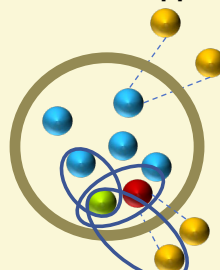**Transferable**

Where?

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Also consider skill development through…..

Moving to New Environment

- Interdisciplinary experience
- Cutting edge intellectual / technical environment

New Collaboration Opportunities

- With the top scientists in host group and Secondment group
- Extended network through exposure to network of the supervisor

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Impact Criteria

- 5 points
- Score * 6
- Priority 2

2.1 Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development

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

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

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Targeting

Dissemination
Those pushing for new understanding

Exploitation
Those using results for new endeavours

Communication
Those who will benefit to know

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Targeting

Dissemination
Those pushing for new understanding

Advances Knowledge Base

During and after the project

Exploitation
Those using results for new endeavours

Enables uptake and use

During and after the project

Communication
Those who will benefit to know

Promotes - Informs

During the project

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Suitability of measures to
Maximise expected outcomes and impacts
as set out in dissemination and exploitation plans

Reaching your
targeted audience
is not enough

Maximise impact

Why & How will chosen strategy
maximise impact = Communication

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Broad Audience

High Effort

Suitability

Appropriateness
of the strategy
in relation to the
audience

Low Effort

Focused Audience

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Dissemination, pushing for new understanding

Exploitation, focussing on uptake and use

National Governments/ International Policy makers

Policy advisors

Local Government

Academic Communities

Which Results For Whom

Financial Institutions

NGOs / SIGs (social innovations global)

Corporations and business

Business Owners / Workers

Include Communication

Include Communication

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Dissemination   Exploitation

Communication

- Who needs to know that this project exists ?
  - ❑ Your colleagues (knowledge users and up takers)
  - ❑ Laypersons
  - ❖ Anybody in between those groups

Be specific, public in general is too broad, kids is too general

- How will you reach, communicate with, these audiences?
  - What are the strategies (channels) per targeted audience

- What makes this a high quality strategy?
  - Why is this the right strategy
  - Provide a concrete planning in the Gantt chart, if a Gantt chart is requested

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Suitability: appropriate channel
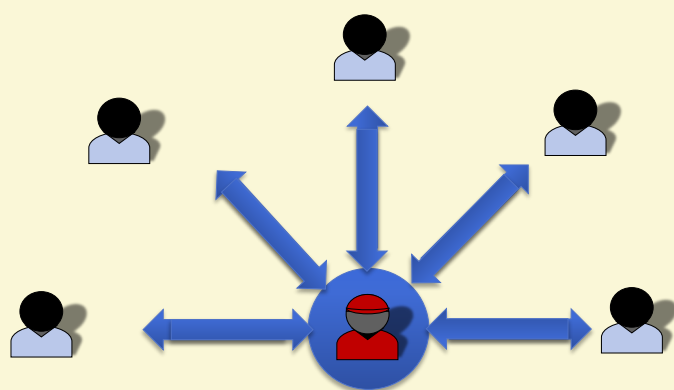
1 – Way Channels
- *Publications*
- *Twitter, Youtube*
- *Brochures*
- *News paper articles*
- *Broadcasts*

2 – Way Channels
- *Conferences, Workshops,*
- *Training*
- *Research night,*
- *school visits……….*

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Dissemination, including communication

1	Create an overview of the scientific outcomes
2	*Why* important for *whom*
3	Is the circle of potential audiences enlarged
4	*How* will potential audiences be reached

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*Public Engagement,
including communication*
(a paragraph)

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Public Engagement – where to address

Option 1: As part of your dissemination and exploitation strategy

Option 2: Separate item, at the end of paragraph 2.3

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Which forum will amplify the work best?

