Webinar

Informação sobre oportunidades para pós-doutoramento com financiamento da Comissão Europeia

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Como começar a preparar uma proposta Marie Curie (MSCA-PF)

Juliana Stropp

19/07/2021

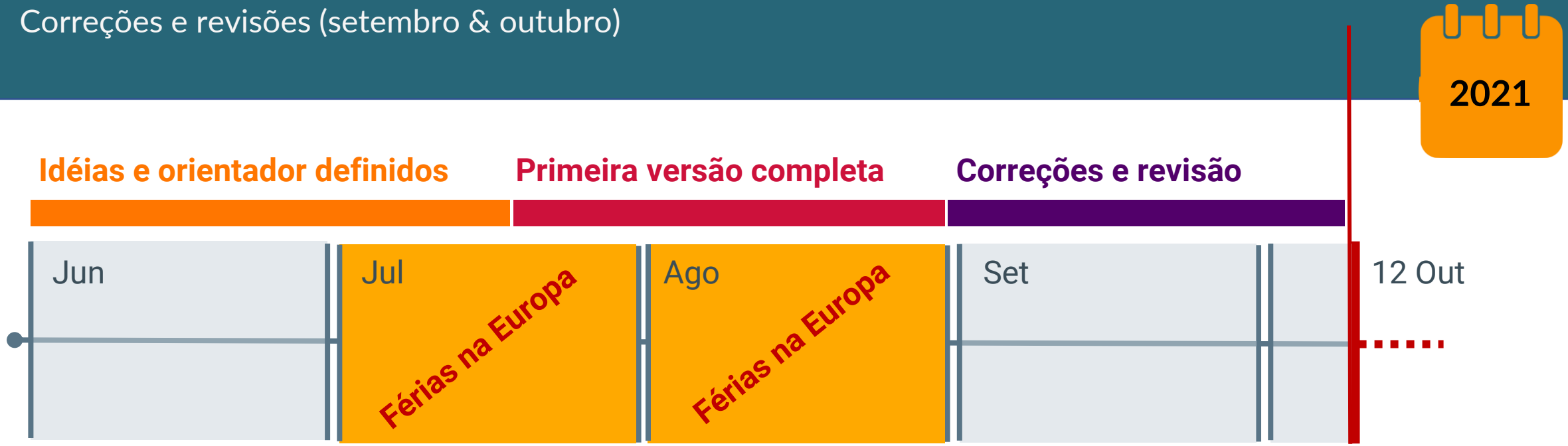
1. O que é a bolsa MSCA-PF

- Financiamento para pós-doutoramento em instituições da Europa
- Finaciamento da Comissão Europeia
- Chamada aberta: 22 Junho 2021
- Prazo para submissão: 12 Outubro 2021

https://ec.europa.eu/research/mariecurieactions/calls/msca-postdoctoral-fellowships-2021

2. Por onde começar?

- Idéias mais ou menos definidas, contato com orientador e instituição (metade de julho)
- Primeira versão (COMPLETA!) (final de agosto)
- Correções e revisões (setembro & outubro)



- Submissão (12 Oct. 17: 00 h – horário de Bruxelas)

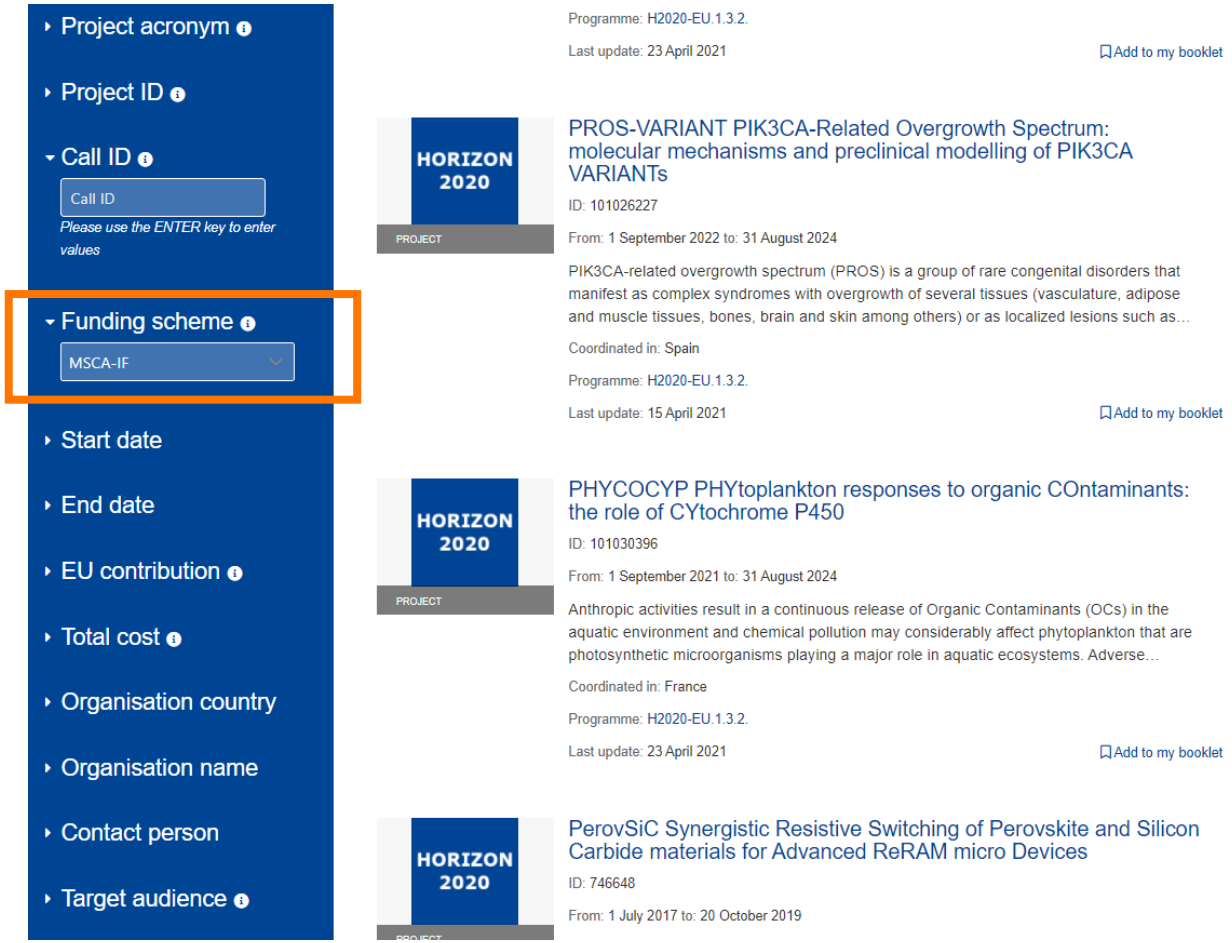
2. Por onde começar?

- Veja outras propostas
- Converse com pessoas que já tiveram propostas aprovadas
- Consulte banco de dados CORDIS

CORDIS: Banco de dados de propostas aprovadas

https://cordis.europa.eu/

Aplicar filtro: **MSCA-IF**



2. Por onde começar?

- Por que este projeto?
- Por que você?
- Por que agora?

