

Session 91: Young EAAP session



Firenze, 4th September 2024, 14.00 - 18.00

Ines Adriaens, Jana Obšteter, Giulia Gislón



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Young EAAP



- 38 or younger OR within 10y after PhD
- facilitation of open dialogues, international collaboration and exchange opportunities for young researchers
- @ EAAP annual meeting:
 - organisation of session of interest for ECR
 - social activities & networking

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Young EAAP @ EAAP 2024



- YoungEAAP coffee corner
- evening walk: Tuesday, 3rd September
- session 91: Wednesday, 4th September
 - project writing (14.00 - 16.30)
 - speed dating (17.00 - 18.00)

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Today's programme



- 14:00-14:10: about YoungE AAP
- 14:10-15:00: interactive part I: informal 'get-to-know-each other'
- 15:00-16:00: sharing experiences by invited speakers
- 16:00-16:20: wrap up and Q&A with everyone together
- *16:20-16:45: break*
- 16:45-18:00: speed dating

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Session 91: Young EAAP session



interactive part I:
informal 'get -to -know -each other '

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Game 1 – stand in line!



1. Favourite animal
(*ex aequo* : (imaginative) pet name)
2. Length of your right pinky finger
(*ex aequo* : shoe size?)
3. Travel distance to work
(*ex aequo* : which floor is your desk?)
4. Number of proposals contributed to
(*ex aequo* : success rate / budget)

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Game 2



0. Go stand in circle with your own group
1. First person starts, says:
 - First name ("Ines")
 - Characteristic with first name's first letter ("innocent")
+ gesture it!
 - Main species you work with
2. Point to next person
3. Next person repeats previous person's information/mimic + own
e.g. "Giggly Giulia" - gesture - dairy cows + points
4. Repeat until everyone has participated!

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Discussion topics



1. What are the key components of a strong proposal ?
2. How can you conceive a strong idea ?
3. What can you do to maximize efficiency in writing
4. How to use Generative AI in proposal writing –share your experiences , do's and don'ts
5. How can you deal with dissatisfaction if a proposal is not granted ?
6. How can you balance “layman term writing ” vs. showcasing your expertise?
7. How can you find the right project calls/ funding opportunities for your proposal ?
8. How to compose a good consortium, what are you looking for ?
9. How to estimate timeline and budget for a proposal ?
10. What kind of support could you get inside /outside your institute ?

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Session 91: Young EAAP session



part II: invited speakers

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Xiaoxia Dai

University of Milan



- MSCA Global Postdoc Research Fellow (2022)
- experience with ERC application
- invaluable insights into ideation, funding source identification, and navigating the competitive landscape of research grants

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75th EAAP, Florence, Italy

Grant Writing Workshop EAAP Young

XIAOXIA DAI

04-09-2024



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Outlines

1. Identifying the Right Fellowship/Grant Opportunities

2. Fellowships/Grants for Early-Stage Researchers

3. Conception ideas

4. Guide to Preparing a Fellowship Application

5. Tips of MSCA applications



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Identifying the Right Fellowship/Grant Opportunities

- Professional Societies and Associations, like the Research Office
- Funding database:
 - GrantForward
 - Research Professional
 - PIVOT
- Social Media and Academic Networks, Platforms like LinkedIn, Twitter and ResearchGate
- Institutional/Conference Workshops and Seminars



Fellowships/Grants for Early-Stage Researchers

MSCA Postdoctoral Fellowships Overview

(Eligibility: Up to 8 years post-PhD, with no residency >12 months in the past 3 years)

1. European Postdoctoral Fellowships

- **Eligibility:** Researchers of any nationality.
- **Location:**
 - For researchers moving within Europe or coming from outside Europe.
 - Conducted in an EU Member State or Horizon Europe Associated Country.
- **Duration:** 1 to 2 years.

2. Global Postdoctoral Fellowships

- **Eligibility:**
 - Nationals or long-term residents of EU Member States or Horizon Europe Associated Countries.
- **Location:**
 - Initial phase in a non-associated Third Country (outside Europe).
 - Includes a mandatory 1-year return phase in Europe.
- **Duration:**
 - 2 to 3 years total.
 - 1 to 2 years abroad, followed by 1 year in Europe.



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Fellowships/Grants for Early-Stage Researchers

ERC starting grant Overview:

Eligibility:

- Open to researchers of any nationality with **2-7 years post-PhD** experience.
- Requires a **strong scientific track record** and an **excellent research proposal**.

Research Fields:

- Applications accepted in **any research field**.
- **Bottom-up approach** with no predetermined priorities.

Host Institution (HI):

- Research must be conducted at a **public or private research organization** in an **EU Member State or associated country**.

Funding:

- Grants up to **€1.5 million** over **5 years**
- Additional **€1 million** available for Start-up costs



Fellowships/Grants for Early-Stage Researchers

- **ERA Fellowships:** host organizations located in Widening Countries: 14 EU countries and

- **MSCA Seal of Excellence:**

- **Award Criteria:**

- Given to MSCA Postdoctoral Fellow the assessment.

- **Support Schemes:**

- In 2024, **16 EU countries** have supported recipients.

- EMBO Postdoctoral Fellowships

Bulgaria
Croatia
Cyprus
Czech Republ
Estonia
Greece
Hungary
Latvia
Lithuania
Malta
Poland
Portugal
Romania
Slovakia
Slovenia

List of Associated Countries* eligible for hosting a Widening coordinator is:

Albania
Armenia
Bosnia and Herzegovina
Faroe Islands
Georgia
Kosovo**
Moldova
Montenegro
Morocco
North Macedonia
Serbia
Tunisia
Turkey
Ukraine



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Fellowships/Grants for Early-Stage Researchers

- **Italy:**

- FIS (Fondo Italiano per la Scienza)
- FISA (FONDO ITALIANO PER LE SCIENZE APPLICATE)
- Avviso Young Researchers

- **UK:**

- BBSRC Fellowships scheme
- **Sir Henry Dale Fellowships** (Welcome Trust)
- NERC Independent Research Fellowship

- **Germany:**

- Humboldt Research Fellowship
- DAAD Scholarships and Research Grants

- **Switzerland:**

- **SNSF Swiss Postdoctoral Fellowships**



Conception the ideas



- **Definition:** The process of generating innovative, relevant, and feasible research ideas that form the basis of a grant proposal.
- **Importance:** A strong, original idea is crucial for securing funding and advancing your research.
- **Key Steps in Idea Generation:**
 - ✓ **Literature Review:** Identify gaps and opportunities by exploring current research.
 - ✓ **Brainstorming:** Utilize individual and group brainstorming to generate diverse ideas.
 - ✓ **Focus on Impact:** Align your idea with real-world problems and societal needs.
 - ✓ **Resource Consideration:** Leverage available data, expertise, and infrastructure.



Guide to Preparing a Fellowship Application - MSCA PF as an example

- **6 steps to prepare your application**

1. Get familiar with how funding works
2. Make sure you can apply
3. Find a host organisation and supervisor
4. Start drafting your application
5. Check your application with the experts
6. Send your application



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Proposal Structure

- **1. Excellence**
- **1.1 Quality and pertinence of the research and innovation objectives**
 - Ambition and novelty beyond the state of the art.
- **1.2 Soundness of the proposed methodology**
 - Includes interdisciplinary approaches, gender dimension, and open science practices.
- **1.3 Quality of supervision, training, and knowledge transfer**
 - Two-way transfer between researcher and host.
- **1.4 Researcher's professional experience and skills**
 - Appropriateness and relevance to the project.



Evaluation criteria



- **Criterion 1 – Excellence (50% Weight)**
 - **Quality and credibility of the research/innovation project**
 - Level of novelty
 - Appropriate consideration of interdisciplinary/multidisciplinary aspects
 - Consideration of gender aspects
 - **Quality and appropriateness of the training**
 - Two-way transfer of knowledge between the researcher and the host
 - **Quality of the supervision**
 - Integration in the team/institution
 - **Potential of the researcher**
 - Ability to reach or reinforce professional maturity/independence during the fellowship



Proposal Structure

- **2. Impact**
- **2.1 Enhancing career perspectives and employability**
 - Credibility of measures for skills development.
- **2.2 Maximizing outcomes and impacts**
 - Quality of the dissemination, exploitation plan, and communication activities.
- **2.3 Contribution to expected impacts**
 - Magnitude and importance of scientific, societal, and economic impacts.