- Who needs to be informed?
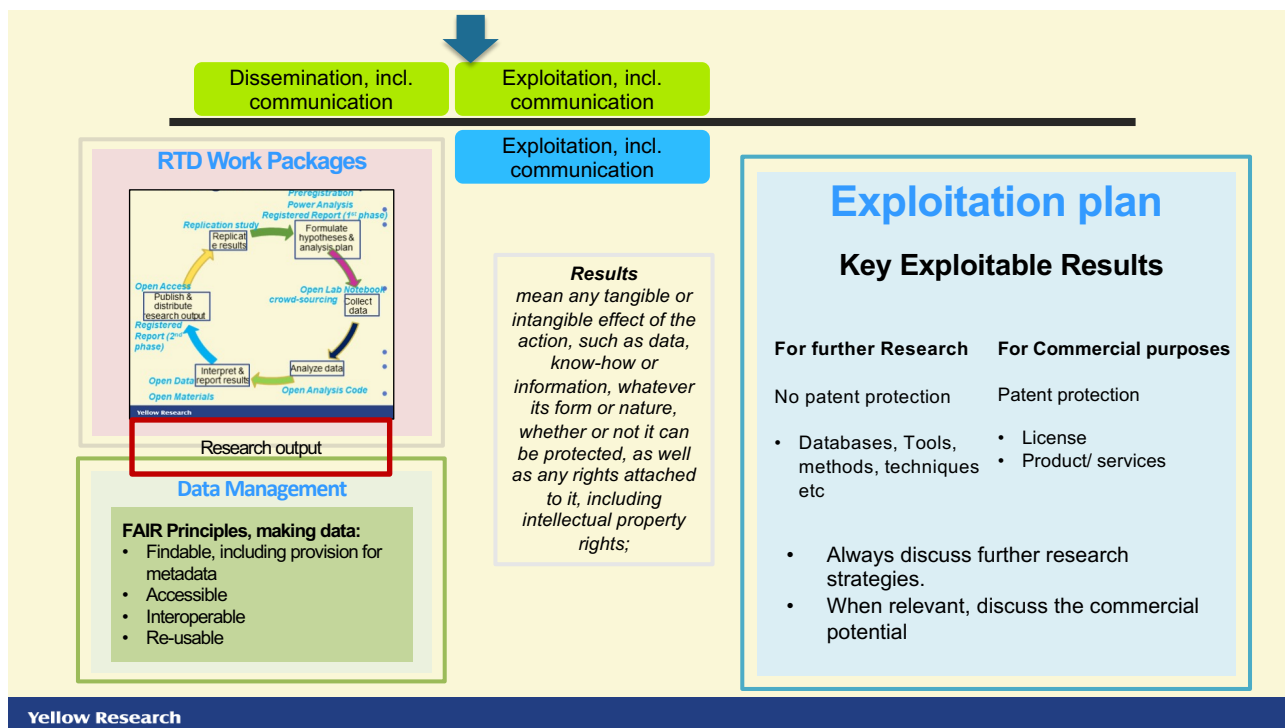
- Which forum reaches these audiences best?

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Exploitation,
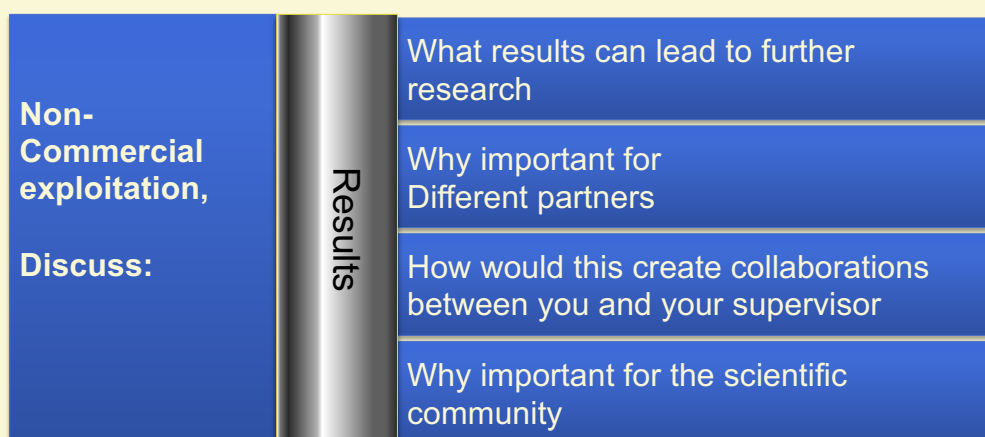# *including communication*
(a paragraph)