3. Proposta

- Excellence
- Impact
- Implementation

0 – *The* ***proposal fails to address the criterion*** *or cannot be assessed due to missing or incomplete information.*
1 – Poor. *The criterion is inadequately addressed, or there are serious inherent weaknesses.*
2 – Fair. *The proposal broadly addresses the criterion, but there are significant weaknesses.*
3 – Good. *The proposal addresses the criterion well, but a number of shortcomings are present.*
4 – Very good. *The proposal addresses the criterion very well, but a small number of shortcomings are present.*
5 – Excellent. *The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.*

Minimum 4.7

3. Proposta

- **Excellence**

1. Research & Innovation
2. Methods (interdisciplinary approach, gender issues, open science, engagement with society
3. Two-way knowledge transfer

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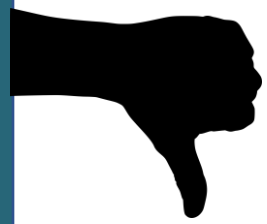
Minimum 4.7

3. Proposta

- Excellence

  1. Research & Innovation

- **Questões com impacto científico amplo**
- **Testes de hipótese relevante para a disciplina**
- **Mudança de paradigma**
- **Pesquisa interdisciplinar**
- **Scale-up**
- **Uso de novas tecnologias**



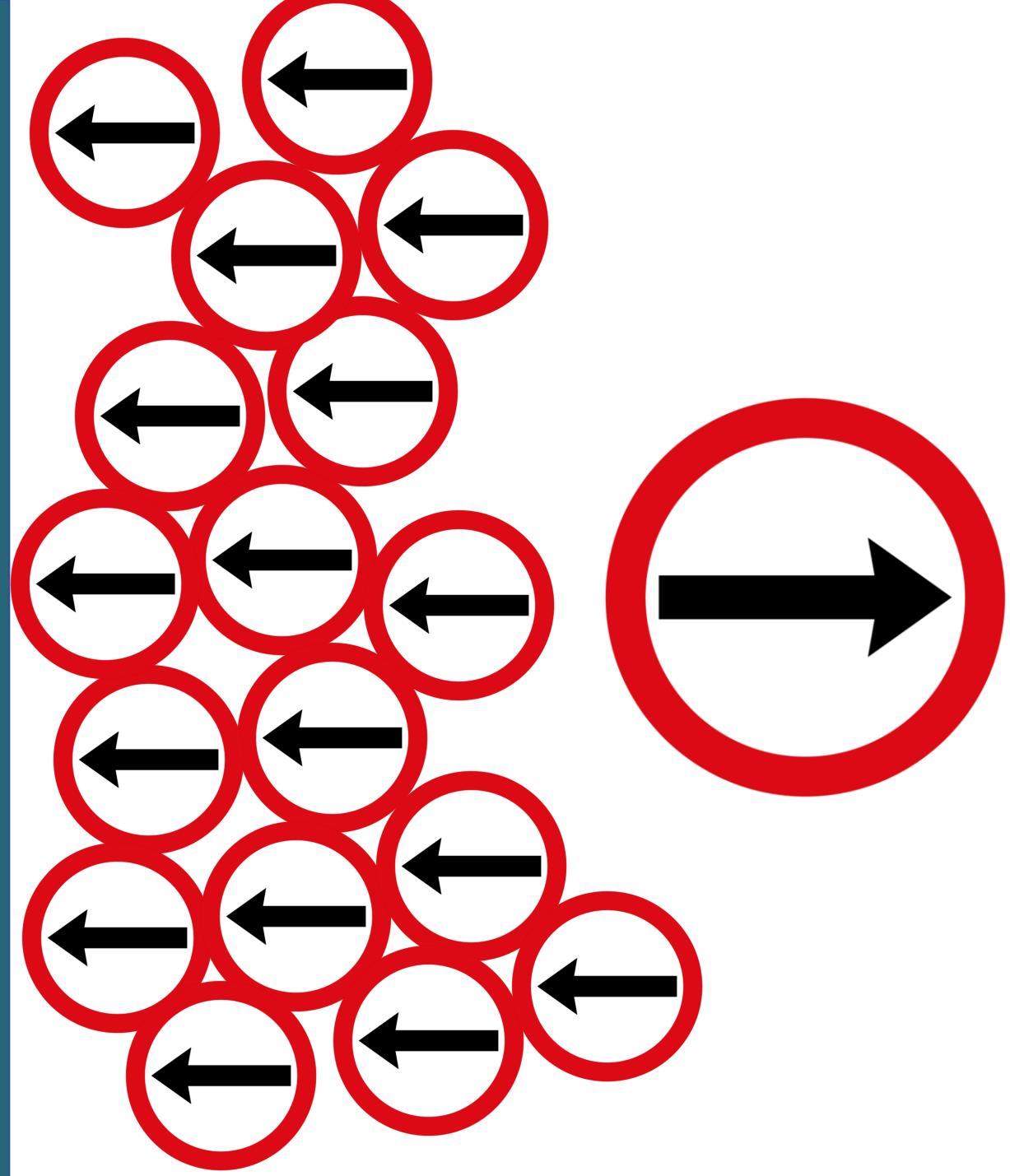
- Estudo de caso
- Réplica de estudo já realizado
- Novo método para uma pergunta antiga
- Estudos pontuais (teórico ou aplicado)

2. Por onde começar?

- **Excellence**

1. Research & Innovation

- **Explicar/demonstrar** o aspecto inovador
- Como? Incluir referencias a artigos recentes (de alto impacto) que mostram o caracter inovador to projeto/tema
- Colocar problemas locais em context global
- Exemplo: Climate change & sustainable agriculture in Angola ➔ potential solution for tropical agriculture
- “Local research in a global context”



2. Por onde começar?

- Exemplo

https://cordis.europa.eu/project/id/892383

Project Information

RESCATA

Grant agreement ID: 892383

Start date	End date
1 October 2020	16 March 2023

Funded under
H2020-EU.1.3.2.

Overall budget
€ 212 933,76

EU contribution
€ 212 933,76

Coordinated by
UNIVERSITY OF LEEDS
United Kingdom

Project description

DE EN ES FR IT PL

Integrating Andean and Amazonian vegetation-monitoring schemes

In terms of carbon storage, biodiversity and climate regulation, the Andes and the Amazon are among the most important ecosystems on Earth. Like other tropical forests, they too are affected by rising temperatures and droughts threatening plant species with extinction. To date, the Andes and the Amazon have been studied separately in terms of climate change, despite being adjacent and having similar ecosystems. The EU-funded RESCATA project will integrate the world's most advanced networks of Andean and Amazonian vegetation-monitoring schemes and carry out innovative species-level analyses. RESCATA will identify the reasons behind plant species' survival or extinction under climate change in the two regions, as well as consider current and future macroecological effects.

2. Por onde começar?

- Exemplo

https://cordis.europa.eu/project/id/843234

Project Information

TAXON-TIME

Grant agreement ID: 843234

Start date
1 December 2019

End date
30 November 2021

Funded under
H2020-EU.1.3.2.

Overall budget
€ 172 932,48

EU contribution
€ 172 932,48

Coordinated by
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

Spain

Project description

DE EN ES FR IT PL

Bridging the gap between taxonomy and macroecology

Key aspects of ecology, from understanding biodiversity to identifying conservation targets, depend on how organisms are classified. For ecologists, the importance of taxonomy is undisputed. Yet most sub-disciplines of ecology treat the taxonomic classification of organisms as static, while in reality it is dynamic and subject to periodic change. TAXON-TIME aims to bridge the gap between taxonomy and macroecology. The project investigates 250 years of botanical explorations in African and Amazonian rainforests and analyses the impacts of taxonomic reclassifications on macroecological patterns of plant diversity. This EU-funded project relies on data-intensive research methods to integrate massive volumes of digital data of historical species discoveries and reclassifications.