Evaluation criteria

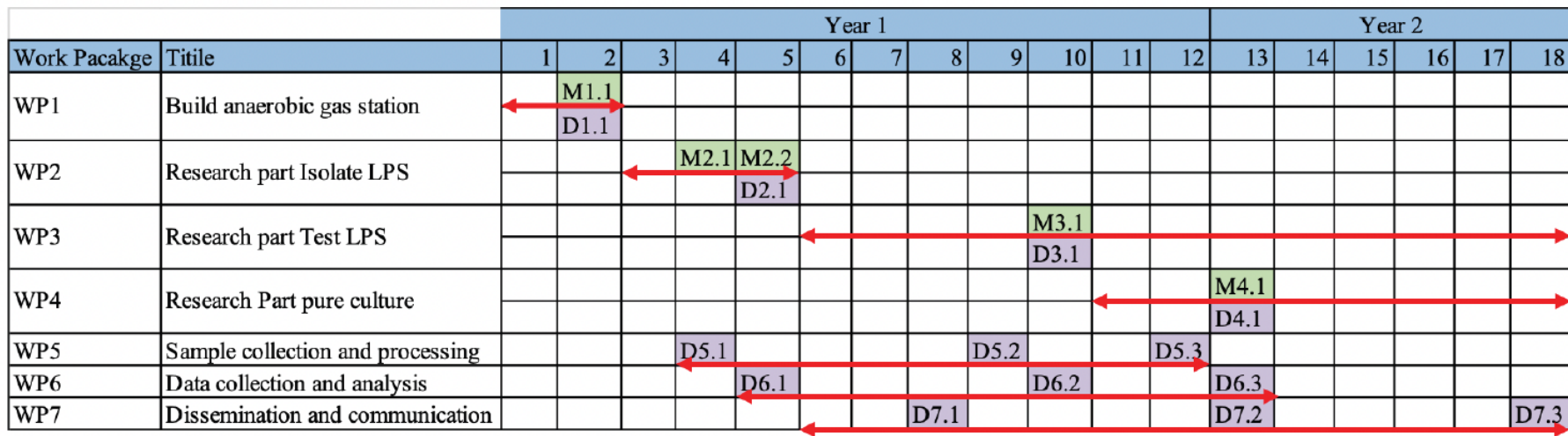
Impact

- **Criterion 2 – Impact (Weight: 30%)**
 - Enhancing the future career prospects of the researcher after the fellowship
 - **Quality of the proposed measures:**
 - To exploit and disseminate the project results
 - **Quality of the proposed measures:**
 - To communicate the project activities to different target audiences



Proposal Structure

Table 1 Gantt chart



Legend: Milestone
Deliverable
WP performing time



Evaluation criteria



- **Criterion 3 – Implementation (Weight: 20%)**
 - **Coherence and effectiveness of the work plan:**
 - Appropriateness of the allocation of tasks and resources
 - **Appropriateness of the management structure and procedures:**
 - Including risk management
 - **Appropriateness of the institutional environment:**
 - Infrastructure



Tips for MSCA application

- **1. Focus on the Proposal**

- ✓ Emphasise Novelty
- ✓ Interdisciplinary Approach
- ✓ Feasibility

- **2. Prepare an Abstract**

- **3. Select the Right Host Institute**

- ✓ Coordinator Fit
- ✓ Research Facilities

- **4. Seek Expert Feedback**

- ✓ Area-Specific Experts
- ✓ Cross-Disciplinary Experts
- ✓ Host Institute's Research Office

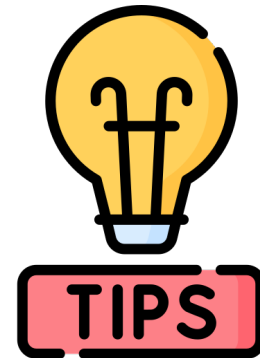
- **5. Ask for successful proposals as learning examples**

- **6. Preliminary data**

- **7. The right panel is important**



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Ensure Consistent Structure!

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Part B-1 (10 pages limits)

1. Excellence

1.1 Introduction

1.2 Methodology

1.3. Two-way transfer of knowledge

1.4. Supervision and of the integration in the team/institution

1.5 Potential of the research to re-enforce professional maturity/independence during the fellowship.

2. Impact

2.1. Impacts on the future career

2.2. Exploit and disseminate the project results

3. Implication

3.1 Coherence and effectiveness of the work plan

3.2 Management structure, procedures, and risk management

3.3 Institutional environment

Part B – 2 (CV)

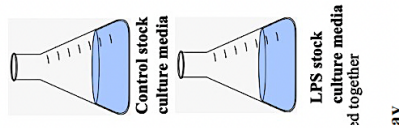
Ensure Consistent Structure!

Abstract:

Subacute ruminal acidosis (SARA) is a well-recognized digestive disorder of high yielding dairy cows that has a negative impact on both animal health and herd profitability. It is associated with increased ruminal lipopolysaccharide (LPS), and LPS has been reported to participate in the pathogenesis of SARA. LPS from *E. coli* (LPS-E) has been used to study its effects on the SARA pathogenesis. Our preliminary data showed that LPS-E participates in the pathogenesis of SARA by directly increasing the starch-digesting and lactate-producing ruminal bacteria and the genes involved in the LPS biosynthesis process. However, we do not know if LPS-E would be representative of LPS from ruminal bacteria (LPS-R), and thus we do not know how LPS released from SARA cows participate in the pathogenesis of SARA. Therefore, the objectives of this proposal are to 1) isolate LPS from the rumen bacteria by inducing SARA nutritional model in batch culture (WP1, 2, 5, 6 & 7); 2) and compare the effects of LPS-R with the LPS-E on ruminal fermentation, bacterial community composition (BCC), and function by using 16S rRNA sequencing and RNA sequencing in batch culture to elucidate the roles of LPS on the pathogenesis of SARA (WP1, 3, 4, 5, 6 & 7). We hypothesize that 1) LPS from ruminal bacteria could be collected from culture media through inducing SARA nutritional model in batch culture; 2) LPS-R and LPS-E will have different effects on ruminal fermentation, BCC, and functions, but both of the two LPS sources would stimulate the bacteria and genes involved in starch digestion, lactic acid production, and LPS biosynthesis. We expect that our proposal could 1) fulfill the gap of knowledge of the role of LPS on the SARA pathogenesis; 2) provide the direction for industries to develop the products (e.g. clay) could inactivate LPS in the rumen; 3) help European dairy industries save at least 994.4 million euros per year due to lower SARA prevalence.

1.2.1 WP1. Anaerobic gas station (from month 1 to month 2)

Agriculture Engineering Area of Department of Agriculture and Environmental Science Production, Territory, Agroenergy (DiSAA) of University of Milan (UMIL) will assist in the construction of the anaerobic gas station. We will follow the protocol (P2-15; <https://hackmannlab.org/lab-manual/>) from Dr. Timothy Hackmann of the Department of Animal Science at the University of California, Davis.



P2. Batch culture to isolate ruminal LPS (from

3.1 Coherence and effectiveness of the work plan

The working plan of the current research proposal could be seen from the Gantt chart. The period time from **month 1 to month 2** will be used to build an anaerobic gas station (WP1). Agriculture Engineering of DiSAA will be involved for the construction of the anaerobic gas station with the supervision of Dr. Dai and two graduate students.

WP1 will result in:

- milestone (M1.1): finish building anaerobic gas station
- deliverable (D1.1): build anaerobic gas station to be used for WP2, WP3 and WP4.