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RTD Work Packages

*Preregistration
Power Analysis
Registered Report (1st phase)*

Replication study
Replicate results
Formulate hypotheses & analysis plan

Open Access
Publish & distribute research output
Registered Report (2nd phase)

Open Lab Notebook
crowd-sourcing
Collect data

Interpret & report results
Analyze data

Open Data
Open Materials
Open Analysis Code

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Research output

Data Management

FAIR Principles, making data:
- Findable, including provision for metadata
- Accessible
- Interoperable
- Re-usable

Dissemination, incl. communication

Exploitation, incl. communication

Exploitation, incl. communication

Results
mean any tangible or intangible effect of the action, such as data, know-how or information, whatever its form or nature, whether or not it can be protected, as well as any rights attached to it, including intellectual property rights;

Exploitation plan

Key Exploitable Results

For further Research

No patent protection

- Databases, Tools, methods, techniques etc

For Commercial purposes

Patent protection

- License
- Product/ services

- Always discuss further research strategies.
- When relevant, discuss the commercial potential

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Non-Commercial

Exploitation, incl. communication

Non-Commercial exploitation,

Discuss:

Results

What results can lead to further research

Why important for Different partners

How would this create collaborations between you and your supervisor

Why important for the scientific community

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Commercial

Exploitation, incl. communication

Commercial exploitation,

Discuss:

Results

What has potential commercial value?

What is the exploitation path (patent?)

Who will help (non-ac partners /TTO's)?

Is the sectoral secondment related?

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Tools

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Action Plan: Who, Why, How and When

Target Audiences, Maximised	Suitability Objectives	Suitable Channel	*Quality of the measure: How, be specific*
Academics: -Communities? - PhD students, ...	State-of-the-art Action-Using	Peer reviewed: - Multidisciplinary journals - Specific journals	Journals of: .... Conferences as: ....
Industry	State-of-the-art Applied use	Multi-discipl. journals / satelite conference?	Like which
Policy makers: - Regional - National - European	Awareness; Interest; Decision; Action-using	- Policy brief - Invitations to round table sessions	Why is it likely that you can reach this group? What kind of experience do the consortium members have?
Public - School kids - Lay persons	Reaching out	- Youtube - Press release - Journals for kids	Through press releases we will target teacher organisations like........
Specific audiences - Patients	Awareness, Information transfer	Newletter of patient organisation	Patient organisation XYZ with x-thousand members

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Exploitation pathways per result

Key Exploitation Results	Targeted Users (users, buyers, policy-makers....)	Exploitation strategy: Free, Open, (non) or (co-) exclusive	Further Research Strategy	Time to market or TRL	Next steps and Involvement of value chain
Measurements on.......	Who cares?				
Product / technology		Commercial value vs Research value			
Standard		Who will use? Host, Secondment Host, placement partner or other? Are the IP rights clear			Who will pay development costs?
Platform					