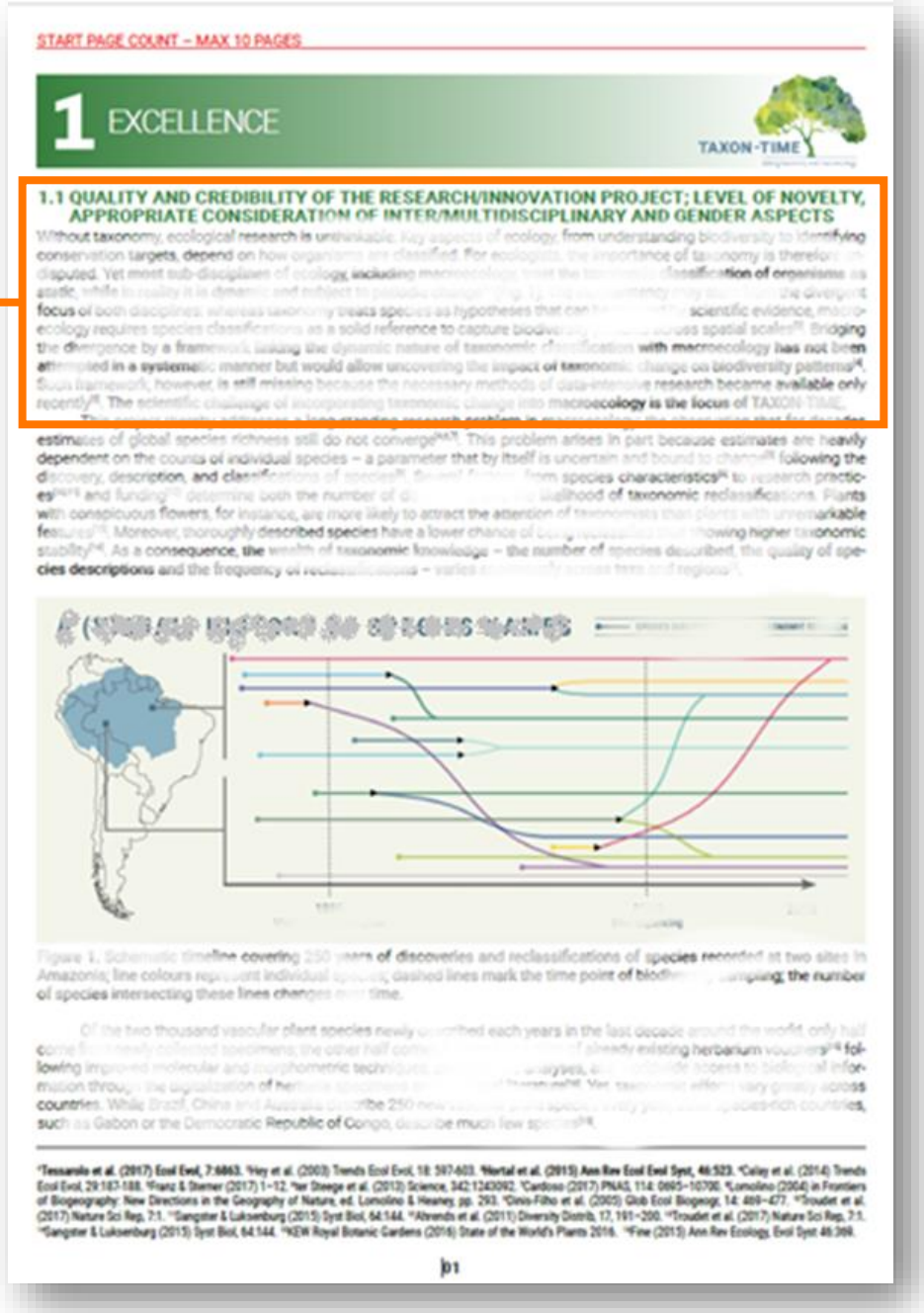
3. Proposta

- **Excellence: Research & Innovation**

Em poucas frases:

- O que é bem estabelecido na literatura
- Lacuna de conhecimento
- Como o projeto vai preencher esta lacuna
- Intrigar a curiosidade da comunidade científica

Página 1



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1 EXCELLENCE

TAXON-TIME

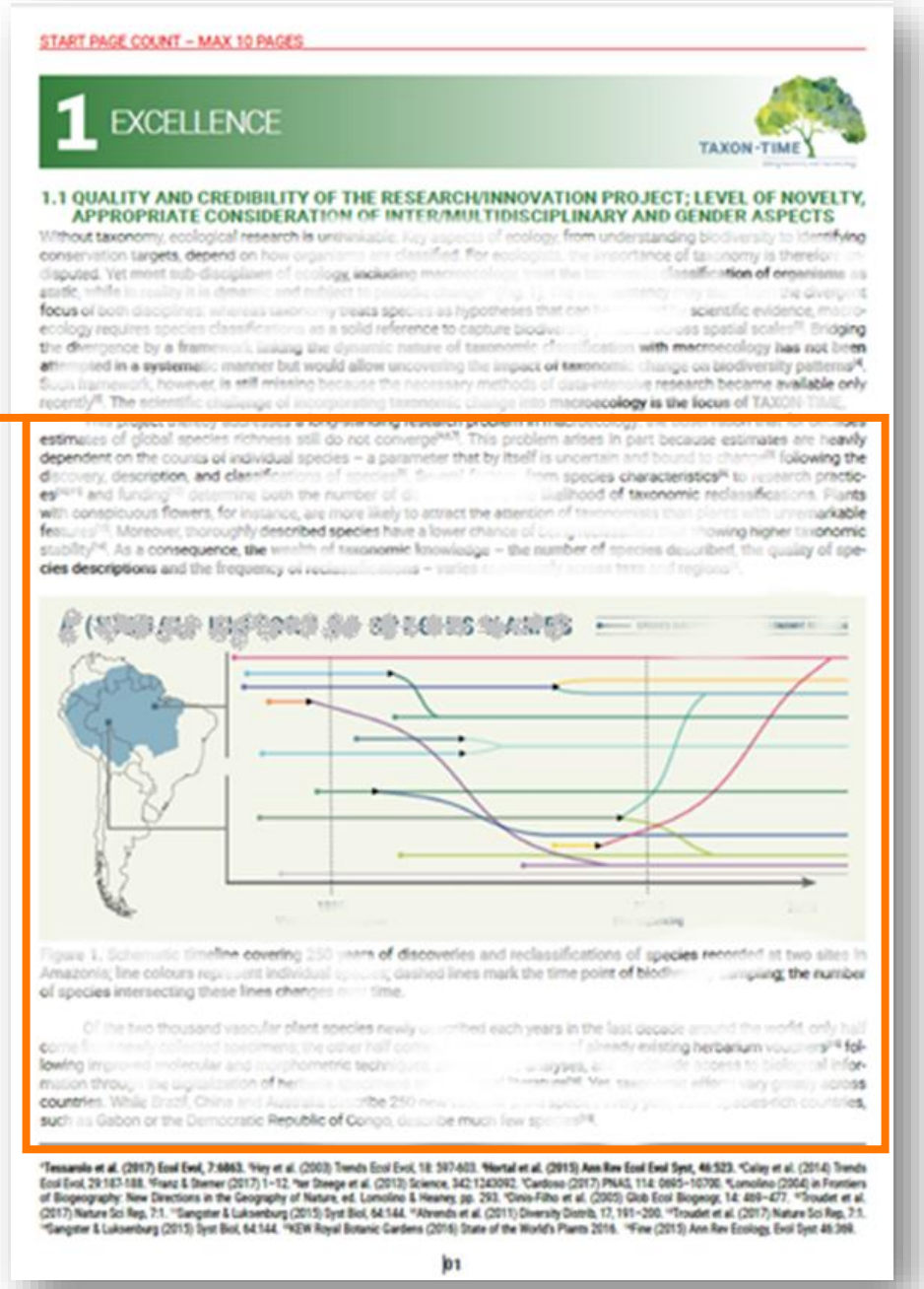
1.1 QUALITY AND CREDIBILITY OF THE RESEARCH/INNOVATION PROJECT; LEVEL OF NOVELTY, APPROPRIATE CONSIDERATION OF INTER/MULTIDISCIPLINARY AND GENDER ASPECTS