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Thank You



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David R. Yáñez-Ruiz

Spanish Research Council



- leads a research group on ruminant nutritional strategies
- involved in many EU projects (Pathways, HoloRuminant, StepUP, FutureFoods, Integrity)
- coordinates the Horizon Re-Livestock project

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Pathway to successful EU proposals



David Yáñez-Ruiz
CSIC, Granada, Spain
david.yanez@eez.csic.es

Pathway to successful EU proposals

- How to identify calls & join consortium?
- Proposal development

Attractive partner

Understanding language & structure

Different disciplines

Understanding evaluation process

Costs estimation

Ethics



SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on
defence research
& development*

Research
actions

Development
actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



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EUROPEAN INDUSTRIAL
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- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III
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European Innovation
Council

European innovation
ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint
Research
Center

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Get familiar with **EU research programs** structure, types of calls (individual, collaborative..), timelines, funding scheme, submission and evaluation process etc...

https://rea.ec.europa.eu/horizon-europe-how-apply_en#main-content



EN

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Horizon Europe - How to apply

Further advice for applicants

[Who should apply](#)

[Support for applicants](#)

[Common mistakes to avoid when applying](#)

[Gender in EU research](#)

[The responsible use of generative AI in research](#)

[Mission Soil: how to secure funding to protect soils](#)

[Webinar: How to find opportunities and submit a proposal](#)

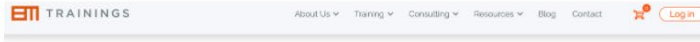
[Webinar: Lump Sum Funding in Horizon Europe - How does it work? How to write a proposal?](#)

[Horizon Europe reference documents](#)

[Funding and Tenders online manual](#)

[Marie Skłodowska-Curie Actions – How to apply](#)

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How to apply and get funding for you R&D&I projects ?(M5)

 To be defined with the team

 1.5 Day/ 11 Hours

 Online or in face-to-face

 Rated 4,7/5



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Proposal Writing for Horizon Europe - Pillar 2

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Annex 9

Horizon Europe

Work Programme 2021-2022

9. Food, Bioeconomy Natural Resources, Agriculture and Environment

DISCLAIMER

This draft has not been adopted or endorsed by the European Commission. Any views expressed are the preliminary views of the Commission services and may not in any circumstances be regarded as stating an official position of the Commission. The information transmitted is intended only for the Member State or entity to which it is addressed for discussions and may contain confidential and/or privileged material.

- **531 pages - 225 topics!!!!**
- **Motnhs prior calls launched**

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Draft call text

HORIZON-CL6-2021-CLIMATE-01-06: Resilient livestock farming systems under climate change

Specific conditions	
<i>Expected EU contribution per project</i>	The EU estimates that an EU contribution of around EUR 12.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 12.00 million.
<i>Type of Action</i>	Research and Innovation Actions

Expected Outcome: A successful proposal will contribute to the European Green Deal and international objectives to foster climate change mitigation and adaptation in agriculture. It will in particular support the Farm to Fork Strategy objective for a transition to a fair, healthy and resilient European agriculture. It will contribute to climate action on land and more specifically towards climate neutrality by reducing GHG emissions and enhancing natural carbon sinks: better understanding and mobilising the mitigation and adaptation potential of livestock farming and related sectors based on the sustainable management of natural resources.



Re-Livestock

RESILIENT FARMING SYSTEMS

Facilitating Innovations for Resilient Livestock Farming Systems



37 Partners



#	Role	Short Name	Legal Name	Country
1	COO	CSIC	Agencia Estatal Consejo Superior de Investigaciones Científicas	ES
2	BEN	WR	Stichting Wageningen Research	NL
3	BEN	UNIBO	Alma Mater Studiorum - Universita di Bologna	IT
4	BEN	UPV	Universitat Politecnica De Valencia	ES
5	BEN	WU	Wageningen University	NL
6	BEN	SLU	Sveriges Lantbruksuniversitet	SE
7	BEN	AU	Aarhus Universitet	DK
8	BEN	IAMZ-CIHEAM	Mediterranean Agronomic Institute of Zaragoza (ES). International Centre for Advanced Mediterranean Agronomic Studies	ES
9	BEN	UCD	University College Dublin, National University of Ireland, Dublin	IE
10	BEN	UNIPi	Universita di Pisa	IT
11	BEN	CONSULAI	Consulai, Consultoria Agroindustrial Lda	PT
12	BEN	MVARC	MVARC	PT
13	BEN	PIK	Potsdam-institut fur Klimafolgenforschung Ev	DE
14	BEN	AERES	Stichting Aeres Groep	NL
15	BEN	CRV BV	CRV BV	NL
16	BEN	ICOEL	Innovationscenter for Økologisk Landbrug P/S	DK
17	BEN	UEX	Universidad de Extremadura	ES
18	BEN	PULS	Uniwersytet Przyrodniczy W Poznaniu	PL
19	BEN	PCH	Pig Champ Pro Europa SL	ES
20	BEN	BOKU	Universitaet Fuer Bodenkultur Wien	AT
21	BEN	ANAS	Associazione Nazionale Allevatori It Suini	IT
22	BEN	PIC	Pig Improvement Company España, SA	ES
23	BEN	PROVACUNO	Organización Interprofesional Agroalimentaria De Carne De Vacuno- Provacuno	ES
24	BEN	AEANI	Asociación Española de Criadores de Ganado Vacuno Selecto de Raza Avilena Negra Ibérica	ES
25	BEN	IRIAF	Instituto Regional de Investigación Y Desarrollo Agroalimentario Y Forestal De Castilla-la Mancha	ES
26	AP	FIBL	Forschungsinstitut Fur Biologischen Landbau Stiftung	CH
27	AP	Agroscope	Eidgenoessisches Departement Fuer Wirtschaft, Bildung Und Forschung	CH
28	AP	AGRIFIRM	Agrifirm Group BV	NL
29	AP	Barenbrug	Barenbrug Holland BV	NL
30	AP	UQ	The University of Queensland	AU
31	AP	ABS	Agribusiness Service B.V.	NL
32	AP	DSM	DSM Nutritional Products Ltd	CH
33	AP	UREAD	The University of Reading	UK
34	AP	SRUC	SRUC	UK
35	AP	QUB	The Queen's University of Belfast	UK
36	AP	ORC	Progressive Farming Trust Ltd Lbg	UK
37	AP	PFLA	Pasture-fed Livestock Association	UK

Timeline: 'marathon race'

2021



January

June

October



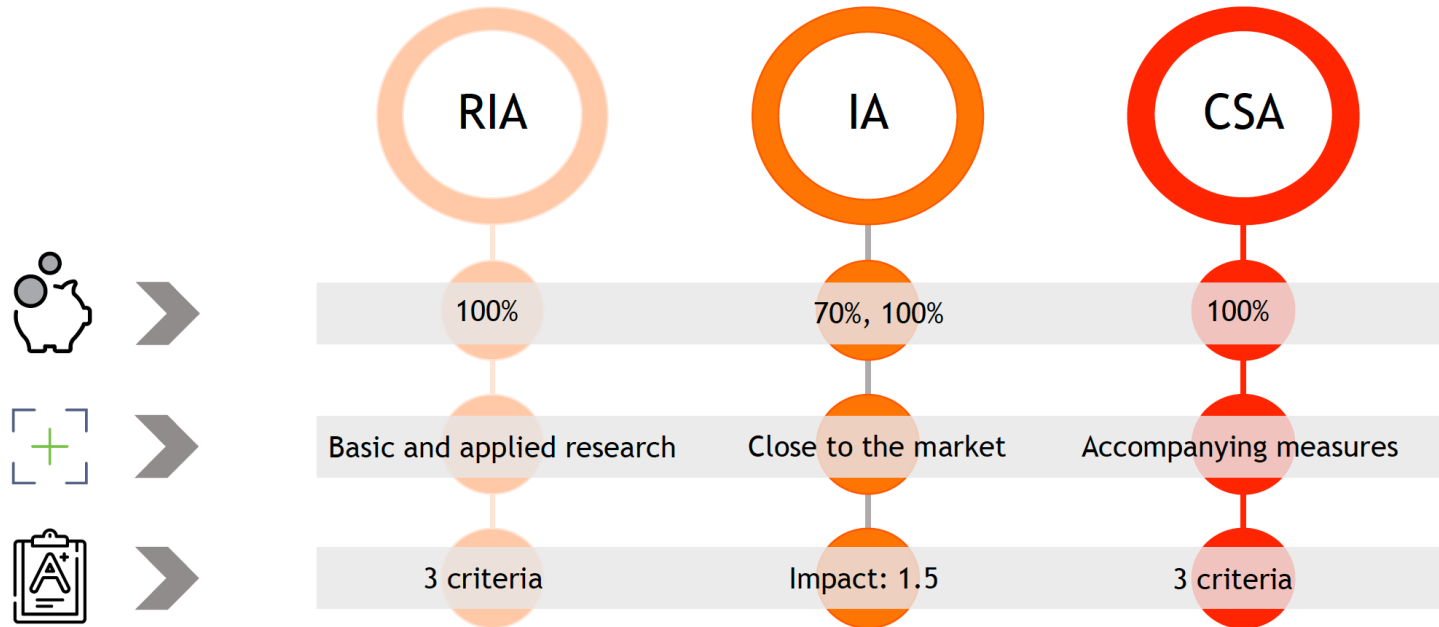
Draft call text
1st meetings

Call launched

Submission



Most common types of actions



Coordinator + core group

From strategic planning to submission

- Screen work programmes, **shortlist and prioritise** topics
- Try to estimate your **chances**
- Do a **background check** on the topic
- Shortlist **potential partners**
- Put together a **proposal abstract** / partner proposition
- Build your **consortium** / contact partners
- Develop and **submit** the proposal



What can I do to join a developing consortium?