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Intellectual Property Rights
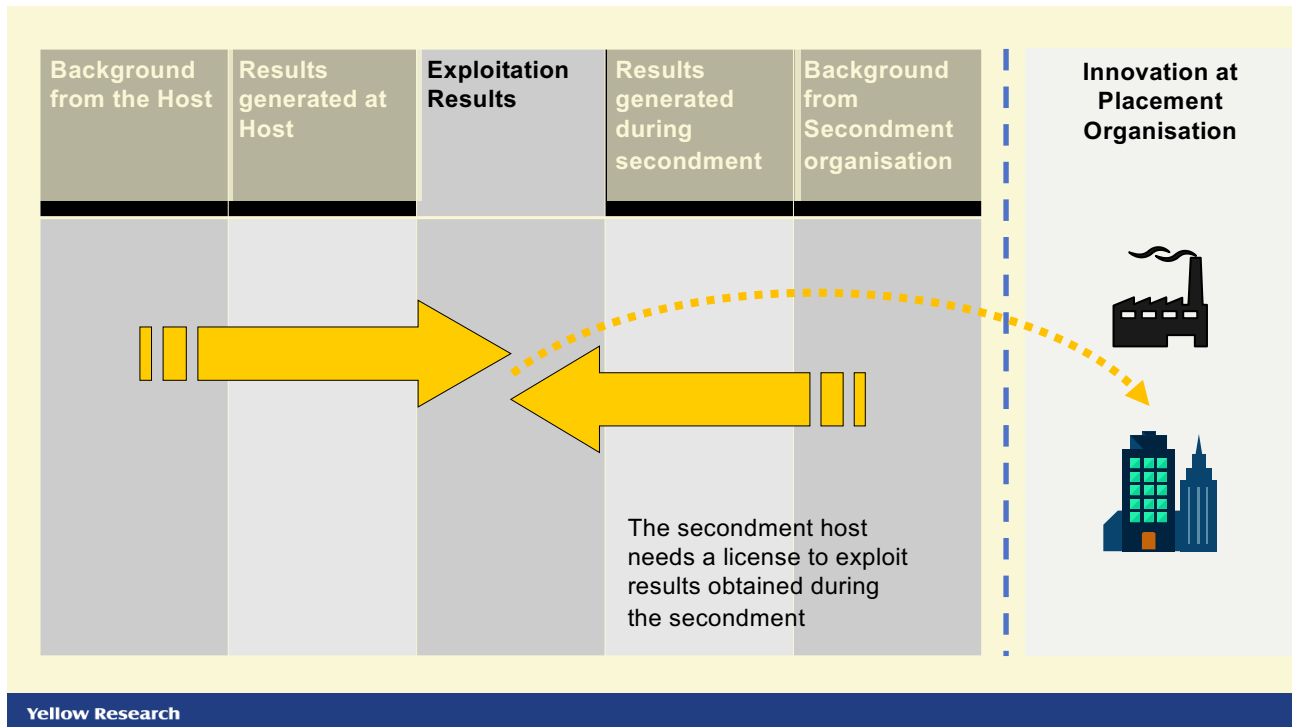**(a paragraph)**

GA - Ownership

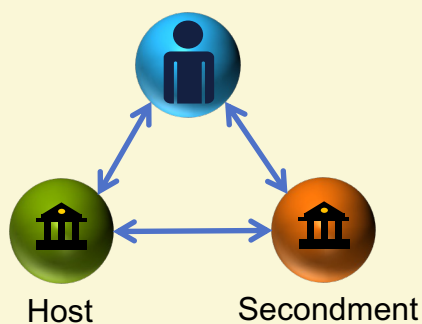### The Beneficiary is the owner of all Results generated by the fellow

Beneficiary	Secondment Host
Beneficiary is the owner of all Results generated by the fellow	Beneficiary is the owner of all Results generated by the fellow

Discuss in the proposal:
- The principle set out above
- How the Secondment host will receive access to the Results

| Background from the Host | Results generated at Host | **Exploitation Results** | Results generated during secondment | Background from Secondment organisation | | **Innovation at Placement Organisation** |

The secondment host needs a license to exploit results obtained during the secondment

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Be specific of Potential Interests for

Host   Secondment

- Research interest
- Commercial interest
- Collaboration interests

Access to be provided based on bilateral agreement

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Impact Criteria

- 5 points
- Score * 6
- Priority 2

2.1   Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development

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

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

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Scale and Significance of predicted impact