3. Proposta

- **Excellence: Research & Innovation**

  - Contextualização e detalhamento do problema em linguagem acessível
  - Ilustração simples e informativa

Página 1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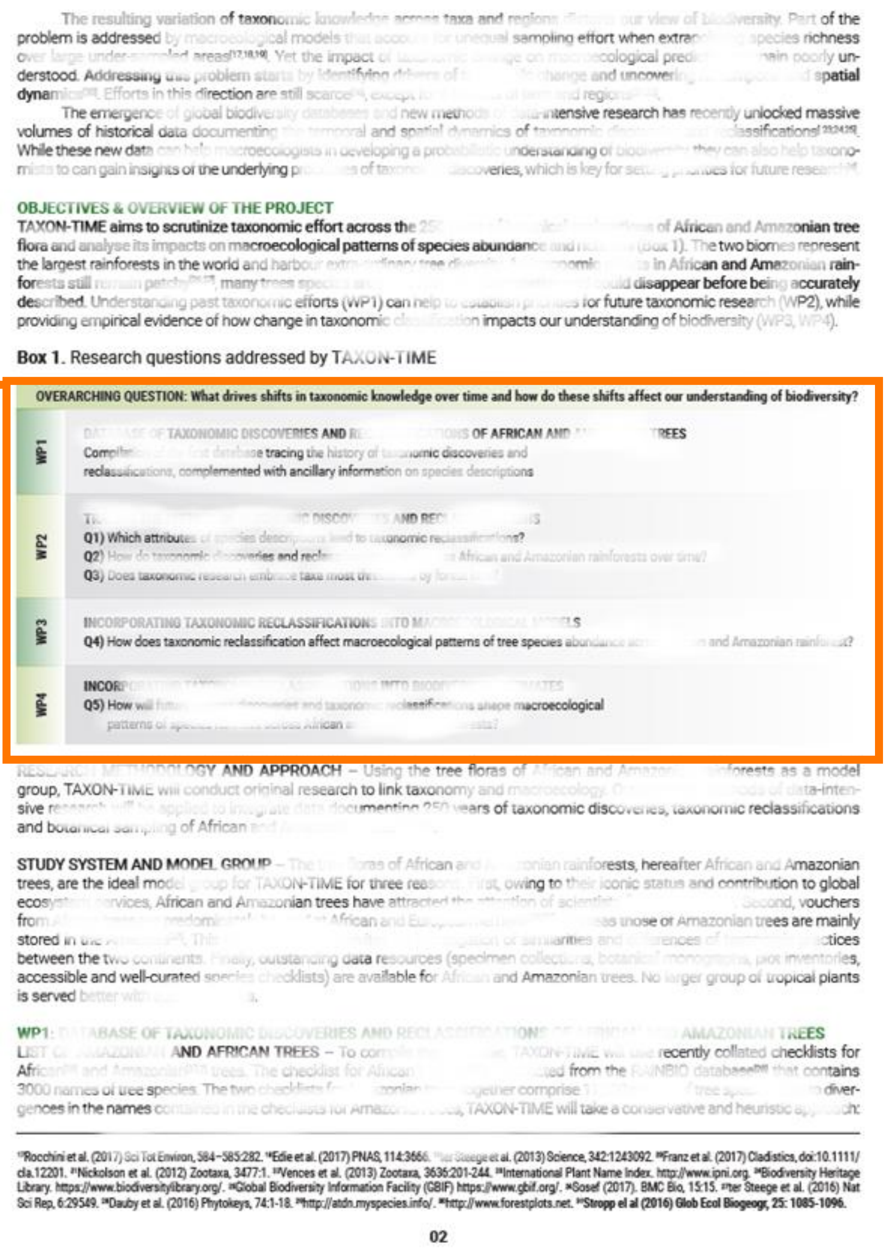
3. Proposta

- **Excellence: Research & Innovation**

Página 2



- Destaque como o projeto está organizado em “Work Packages”
- Uma pergunta geral
- Perguntas organizadas por WP

3. Proposta

- **Excellence**

1. Research & Innovation
2. **Methods (interdisciplinary approach, gender issues, open science, engagement with society)**
3. Two-way knowledge transfer

- **Destacar aspecto inovador**
- **Destacar por que este é o momento certo para aplicar estes métodos**
- **Enfatizar abordagem intedisciplinar**

3. Proposta

- Exemplos: Methods

https://cordis.europa.eu/project/id/892383

extinction under climate change conditions in the Amazon-Andes region and to reveal ongoing and future macroecological changes in these forests. We will test the role of initial species abundance, distribution range, functional traits, and phylogeny on species success or failure. In addition, we will pioneer the standardization of Andean and Amazonian data in order to increase usage, collaboration and accuracy. Fadrique will work alongside world-leading researchers Prof. Phillips and Prof. Cayuela in order to gain macroecological knowledge, alongside new skills in big-data analysis and individual-based modelling as well as multidisciplinary connections to establish herself as a leading climate-change scientist in Europe. The results of this project will be of high interest far beyond the scientific community including government entities, policy makers, conservation agencies and the general public and I will engage them via different activities such as publications, policy reports, webinars and workshops

“Pioneer the standardization of data”

3. Proposta

- Exemplos: Methods

https://cordis.europa.eu/project/id/843234

project will scrutinize 250 years of botanical explorations in African and Amazonian rainforests and analyze the impacts of taxonomic reclassifications on the macroecological patterns of tree species abundance and richness. To this end, TAXON-TIME will apply cutting-edge methods of data-intensive research and integrate massive volumes of digital data of historical taxonomic discoveries and reclassifications that became available only recently. A probabilistic approach to data analysis will ensure the resulting biodiversity patterns account for the likelihood of taxonomic reclassifications across space and time. TAXON-TIME results can lead to a paradigm shift in macroecological research towards the adoption of a probabilistic, rather than deterministic, view of taxonomic reclassifications. The project is led by an Experienced Researcher (ER) with outstanding analytical and technical skills and relevant research experience on three continents. TAXON-TIME brings together an interdisciplinary team of leading scientists with complementary research skills in tropical ecology, macroecology and data-intensive research. Upon completion, TAXON-TIME will contribute to a paradigm shift in macroecology and provided the ER