Building a Consortium

Expand the consortium once the **project's scope** and **geographical coverage** are defined

- Consider a balanced **geographical** representation and **complementarity** between types of institutions and expertise
- Involve **SMEs/industry** to maximise impact and exploitation
- Consider involving partners with **EU project references**
- If “**one proposal**” is expected to be funded - BE QUICK!

Draft call text: finding myself in it!

The following outcomes are expected:

- Enhanced adoption by farmers and other relevant actors of innovations that increase the mitigation and adaptation capacity of livestock farming systems to climate change, at animal, population and farm level, therefore improving the resilience of production systems as well as animal health and welfare.
- Improved capacity to assess the environmental and socio-economic impact of mitigation and adaptation practices and options at different scales, alone and in combination.
- Consolidated transition towards a resilient livestock production with novel integrated approaches (in terms of management, breeding, feeding, local resources use, etc.) defined for different climate change scenarios

Draft call text: finding myself in it!

Scope

The proposals should investigate at different levels (animal, herd, farm and sector, region) and with a coherent approach, practices and innovations that enable a reduction of the net GHG emissions by terrestrial livestock, while striving to ensure farm viability and resilience of productions systems, including adaption to climate change, and taking into account the impact on the environment and biodiversity. Trade-offs within and between the different levels should be addressed. At animal level, the research should use systems biology to study interactions between host and environment (e.g. feed and microbes) and how this interplay affects the efficiency of feed utilisation (energy and proteins) and GHG emissions, not least methane. Proposals will define and investigate traits/phenotypes, and the potential of breeding, to reduce GHG animal emissions or/and adapt to climate change. At farm level, different husbandry practices should be addressed. At sector/regional level, a system approach should investigate how different actors can cooperate to improve the GHG balance of livestock production, optimising the use of resources, including feed (e.g. production and origin), improving circularity. In addition to biophysical research, the proposals should address the potential socio-economic impact of the proposed practices and innovations, and look at options to facilitate their uptake. Proposals should develop or refine related tools for a proper assessment of practices and proposed innovations. Proposals should take into account novel farming systems and future scenarios, different breeds, particularly local breeds, various management approaches, climatic conditions and regional specificities. Proposals should address at least cattle and pigs and may address any other relevant species.

Building the consortium: how can I propose myself?

- CSIC
- University Reading
- FIBL
- Wageningen Research



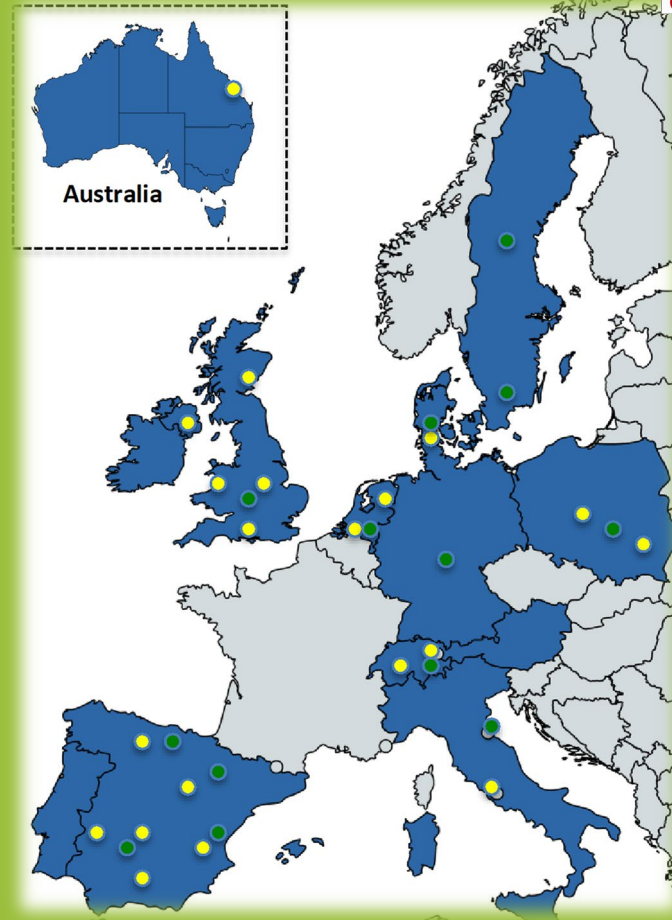
Criteria for selecting new partners

- Keywords call text
- Previous collaborations
- Leadership
- Geographical spread
- Private sector – multiactor

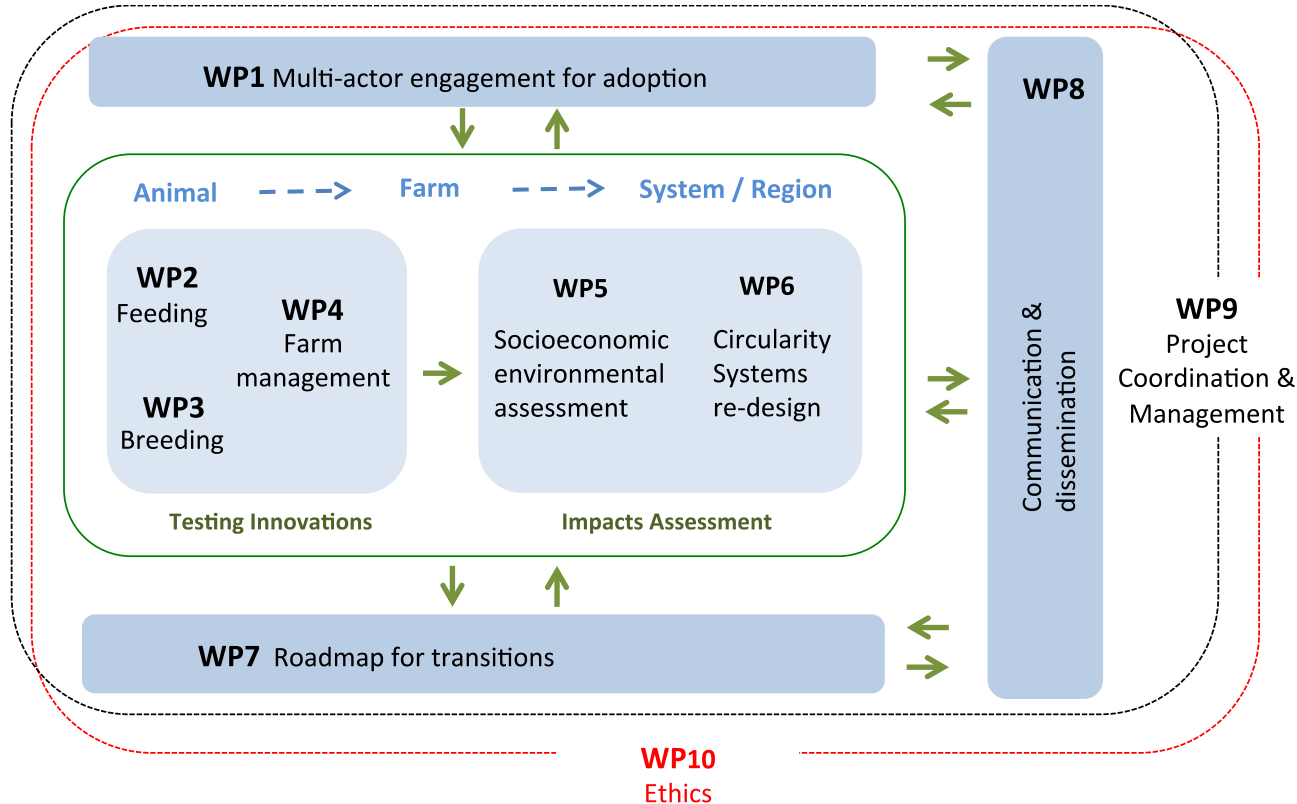
Don't be shy at contacting colleagues that are potentially developing a consortium