Significance

Increased:
- Additional healty life years
- Effiency savings in energy supply

Results

Expected Impact

During Project duration   Beyond the Project duration

Size of Target group/ proportion of the that group that will benefit over time   Scale
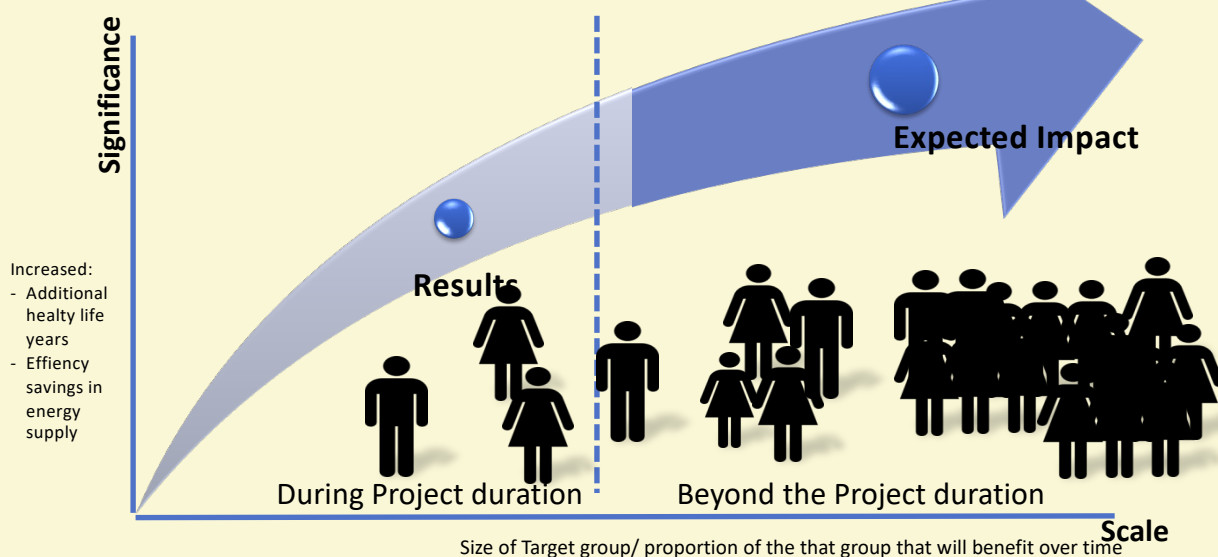
Narration !!!

Expected Results	Magnitude	Why important (scale)
Scientific *WP 1* *WP 2* *WP 3*	The extend to which scientific outcomes will influence the field	What is the trajectory towards incorporation in the curriculum
Societal *WP 1* *WP 2* *WP 3*	The extend to which healthy life span is increased in number of years	
Economic *WP 1* *WP 2* *WP 3*	The extend to it possible to come up with new drug	The push this will give to economic growth/job growth for a company (be careful your project is a 1-person project!)

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Implementation

Implementation Criteria

- *5 points*
- *Score * 4*
- *Priority 3*

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

3.2 Quality and capacity of the host institutions and participating organisations, including hosting arrangements

Ensure Objectives are achieved

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Quality, Efficiency and Effectiveness of the Implementation

Ensure Objectives are achieved   **Effectiveness**

Conduct the Work efficient   **Efficiency**

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3.1 Work plan: Gantt chart, timing of the different WPs

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP 1																								
Task 1.1																								
Task 1.2																								
WP 2																								
Task 2.1																								
Task 2.2																								
WP 3																								
Task 3.1																								
Task 3.2																								
Deliverable													D1											D2
Milestone									M1					M2										
Secondment																								
Conf./Workshop/Seminar			W	S				W	C		S				W	C				W		C		
Dissemination																								
Public engagement																								
Exploitation																								
Risks									I															
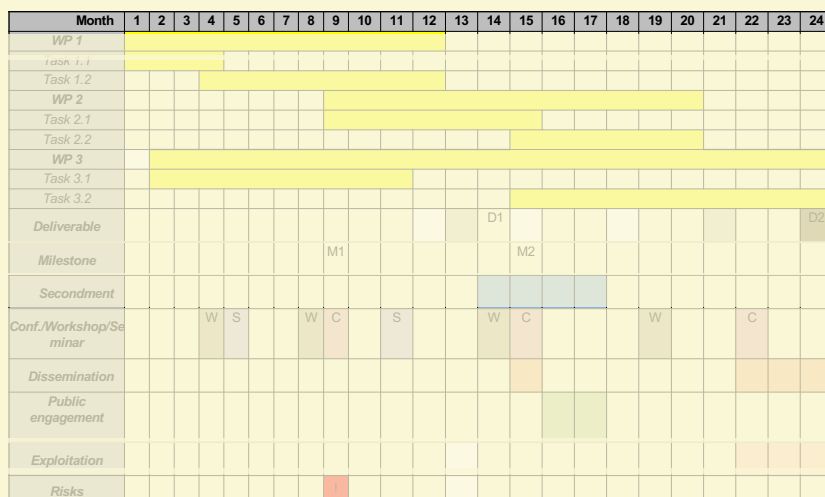
Brief presentation overall workplan