"... intregrate massive volume of data"

3. Proposta

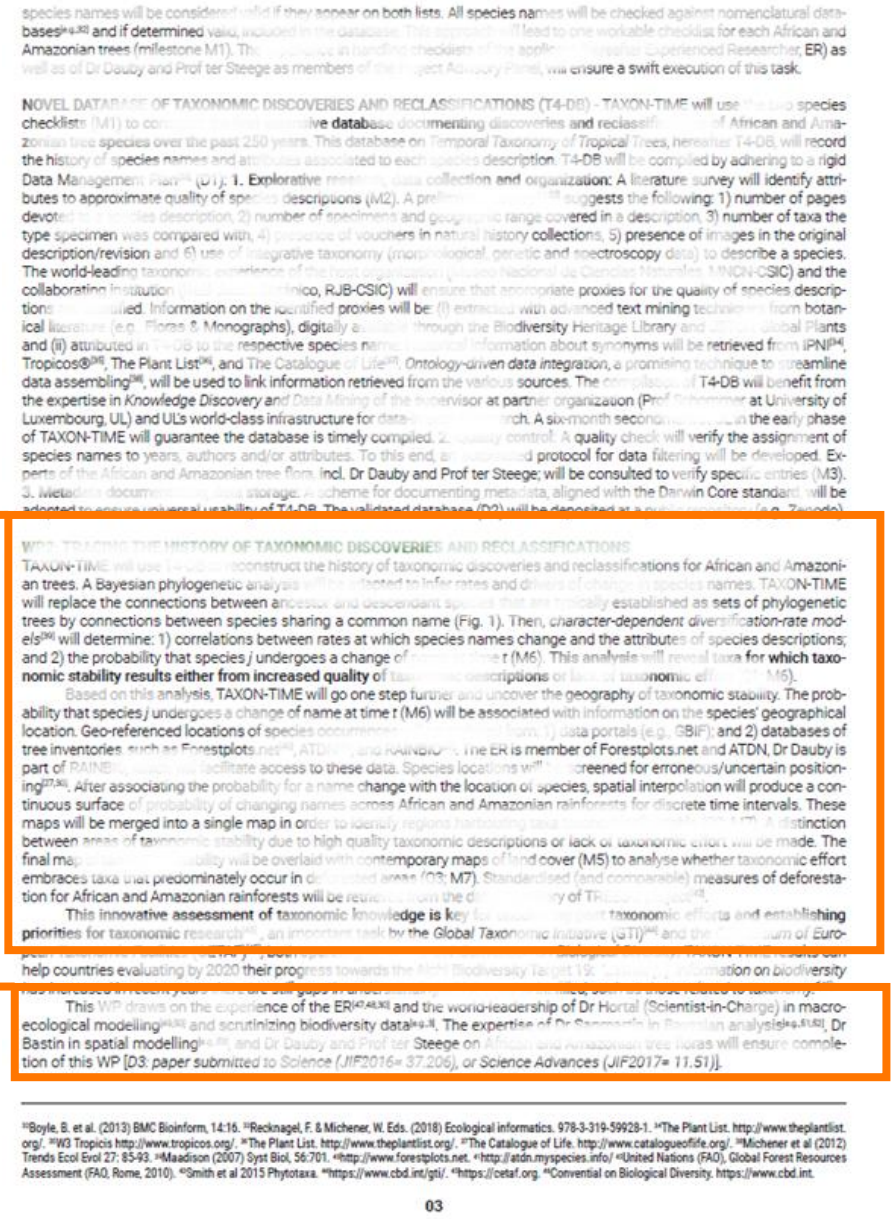
- **Excellence: Methods**

  - Para cada WP: descrição clara e simples dos métodos

  - Para cada WP: citar seus artigos anteriores e artigos do orientador que sejam relacionados ao tema.

  - Indicar credibilidade científica e de execução

Página 3



species names will be considered valid if they appear on both lists. All species names will be checked against nomenclatural databases[9,10] and if determined valid, included in the database. This procedure will lead to one workable checklist for each African and Amazonian trees (milestone M1). The [illegible] as handling checklists of this sort. [illegible] Experienced Researcher, ER) as well as of Dr Dauby and Prof ter Steege as members of the [illegible], will ensure a swift execution of this task.

NOVEL DATABASE OF TAXONOMIC DISCOVERIES AND RECLASSIFICATIONS (T4-DB) - TAXON-TIME will use [illegible] species checklists (M1) to construct **the database** documenting discoveries and reclassifications of African and Amazonian tree species over the past 250 years. This database on *Temporal Taxonomy of Tropical Trees*, hereafter T4-DB, will record the history of species names and attributes associated to each species description. T4-DB will be compiled by adhering to a rigid Data Management Plan (DMP). **1. Explorative research: data collection and organization:** A literature survey will identify attributes to approximate quality of species descriptions (M2). A preliminary study suggests the following: 1) number of pages devoted to species description, 2) number of specimens and geographic range covered in a description, 3) number of taxa the type specimen was compared with, 4) presence of vouchers in natural history collections, 5) presence of images in the original description/revision and 6) use of integrative taxonomy (morphological, genetic and spectroscopy data) to describe a species. The world-leading taxonomic competence of the [illegible] Museo Nacional de Ciencias Naturales, MNCN-CSIC) and the collaborating Institution [illegible]nico, RJB-CSIC) will ensure that appropriate proxies for the quality of species descriptions [illegible]ied. Information on the identified proxies will be: (i) extracted with advanced text mining techniques from botanical literature (e.g. Floras & Monographs), digitally [illegible] through the Biodiversity Heritage Library and Global Plants and (ii) attributed in T4-DB to the respective species name[s]. Information about synonyms will be retrieved from IPNI[34], Tropicos®[35], The Plant List[36], and The Catalogue of Life[37]. *Ontology-driven data integration*, a promising technique to streamline data assembling[38], will be used to link information retrieved from the various sources. The [illegible] T4-DB will benefit from the expertise in *Knowledge Discovery and Data Mining* of the supervisor at partner organization (Prof [illegible] at University of Luxembourg, UL) and UL's world-class infrastructure for data [illegible]rch. A six-month second[illegible] the early phase of TAXON-TIME will guarantee the database is timely compiled. [illegible] quality control. A quality check will verify the assignment of species names to years, authors and/or attributes. To this end, a [illegible]d protocol for data filtering will be developed. Experts of the African and Amazonian tree flora, incl. Dr Dauby and Prof ter Steege, will be consulted to verify specific entries (M3). 3. Metadata documentation [illegible] storage. A scheme for documenting metadata, aligned with the Darwin Core standard, will be adopted to ensure universal usability of T4-DB. The validated database (D2) will be deposited at a [illegible] (e.g. Zenodo).

WP2: TRACING THE HISTORY OF TAXONOMIC DISCOVERIES AND RECLASSIFICATIONS

TAXON-TIME will use [illegible] to reconstruct the history of taxonomic discoveries and reclassifications for African and Amazonian trees. A Bayesian phylogenetic analysis [illegible] implemented to infer rates and drivers of change in species names. TAXON-TIME will replace the connections between ancestor and descendant species that are typically established as sets of phylogenetic trees by connections between species sharing a common name (Fig. 1). Then, *character-dependent diversification-rate models*[39] will determine: 1) correlations between rates at which species names change and the attributes of species descriptions; and 2) the probability that species *j* undergoes a change of [illegible] *t* (M6). This analysis will reveal taxa for **which taxonomic stability results either from increased quality** of [illegible]descriptions or lack of taxonomic effort (M6).