Geographical spread Systems

AT – Austria
AU – Australia
CH – Switzerland
DE – Germany
DK – Denmark
ES – Spain
IE – Ireland
IT – Italy
NL – Netherlands
PL – Poland
PT – Portugal
SE – Sweden
GB – United Kingdom



Collaboration with other disciplines opens doors



Don't be afraid of (co)leading, offer yourself



Re-Livestock
RESILIENT FARMING SYSTEMS

WP Leads

WP1 Re-understanding and mobilizing adoption through multi-actor engagement	UREAD	- UCD
WP2 Re-feeding livestock for resilience	SRUC	- CSIC
WP3 Re-breeding livestock for resilience	WR	- UNIPi
WP4 Re-Managing at farm level for livestock resilience	UPV	- AU
WP5 Re-Assessment of livestock farm systems	SLU	- FIBL
WP6 Re-Design of circular systems	WU	- FIBL
WP7 Re-Map a roadmap for transition	UNIPi	- BOKU
WP8 Communication, dissemination and capacity building	IAMZ-CIHEAM	
WP9 Project management and coordination	CSIC	
WP10 Ethics requirements	CSIC	



Proposal evaluation – learning from mistakes

Evaluation Summary Report

Evaluation Result

Total score: 8.00 (Threshold: 10)

 Associated with document Ref. Ares(2022)764524 - 02/02/2022

Proposal Evaluation Form

	EUROPEAN COMMISSION Horizon Europe Framework Programme (HORIZON)	Evaluation Summary Report - Research and innovation actions
--	--	--

- Excellence
- Impact
- Q&E Implementation

Evaluation Summary Report

Evaluation Result

Total score: 14.00 (Threshold: 10)

Criterion 1 - Excellence

Score: 5.00 (Threshold: 3/5.00 , Weight: -)

use that will be decide only at
ing.

Criterion 2 - Impact

Score: 5.00 (Threshold: 3/5.00 , Weight: -)

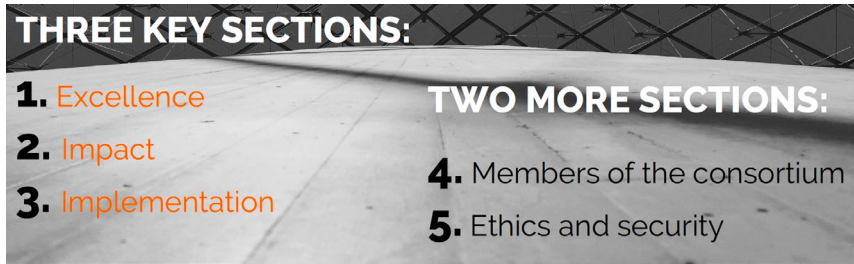
products are not well detailed.
ming.

Criterion 3 - Quality and efficiency of the implementation

Score: 4.00 (Threshold: 3/5.00 , Weight: -)

re not sufficiently elaborated,

Proposal development – Part B



COSTS:

Personnel: European projects measure time in a different time unit than hours or days. The time unit used is called Person Months or PMs. How much time is 1 PM?

1 PM is the time that a person will work full-time in an organization for a month (130-150 hours)

Lab costs, travelling, subcontracting...

ETHICS: self-assessment + Project execution

- Animal experimentation ethics
- Personal data
- Artificial intelligence

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on
defence research
& development*

Research
actions

Development
actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



**Pillar I
EXCELLENT SCIENCE**

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



**Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III
INNOVATIVE EUROPE**

European Innovation
Council

European innovation
ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint
Research
Center

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



European Research Council

Established by the European Commission

Starting Grant

(Consolidator & Advance)

Are you a talented early-career scientist who has already produced excellent supervised work, is ready to work independently and shows potential to be a research leader? The ERC Starting Grant could be for you.

Who can apply?

Researchers of any nationality with 2-7 years of experience since completion of PhD, a scientific track record showing great promise and an excellent research proposal can apply.

Starting Grants may be awarded up to € **1.5 million** for a period of **5 years**. (pro rata for projects of shorter duration). However, an additional € 1 million can be made available to cover eligible “start-up” costs for researchers moving from a third country to the EU or an associated country and/or the purchase of major equipment and/or access to large facilities and/or other major experimental and field work costs.

An ERC grant can cover up to 100% of the total eligible direct costs of the research plus a contribution of 25% of the total eligible costs towards indirect costs.

Criteria

Applications can be made in **any field of research**

The ERC's grants operate on a 'bottom-up' basis without predetermined priorities.

Location

Research must be conducted in a **public or private research organisation** (known as a host institution/HI). It could be the HI where the applicant already works, or any other HI located in one of **the EU [Member States](#) or [associated countries](#)**.

Host Institution

Applications for an ERC grant require a single Principal Investigator (PI) to submit the application on behalf of their host institution.

The host institution must offer suitable conditions for the PI to independently lead the research and manage funding. The PI can be hosted by any legal entity in an **EU Member State or associated country**.

The PI does not need to be employed by the host institution at the time of proposal submission, but a mutual agreement and commitment are necessary if the proposal is successful.



European Research Council
Established by the European Commission

Starting Grant

- ERC is Europe's **most prestigious research grant**, supporting excellent researchers in carrying out ground-breaking, ambitious, frontier research projects.
- Important to adjust the proposal to the unique ERC requirements (Starting, consolidator, advance).
- Outstanding CV, independent thinking, leadership, (no Nature / Science publications needed)
- High risk proposal (balancing high risk and feasibility....)
- Yearly calls (you can plan to develop CV for applying in 2-3 years)
- 2 stage evaluation: 1. short proposal & 2. Long proposal + interview (large/multidisciplinary panel)

<https://erc.europa.eu/apply-grant/starting-grant>

Summary

- EU research programs: lots of options, understand structure and language
- REA guide + training
- **Collaborative projects / large consortia**
 - Draft of research program in advance: look for expertise in the topics
 - Make yourself an attractive partner
 - Understand the evaluation process
- **Individual projects**
 - ERC Starting Grants

Thank you!



david.yanez@eez.csic.es



Re-Livestock
RESILIENT FARMING SYSTEMS



**Funded by
the European Union**

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission. Neither the European Union nor the European Commission can be held responsible for them.

Hans Spoolder

Wageningen University



- experience in managing international R&D projects
- coordinated several EU funded projects over 20 years
- member of the Management Team of the EU Partnership on Animal Health and Welfare

JOIN US



Running an international project

Hans Spoolder

Wageningen Livestock Research





Wageningen University & Research

“To explore the potential of nature, to improve the quality of life”

Running an International Adventure

- ✗ My boss does not support me
- ✗ EU projects are difficult
- ✗ They involve a lot of administration
- ✗ My English is not good enough
- ✗ I don't like travelling.....
- ✓ Oops.... You need her/his support!
- ✓ Nothing is easy... you will learn by doing it.
- ✓ True (most of the time). Ask for help.
- ✓ Perhaps you underestimate yourself?
- ✓