Including:
- Timing of the different WP and their components
- Secondment
- Deliverables
- Milestones
- Mechanisms in place for risk assessment
- Dissemination, Exploitation Public engagement

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Milestones

Milestone 1	Milestone 2	Milestone 3	Milestone 4
Demonstrates right direction	What is mid-way important	What is close to success	Integration, Big Picture

Is there **sufficient time** to conduct the work (tasks)
- Discuss potential problems and alternatives to achieve the intermediate milestones
- Is the training properly aligned with the work and milestones to be achieved

M1-6	M7-12	M 13-18	M 14-24

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Global fellowships

M 12

M24

M36

Integration:
1. Bachelor curriculum
2. Master curriculum
3. New research line

What knowledge needs to have been obtained in order to bring it back to host

1st: Stay Abroad - what must be clear
2nd What result is important for return

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Global fellowships

M 12

M24

M36

Sufficient time (person months) to:
1. Realize the goals of the Stay Abroad;
   - Any extra resources?
2. Realize the goals at the (return) Host
   - Any extra resources?

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Deliverable = Report

- Contractual obligation: Art 19 Model Grant Agreement

- Focus on reports and make clear what the report is about.

Deliverable = Report

- Scientific Reporting = progress of your WPs

- Mandatory Reporting:
  - Career Development Plan
  - Data management plan
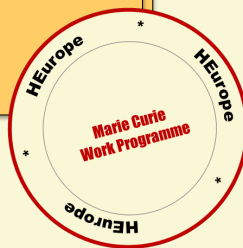
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Implementation Criteria

- *5 points*
- *Score * 4*
- *Priority 3*

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

3.2 Quality and capacity of the host institutions and participating organisations, including hosting arrangements

Ensure Objectives are achieved

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Quality and Capacity of the host institutions and participating organisations, including hosting arrangements
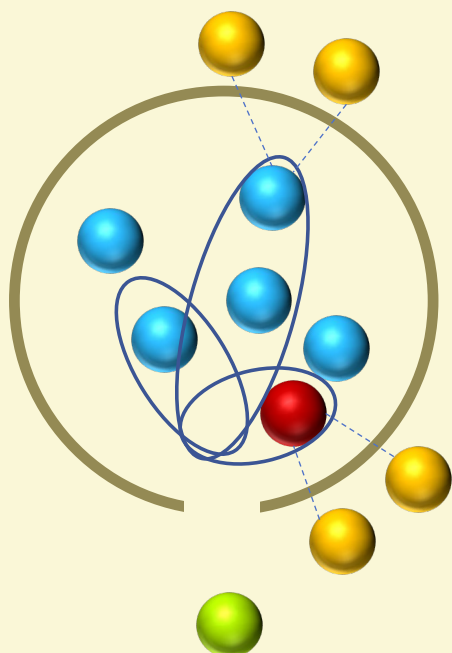
Hosting arrangements, including integration in the team

- What is the expertise of the group as such and how does the fellow's expertise complements, expands the group's expertise?
- What logical collaborations would there be with the other group members? What potential for co-publications will there be?
- How could the fellow's expertise be embedded in the curriculum of the students (bachelor to graduate level)
- What is the network of the PI and how could the fellow benefit from this network, contribute to the network, expand the network

Other Hosting arrangements,
including support services available to the researcher.

- Settling into your host country:
  - Finding housing,
  - Setting up a local bank account,
  - health insurance arrangement
  - etc.

Single sentence statements ☺

If not addressed already somewhere else, consider also

- Financial management services
  - Who in the host will support the financial management? Do they
  - have experience with MSCA-IF in the past?

- Technology transfer office
  - Who will support you with any exploitation aspects relating to
  - your project outputs?