Based on this analysis, TAXON-TIME will go one step further and uncover the geography of taxonomic stability. The probability that species *j* undergoes a change of name at time *t* (M6) will be associated with information on the species' geographical location. Geo-referenced locations of species occurrences will be [illegible] from 1) data portals (e.g. GBIF); and 2) databases of tree inventories such as Forestplots.net[40], ATDN [illegible] RAINBIO[41]. The ER is member of Forestplots.net and ATDN, Dr Dauby is part of RAINBIO. [illegible] facilitate access to these data. Species locations will be screened for erroneous/uncertain positioning[27,30]. After associating the probability for a name change with the location of species, spatial interpolation will produce a continuous surface of probability of changing names across African and Amazonian rainforests for discrete time intervals. These maps will be merged into a single map in order to identify regions harbouring taxonomic [illegible]. A distinction between areas of taxonomic stability due to high quality taxonomic descriptions or lack of taxonomic effort will be made. The final map [illegible]bility will be overlaid with contemporary maps of land cover (M5) to analyse whether taxonomic effort embraces taxa that predominately occur in [illegible] areas (D3; M7). Standardised (and comparable) measures of deforestation for African and Amazonian rainforests will be [illegible] from the [illegible]y of Tropical [illegible].

This innovative assessment of taxonomic knowledge is key for [illegible] taxonomic efforts and establishing priorities for taxonomic research[42], an important task by the *Global Taxonomic Initiative* (GTI)[43] and the [illegible]um of European [illegible], [illegible] help countries evaluating by 2020 their progress towards the Aichi Biodiversity Target 19: [illegible]tion on biodiversity [illegible].

This WP draws on the experience of the ER[47,48,50] and the world-leadership of Dr Hortal (Scientist-in-Charge) in macroecological modelling[49,51] and scrutinizing biodiversity data[4-9]. The expertise of Dr Sanmartín in Bayesian analysis[44,51,52], Dr Bastin in spatial modelling[45,46], and Dr Dauby and Prof ter Steege on African and Amazonian tree floras will ensure completion of this WP [*D3: paper submitted to Science (JIF2016= 37.206), or Science Advances (JIF2017= 11.51)*].

[9]Boyle, B. et al. (2013) BMC Bioinform, 14:16. [10]Recknagel, F. & Michener, W. Eds. (2018) Ecological informatics. 978-3-319-59928-1. [34]The Plant List. http://www.theplantlist.org/. [35]W3 Tropicis http://www.tropicos.org/. [36]The Plant List. http://www.theplantlist.org/. [37]The Catalogue of Life. http://www.catalogueoflife.org/. [38]Michener et al (2012) Trends Ecol Evol 27: 85-93. [39]Maddison (2007) Syst Biol, 56:701. [40]http://www.forestplots.net. [41]http://atdn.myspecies.info/ [42]United Nations (FAO), Global Forest Resources Assessment (FAO, Rome, 2010). [43]Smith et al 2015 Phytotaxa. [44]https://www.cbd.int/gti/. [45]https://cetaf.org. [46]Convential on Biological Diversity. https://www.cbd.int.

03

3. Proposta

- **Excellence: Two-way knowledge transfer**

  - Relevância do projeto para seu treinamento **– mérito para a sua carreira**
  - Relevância do projeto para a instituição acolhedora **– mérito para a instituição**

Destacar que voce é um pesquisador competente que precisa de um treinamento específico para sua carreira!!!

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

At a minimum, address the following aspects:

- Describe the qualifications and experience of the supervisor(s). Provide information regarding the supervisors' level of experience on the research topic proposed and their track record of work, including main international collaborations, as well as the level of experience in supervising/training, especially at advanced level (i.e. PhD and postdoctoral researchers).
- Planned training activities for the researcher (scientific aspects, management/organisation, horizontal and key transferrable skills...).
- For *European Fellowships*: two-way transfer of knowledge between the researcher and host organisation.
- For *Global Fellowships*: three-way transfer of knowledge between the researcher, host organisation, and associated partner for outgoing phase.
- Rationale and added-value of the non-academic placement (if applicable).

https://ec.europa.eu/research/mariecurieactions/calls/msca-postdoctoral-fellowships-2021

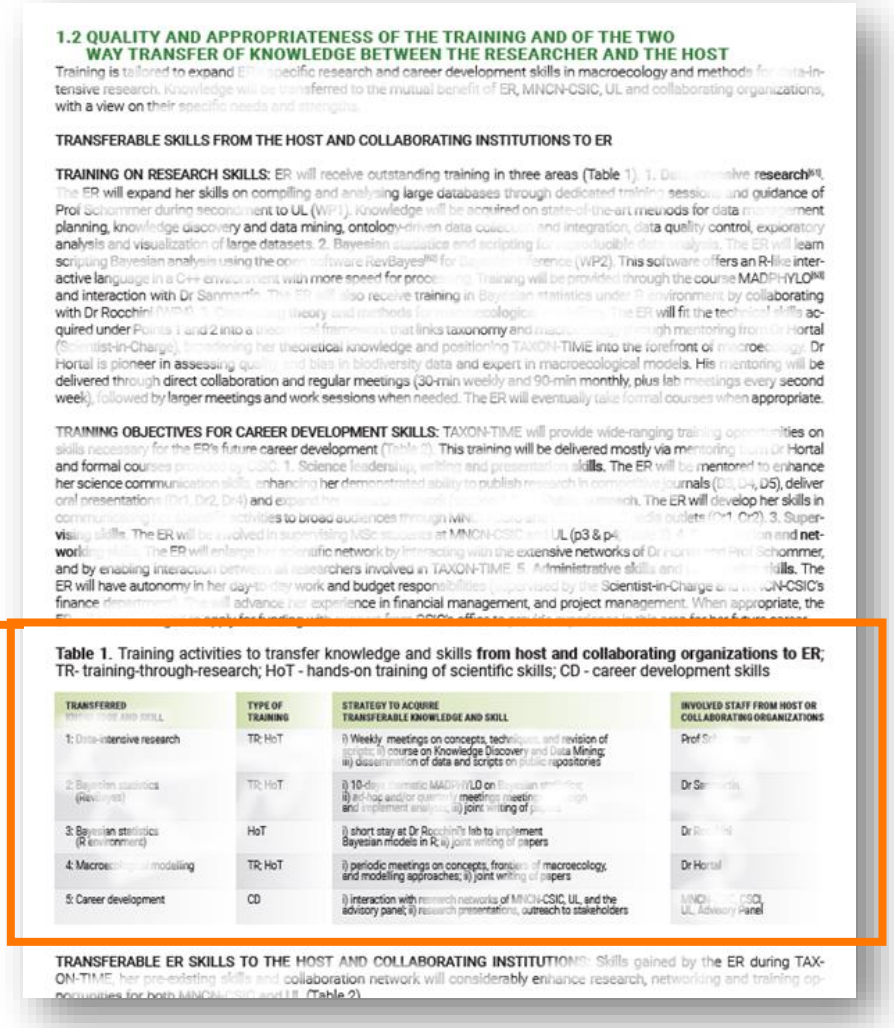
3. Proposta

- **Excellence:** Two-way knowledge transfer

  - Conhecimento ou técnica transferida – O que você vai aprender ou ensinar
  - Tipo do treinamento
  - Estratégia para transferência do conhecimento – Como? Exemplo: curso de 10 dias, reuniões semanais, etc. **Seja muito específico e claro!**
  - Pesquisadores envolvidos – Quem? Nomes das pessoas envolvidas

Página 5 - 6

TREINAMENTO (duas tabelas) da institutição para o candidato do candidato para a instituição



1.2 QUALITY AND APPROPRIATENESS OF THE TRAINING AND OF THE TWO WAY TRANSFER OF KNOWLEDGE BETWEEN THE RESEARCHER AND THE HOST

Training is tailored to expand ER's specific research and career development skills in macroecology and methods for data-intensive research. Knowledge will be transferred to the mutual benefit of ER, MNCN-CSIC, UL and collaborating organizations, with a view on their specific needs and strengths.