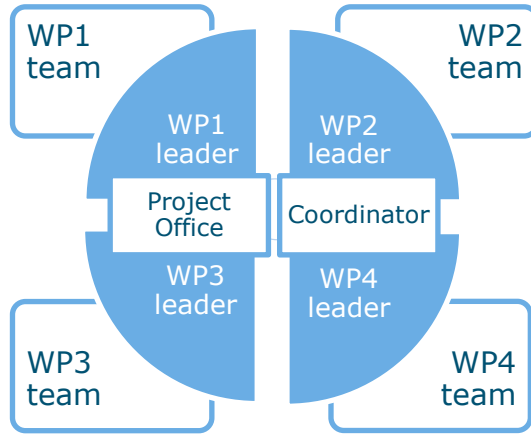
Running an International Adventure

- Some tips on executing a project
- Opportunities to get involved

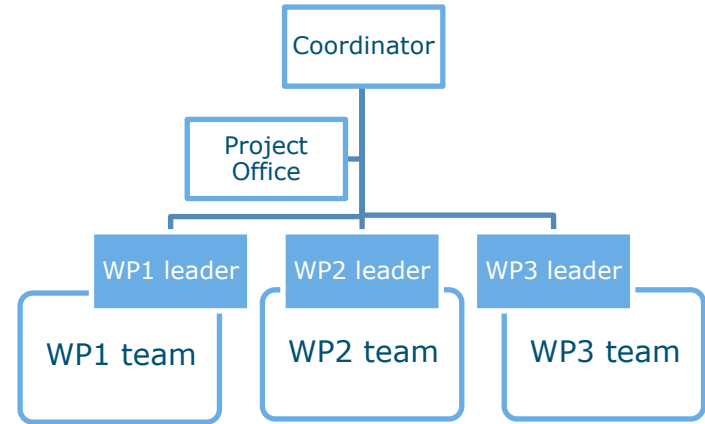
Project leadership – a team effort

- Project office
 - Deputy !
 - Project office manager
 - Financial and legal back up
- A clear organisational structure of your project
 - Tiers: central coordination – WPs – Tasks
 - Objectives and responsibilities are agreed
 - Inspiration and / or critical feedback: Advisory Board? Senior colleague?

Leadership styles



- Consensus driven
- Shared decision taking
- Much interaction between WPs
- Many meetings



- Hierarchical
- Central decision taking
- Few interactions between WPs
- Few meetings

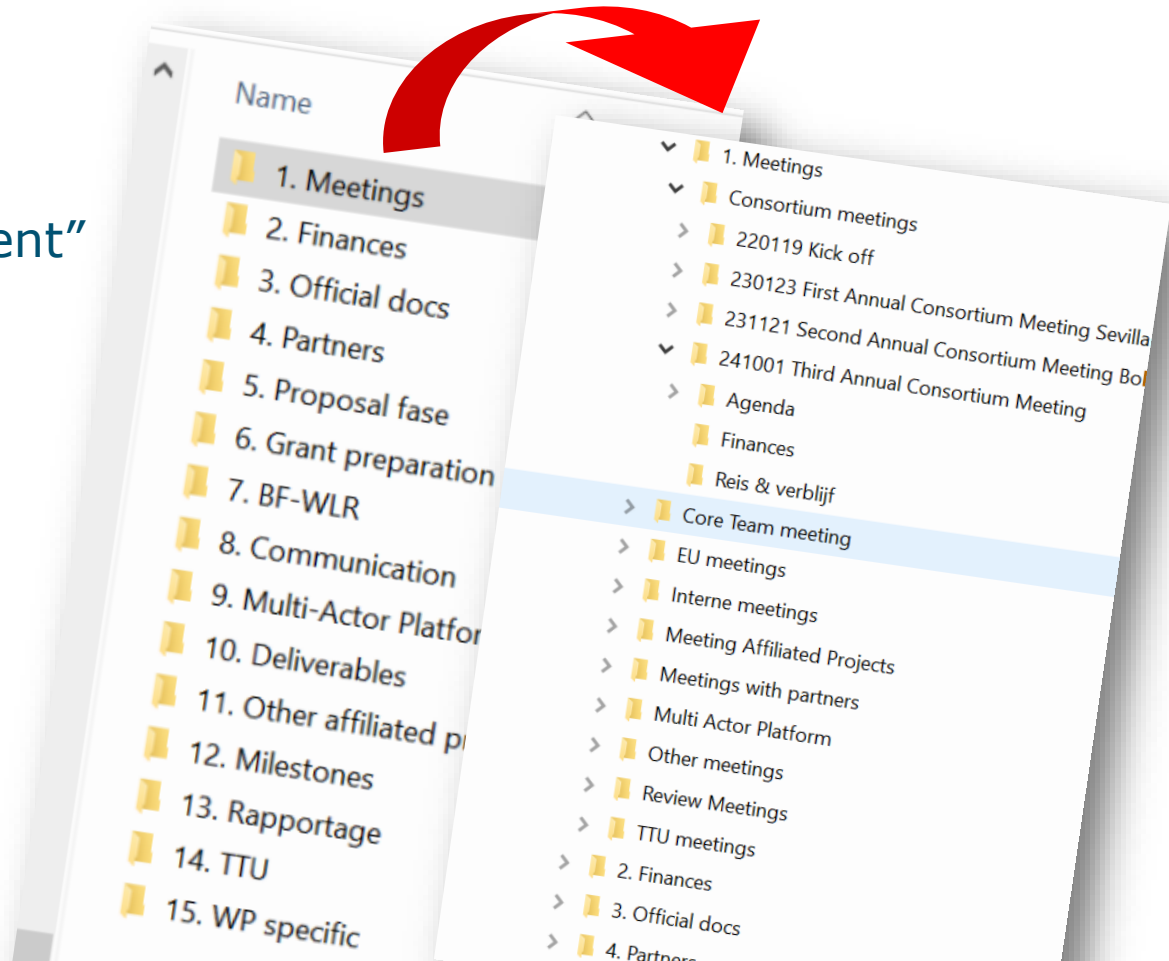
Appreciate that cultures differ

- In some cultures, it takes a long time to 'get to the point'..... others will tell you straight what they think
- Lunches can be long and a social event..... others are very short and just to eat something
- Some hierarchies are more 'hierarchical' than others



Get organised yourself!

- Not “Looking for a document”, but “Retrieving a document”



File Home Share View

Navigation pane Details pane

Layout

Medewerkers > Spool001 > # Sp

- Schre087
- Souza004
- Spool001
 - # EU_Approval Forms
 - # Spooler - 4400294-01 - EFSA Panel
 - # Spooler - 4400001249 - EU Transpor
 - # Spooler - 4400001520 - PigWatch
 - # Spooler - 4400002062 - SusPigSys
 - # Spooler - 4400002412 - HealthyLiv
 - # Spooler - 4400002533 - EURCAW
 - 1. Algemeen
 - 2. Project-, werk-, proefplannen
 - LNV
 - Looptijd 2018
 - Looptijd 2019-2020
 - Looptijd 2021-2022
 - Looptijd 2023-2024
 - Looptijd 2025-2027
 - 0. Invitation 240514
 - 1. Pigs
 - LNV 240527
 - OLD
 - 2. Poultry

62 items State: Online

Brainstorm WP 2025-2027 240531.docx

Budget estimates 2025-2027 240531_hk_Mette.d...

Budget estimates 240629 AU.xlsx

Budget estimates 240629.xlsx

Budget estimates 240629_MR.xlsx

Budget estimates 240701 jts.xlsx

Budget estimates 240701.xlsx

Budget estimates 240713.xlsx

Budget estimates 240816.xlsx

Budget estimates 240821.xlsx

Budget Roadshows EURCAW-Pigs.xlsx

EURCAW Brainstorm PigTeam 240531.pptx

EURCAW Factsheets 240531.pptx

EURCAW-Pigs WP 2025-2027 240821.docx

EURCAW-Pigs WP 2025-2027 240822.docx

EURCAW-Pigs WP 2025-2027 Draft to SANTE 2...

EURCAW-Pigs WP 2025-2027 Draft to SANTE 2...