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Template, second bullet instruction:

- Quality and capacity of the participating organisations, including infrastructure, logistics and facilities should be outlined in Part B-2 Section 5 ("Capacity of the Participating Organisations")

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CV

Marie Curie: Holograph Notebook', Wellcome Library, London. Page from notebook.27 May 1899 – 4 December 1902 containing notes of experiments, etc. on radio-active substances. Copyrighted work available under Creative Commons by-nc 2.0 UK

MSCA PD 2021

B4: CV RESEARCHER
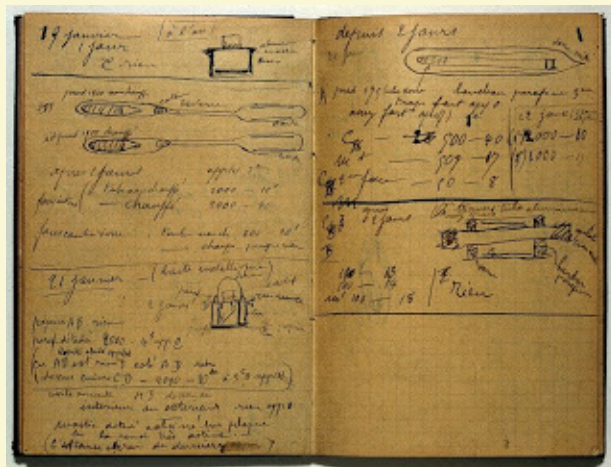
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PART 2		B4 – CV	5 pages

2.1 **Standard academic record:**   … pages
- Name
- Professional experience
- Education .
- Other relevant information: career gaps / unconventional paths

2.2 **Standard research record:**   …. pages
- Publications / monographs / chapters
- Patents
- Invited presentations
- Research expeditions
- Organisation of international conferences
- Examples of leadership in industrial innovation
- Prizes and awards
- Funding received so far
- Supervising, mentoring activities

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Biosketch – Scientific autobiography

PROFILE / BIOSKETCH

Discuss your **capacity** to successfully execute the project

1
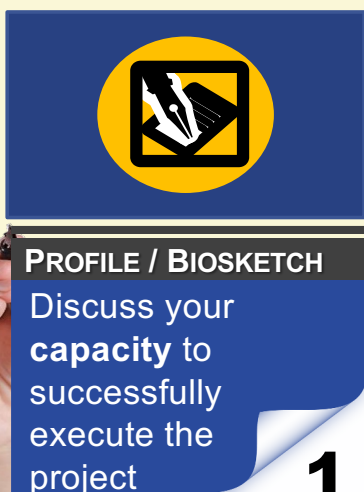
Yellow

Present as a narrative
- What has your individual growth trajectory been in terms of:
  - Knowledge,
  - Skills **and**
  - Experience
- Explain any research gaps and/or unconventional paths

Biosketch – Examples

Example – to close to the facts:

I studied Computer Science at the University of …., and then obtained an M.Sc. and a Ph.D. in Computer Science at the University of Toronto, Canada, under the supervision of ……. Then I received an …. postdoctoral fellowship first at …..in France, then at the University of Catalonia (Spain) and finally at …… in, Germany.

Example – Providing insight in PI's capacity

I have a double degree in engineering and physics. Ever since I completed my thesis at …. in France, I've been studying physics and nanometric magnetic oscillators. In 2009, researchers from the United States made electronic devices that imitate some functions of the biological synapses. This work has fascinated me, and pushed me to present innovating concepts to make faster and more performant artificial nanometric synapses. With the help of an ERC Starting Grant, I was able to follow through this project and make these nano-devices, thus giving new leads for brain-inspired electronics. I had the chance to collaborate with researchers in neurosciences, informatics, electronics and physics, which gave me the interdisciplinary virus.

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Research Record

Publications – Highlight
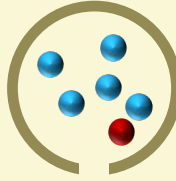
1 Specify your Contribution
- o Help the reviewer understand your personal contribution in the *collective work*

2 Your role:
- o Authorship position: main / single / corresponding / last author
- o Papers without your PhD supervisor as co-author

3 International recognition - bibliometrics:
- o Citations without self-citations /
- o Impact Factor or journal ranking
- o cover page / (invited) reviews / editorials / highlighted in other journals / downloads / Faculty of 1000 list (LS)...
- o SSH: publisher, translations, book prizes, best reviews (In humanities also pay attention to the number of pages)

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Capacity Participating Organisations

And, it all begins with an idea…

Thank you

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