1-6-2024 20:46

13-6-2024 13:14

1-7-2024 11:44

30-6-2024 11:37

1-7-2024 15:32

2-7-2024 13:34

1-7-2024 16:29

13-7-2024 13:28

18-8-2024 12:57

21-8-2024 18:10

18-8-2024 13:46

1-6-2024 20:18

1-6-2024 20:10

Be reliable

- It does not matter where you are in the project 'hierarchy':
 - Stick to your deadlines
 - Deliver quality
 - Inform the WP leader, project leader or the funder if you encounter a problem
- Important things are:
 - Appointments
 - Financial arrangements
 - Deliverables
 - Sample sizes



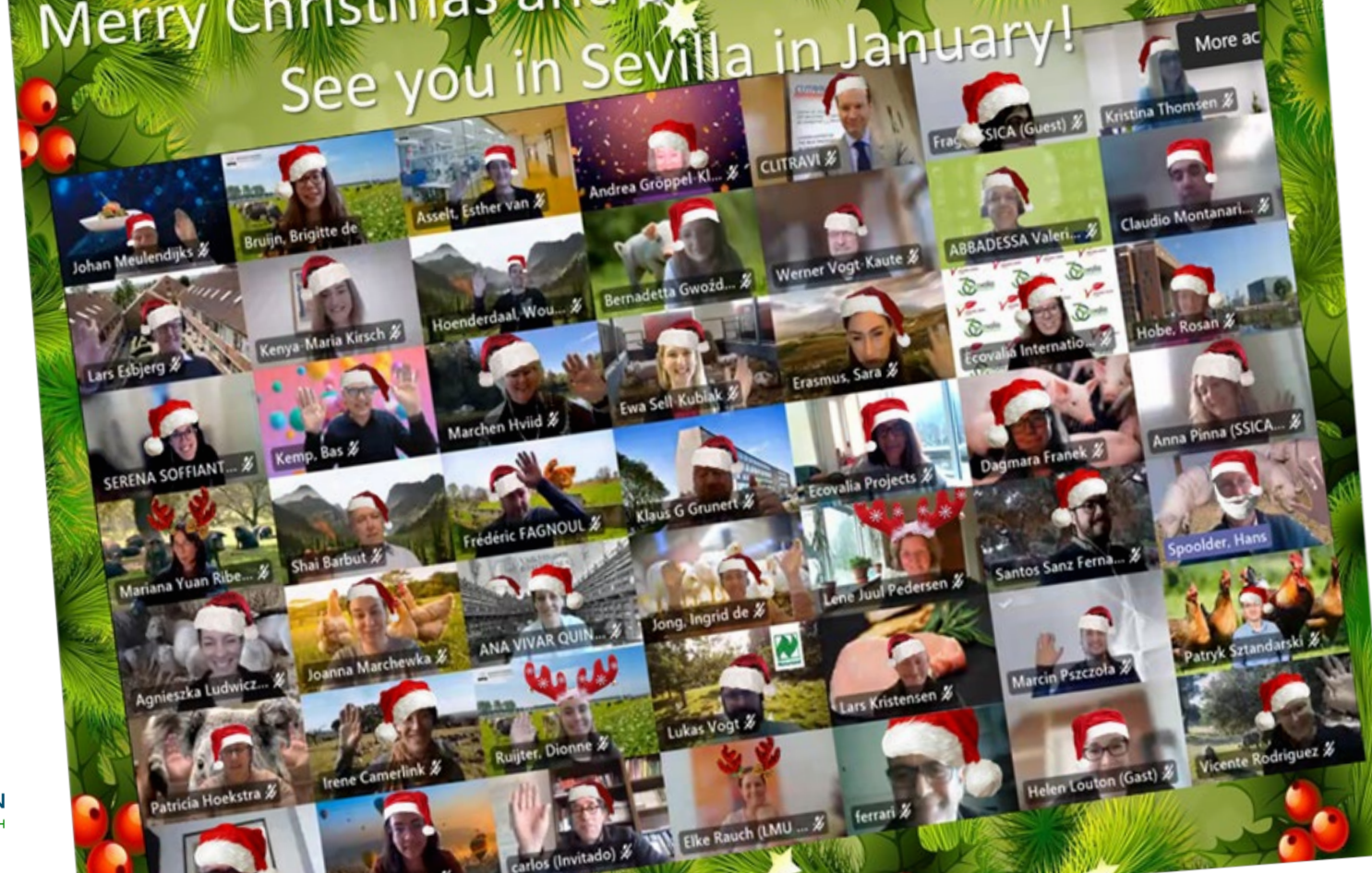
Plan ahead

- Book regular meetings a whole year ahead, e.g. :
 - Project Office: every week
 - Core Team: every month
- Prepare them:
 - Agenda
 - Action points



Enjoy it....!

Merry Christmas and a Healthy & Happy 2023
See you in Sevilla in January!

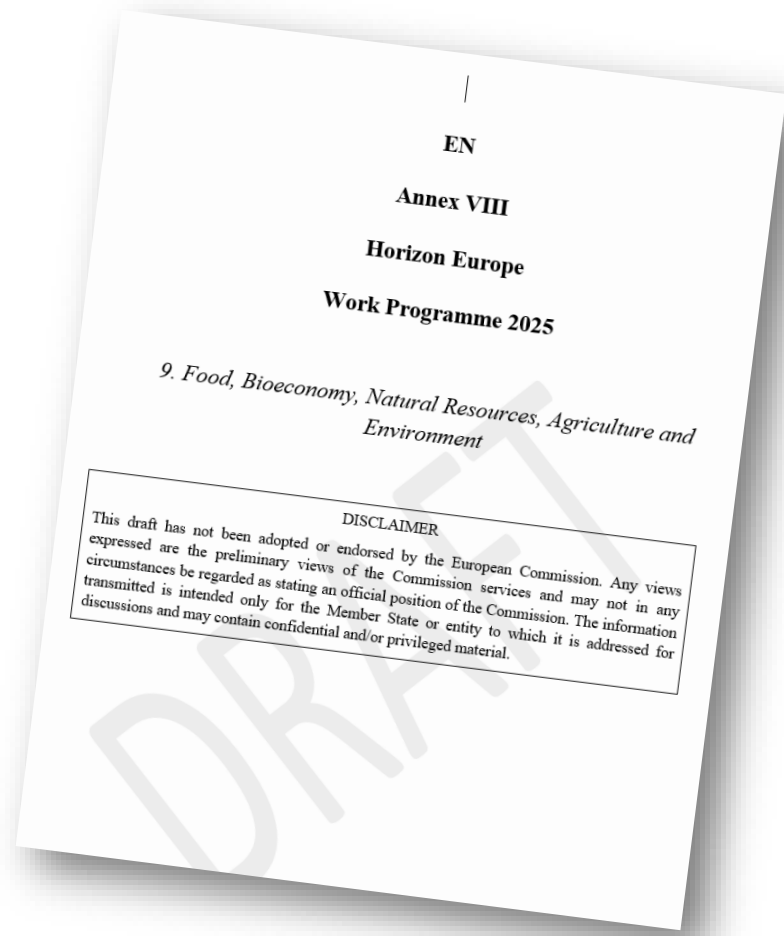


Opportunities to get involved

- Horizon Europe – Cluster 6 call
- EU Partnership on Animal Health and Welfare

Animal Sciences topics for Horizon Europe 2025

- Cluster 6: 'Agriculture'
- Latest draft: last week!
- 252 pages with research proposals
- A few on Animal Sciences
- Call open: April 2025?
- Deadline: Summer 2025



Animal sciences topics for Horizon Europe 2025

TITLE	M€	# proposals
Improving grassland management in European livestock farming systems	8	2
Monitoring, reporting, verification and mitigation of non-CO2 greenhouse gas emissions and related air pollutants from agriculture	6	2
Fostering animal breeding and genetics for climate change adaptation and mitigation, improved robustness and resilience	6	2
Enhancing the EU plant protein production to bolster the resilience of agricultural systems and EU self-sufficiency in plant protein feed	5.5	2
Understanding and managing medium and longer-term challenges and opportunities for agriculture from shifting climatic zones	5	2

EU Partnership Animal Health & Welfare

- 24 European countries (within and outside the EU).
- 56 Research organisations + 30 Funders

- Started 1 Jan 24



European Partnership on
Animal Health and Welfare

<https://www.eupahw.eu/index.html>

EU Partnership Animal Health & Welfare

- 51 topics on Health and Welfare
- Starting soon: the development of a new set of projects within the Partnership.
- Each project ~5 million euro
- Existing AND NEW partners are invited to contribute!
- ~50% funding from the Partnership



Enjoy your international adventures!

....and if you are looking for partners in Wageningen: let me know!

hans.spoolder@wur.nl



Session 91: Young EAAP session



**part III (16:00-16-20):
Q&A**

JOIN US



Session 91: Young EAAP session



BREAK

See you back at 16:45!

JOIN US



Session 91: Young EAAP session



Speed dating!

JOIN US



Speed dating



1. Presentation
2. Speed dating

JOIN US



Ben Arnouts

KU Leuven



- assistant professor in
“Management in Livestock production”
- teaches courses on livestock production, cattle management and precision livestock farming
- leads a research group with 12 researchers working on Livestock Technology (sensor technology and data pre-processing algorithms)

Craig Lewis

Commercial big breeder



- commercial pig breeder with ongoing research in genetics of behaviour
- worked and lived in multiple countries and led teams delivering solutions to farmers
- Chair of the European Forum for Farm Animal Breeders (EFFAB)
- member of advisory board for Science for Sustainable Agriculture (SSA)

Daniel Foy

Co-founder and CEO of AgriGates



- co-founder and CEO of AgriGates - Precision Livestock Farming company (US)
- scientific business leader with a foundation in applied pharmacology
- industry representative on the PLF commission

Ebru Emsen

United Arab Emirates University



- professor of Animal Science
- founding partner of ER-GEN R&D that assists small ruminant farmers to enhance livestock breeding procedures by integrating science and technology
- passionate about ruminant start-ups 100 publications and leadership in more than 30 projects

Ewa Sell-Kubiak

Poznan University of Life Sciences



- animal breeding and statistical genomic
- involved in two EU Horizon projects (mEATqualiy and Re-Livestock) and in two COST Actions
- Vice-president of the EAAP Animal Genetics Commission
- President of the Permanent Committee of WCGALP
- married mother of three!

Michael Odintsov

Co-founder of Regrowth



- co-founder or startup Regrowth (ITA) that developed PLF technologies for extensive and agroecological farms
- passionate about the transition from academia to industry, early-stage idea validation, pre-seed to seed fundraising and the role the entrepreneur-driven innovation.

Gertje Petersen

LAVES Institute for Apiculture



- vet-turned-geneticist-turned-head of a state institute on beekeeping
- 10 years of experience in industry at a private biotech and consulting company
- involved in several projects on honeybee health and population monitoring
- chair of the COST Action Insect-IMP

Morten Kargo

Aarhus University & VikingGenetics



- quantitative geneticist with interest in breeding scheme optimisation
- experience in supervising students and teaching
- general interest in implementation of research results in practical livestock production.
- responsible for the breeding strategy for the Red dairy cattle population

Hans Spoolder

Wageningen University



- experience in managing international R&D projects
- coordinated several EU funded projects over 20 years
- member of the Management Team of the EU Partnership on Animal Health and Welfare

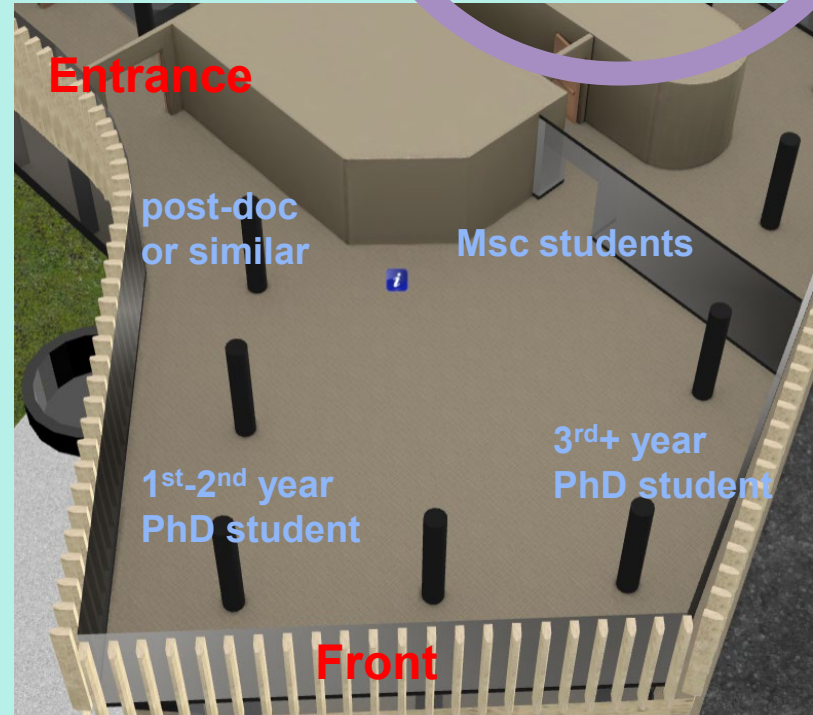
JOIN US



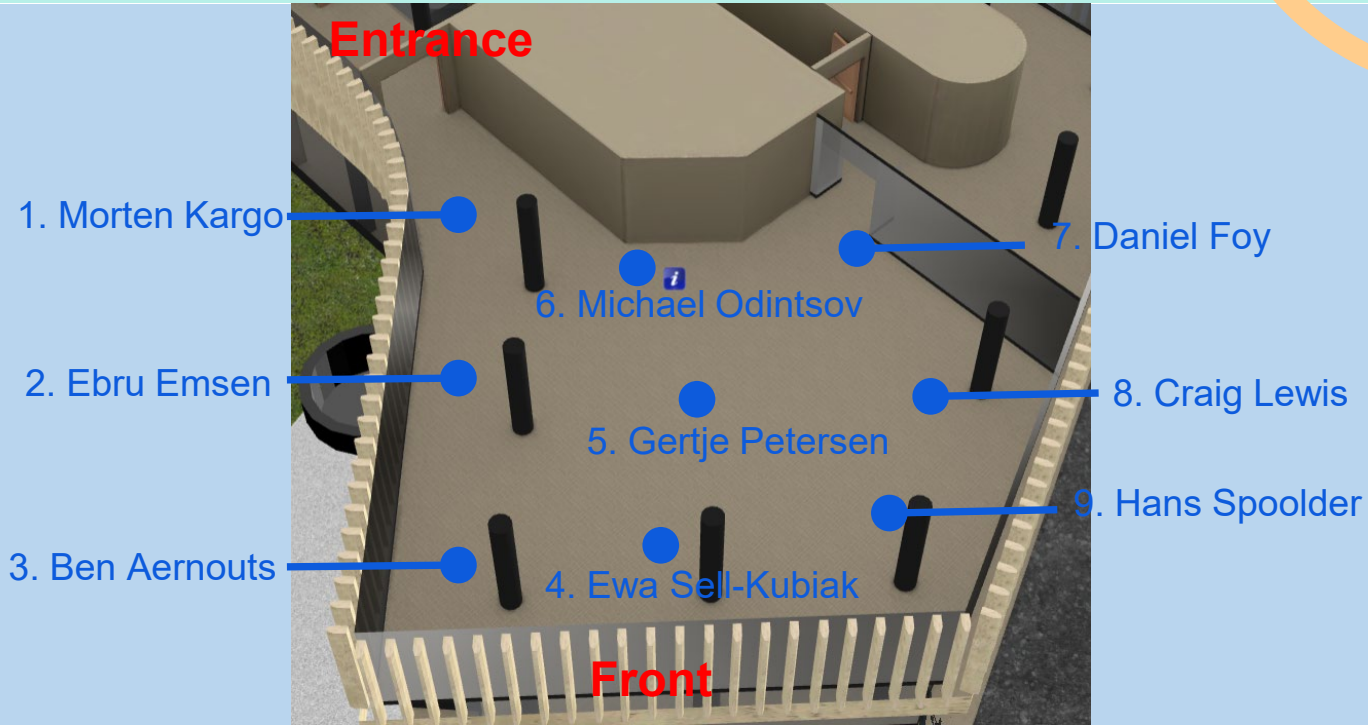
Room outline - organisation



- Groups – put yourself as →
- Group numbers 1 to 10
- 5 minutes / 1 minute switch
- $1 > 2 > 3 > 4 > 5 > \dots$ etc.
(see next)



Room outline



Example topics to talk about



- Most impactful career choice
- When to decide between academia and industry
- Most difficult moment/phase during your career – biggest challenges
- Work-life balance / time management
- Did you ever have to deal with imposter syndrome?
- Best tip for early career scientists?
- What would you have done differently if you could in the past?
- What is it you love most about your job?
- Have you ever moved to a different country for work, and was that a good choice?
- What do you appreciate most in your colleagues?

JOIN US