TRANSFERABLE SKILLS FROM THE HOST AND COLLABORATING INSTITUTIONS TO ER

TRAINING ON RESEARCH SKILLS: ER will receive outstanding training in three areas (Table 1). 1. Data-intensive research[WP1]. The ER will expand her skills on compiling and analysing large databases through dedicated training sessions and guidance of Prof Schrodt during secondment to UL (WP1). Knowledge will be acquired on state-of-the-art methods for data management planning, knowledge discovery and data mining, ontology-driven data collection and integration, data quality control, exploratory analysis and visualization of large datasets. 2. Bayesian statistics and scripting for reproducible data analysis. The ER will learn scripting Bayesian analysis using the open software RevBayes[WP2] for Bayesian inference (WP2). This software offers an R-like interactive language in a C++ environment with more speed for processing. Training will be provided through the course MADPHYLO[WP2] and interaction with Dr Sanmartín. The ER will also receive training in Bayesian statistics under R environment by collaborating with Dr Rocchini[WP2]. Training in theory and methods for macroecological models will fit the technical skills acquired under Points 1 and 2 into a theoretical framework that links taxonomy and macroecology through mentoring from Dr Hortal (Scientist-in-Charge), broadening her theoretical knowledge and positioning TAXON-TIME into the forefront of macroecology. Dr Hortal is pioneer in assessing quality and bias in biodiversity data and expert in macroecological models. His mentoring will be delivered through direct collaboration and regular meetings (30-min weekly and 90-min monthly, plus lab meetings every second week), followed by larger meetings and work sessions when needed. The ER will eventually take formal courses when appropriate.

TRAINING OBJECTIVES FOR CAREER DEVELOPMENT SKILLS: TAXON-TIME will provide wide-ranging training opportunities on skills necessary for the ER's future career development (Table 2). This training will be delivered mostly via mentoring from Dr Hortal and formal courses provided by CSIC. 1. Science leadership, written and presentation skills. The ER will be mentored to enhance her science communication skills, enhancing her demonstrated ability to publish research in competitive journals (D3, D4, D5), deliver oral presentations (Dr1, Dr2, Dr4) and expand her research. The ER will develop her skills in communicating science activities to broad audiences through MN... outlets (Cr1, Cr2). 3. Supervising skills. The ER will be involved in supervising MSc students at MNCN-CSIC and UL (p3 & p4). 4. Networking. The ER will enlarge her scientific network by interacting with the extensive networks of Dr Hortal and Prof Schrodt, and by enabling interaction between researchers involved in TAXON-TIME. 5. Administrative skills and ...kills. The ER will have autonomy in her day-to-day work and budget responsibilities supervised by the Scientist-in-Charge and MNCN-CSIC's finance department. She will advance her experience in financial management, and project management. When appropriate, the ...

Table 1. Training activities to transfer knowledge and skills **from host and collaborating organizations to ER**; TR- training-through-research; HoT - hands-on training of scientific skills; CD - career development skills

TRANSFERRED	TYPE OF TRAINING	STRATEGY TO ACQUIRE TRANSFERABLE KNOWLEDGE AND SKILL	INVOLVED STAFF FROM HOST OR COLLABORATING ORGANIZATIONS
1: Data-intensive research	TR; HoT	i) Weekly meetings on concepts, techniques and revision of scripts; ii) course on Knowledge Discovery and Data Mining; iii) dissemination of data and scripts on public repositories	Prof Sch...
2: Bayesian statistics (RevBayes)	TR; HoT	i) 10-day intensive MADPHYLO on Bayesian statistics; ii) ad-hoc and/or quarterly meetings meetings and implement analyses; iii) joint writing of ...	Dr San...
3: Bayesian statistics (R environment)	HoT	i) short stay at Dr Rocchini's lab to implement Bayesian models in R; ii) joint writing of papers	Dr Roc...
4: Macroecological modelling	TR; HoT	i) periodic meetings on concepts, frontiers of macroecology, and modelling approaches; ii) joint writing of papers	Dr Hortal
5: Career development	CD	i) interaction with research networks of MNCN-CSIC, UL, and the advisory panel; ii) research presentations, outreach to stakeholders	MNCN-CSIC, UL, Advisory Panel

TRANSFERABLE ER SKILLS TO THE HOST AND COLLABORATING INSTITUTIONS: Skills gained by the ER during TAXON-TIME, her pre-existing skills and collaboration network will considerably enhance research, networking and training opportunities for both MNCN-CSIC and UL (Table 2).

3. Proposta

- Excellence
- Impact
- Implementation

Interpretação das notas:

0 – *The* ***proposal fails to address the criterion*** *or cannot be assessed due to missing or incomplete information.*
1 – Poor. *The criterion is inadequately addressed, or there are serious inherent weaknesses.*
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4 – Very good. *The proposal addresses the criterion very well, but a small number of shortcomings are present.*
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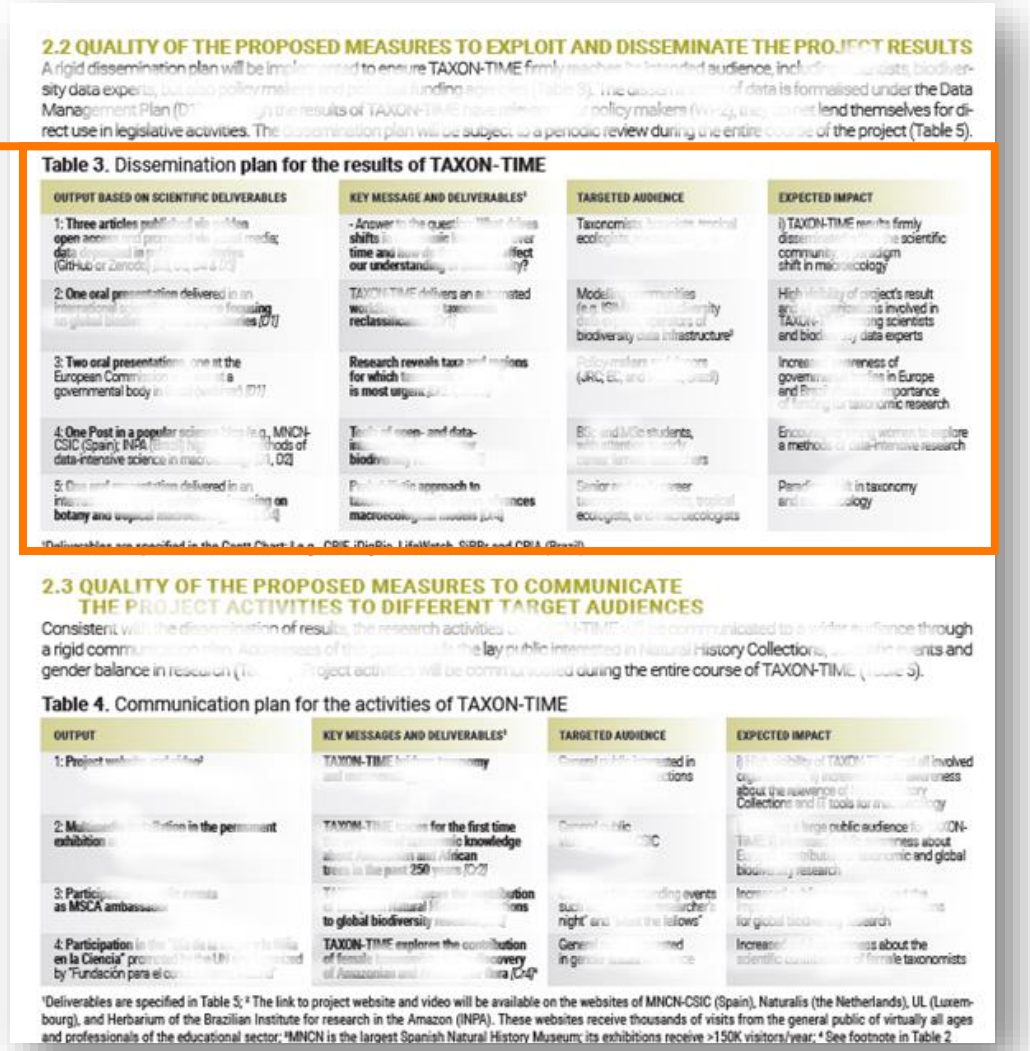
Garantir mínimo 4.7

3. Proposta

- **Impact:** Dissemination & Exploitation
  - Produtos derivados dos resultados científicos – Incluir referência aos produtos mencionados nos WPs
  - Mensagem principal
  - Público alvo – Quem são os interessados nos resultados? Comunidade científica de que área específica (modeladores)? Em que estado da carreira?
  - Impacto esperado – Exemplo: visibilidade do projeto (Onde? Para quem?), aumentar conscientização sobre um tema específico

Página 8

Dissemination (uma tabela)



2.2 QUALITY OF THE PROPOSED MEASURES TO EXPLOIT AND DISSEMINATE THE PROJECT RESULTS

A rigid dissemination plan will be implemented to ensure TAXON-TIME firmly reaches its intended audience, including biodiversity data experts, but also policy makers and practitioners (Table 5). The dissemination of data is formalised under the Data Management Plan (DMP), and the results of TAXON-TIME have the potential to lend themselves for direct use in legislative activities. The dissemination plan will be subject to a periodic review during the entire course of the project (Table 5).

Table 3. Dissemination plan for the results of TAXON-TIME

OUTPUT BASED ON SCIENTIFIC DELIVERABLES	KEY MESSAGE AND DELIVERABLES[1]	TARGETED AUDIENCE	EXPECTED IMPACT
1: Three articles published in open access and promoted via social media; data deposited in [illegible] (GitHub or Zenodo)	- Answer to the question: How do shifts in [illegible] time and [illegible] affect our understanding [illegible]?	Taxonomists, [illegible] ecologists	i) TAXON-TIME results firmly disseminated to the scientific community; [illegible] shift in macroecology
2: One oral presentation delivered in an international [illegible] focusing on global biodiversity [illegible] (D1)	TAXON-TIME delivers an updated [illegible] reclassification [illegible]	Modellers [illegible] biodiversity data infrastructure[2]	High [illegible] of project's results [illegible] is involved in TAXON-[illegible] scientists and biodiversity data experts
3: Two oral presentations at the European Commission [illegible] a governmental body [illegible] (D1)	Research reveals taxonomic [illegible] for which [illegible] is most urgent [illegible]	[illegible] (JRC, EC, and [illegible])	Increased awareness of governmental [illegible] in Europe and Brazil [illegible] importance of [illegible] taxonomic research
4: One Post in a popular science blog, MNCN-CSIC (Spain); INPA [illegible] methods of data-intensive science in macroecology [illegible], D2)	Training [illegible] and data-intensive biodiversity [illegible]	BSc and MSc students, [illegible]	Encouraging women to explore a methodology [illegible] data-intensive research
5: One oral presentation delivered in an international [illegible] meeting on botany and [illegible]	Presentation of the approach to [illegible] macroecology [illegible]	Senior [illegible] ecologists, [illegible] ecologists	Participation in taxonomy and [illegible] ecology

[1]Deliverables are specified in the Gantt Chart (e.g., GBIF iDigBio, LifeWatch, SiBBr and ORIA (Brazil)).

2.3 QUALITY OF THE PROPOSED MEASURES TO COMMUNICATE THE PROJECT ACTIVITIES TO DIFFERENT TARGET AUDIENCES

Consistent with the dissemination of results, the research activities of TAXON-TIME will be communicated to a wider audience through a rigid communication plan. Addressees of the communication activities will be the lay public interested in Natural History Collections, early career researchers and gender balance in research (i.e. project activities will be communicated during the entire course of TAXON-TIME (Table 5).

Table 4. Communication plan for the activities of TAXON-TIME

OUTPUT	KEY MESSAGES AND DELIVERABLES[1]	TARGETED AUDIENCE	EXPECTED IMPACT
1: Project website and video[2]	TAXON-TIME [illegible]	General [illegible] interested in [illegible]	[illegible] of TAXON-TIME [illegible] involved [illegible] awareness about the relevance of [illegible] Collections and its tools for [illegible]
2: Multimedia installation in the permanent exhibition [illegible]	TAXON-TIME [illegible] for the first time [illegible] knowledge [illegible] African [illegible] the past 250 [illegible]	General public [illegible]	[illegible] large public audience [illegible] TAXON-TIME [illegible] awareness about [illegible] and global biodiversity [illegible]
3: Participation as MSCA ambassadors [illegible]	[illegible] to global biodiversity [illegible]	[illegible] events [illegible] researchers' night' and [illegible] follows'	Increased [illegible] for good [illegible] research
4: Participation in the "Noche en la Ciencia" [illegible] by "Fundación para el [illegible]	TAXON-TIME explores the contribution of female [illegible] discovery of Amazonian [illegible]	General [illegible] in general [illegible]	Increased awareness about the [illegible] female taxonomists

[1]Deliverables are specified in Table 5; [2] The link to project website and video will be available on the websites of MNCN-CSIC (Spain), Naturalis (the Netherlands), UL (Luxembourg), and Herbarium of the Brazilian Institute for research in the Amazon (INPA). These websites receive thousands of visits from the general public of virtually all ages and professionals of the educational sector; [3]MNCN is the largest Spanish Natural History Museum; its exhibitions receive >150K visitors/year; [4] See footnote in Table 2

3. Proposta

- Excellence
- Impact
- **Implementation**

Interpretação das notas:

0 – *The* ***proposal fails to address the criterion*** *or cannot be assessed due to missing or incomplete information.*
1 – Poor. *The criterion is inadequately addressed, or there are serious inherent weaknesses.*
2 – Fair. *The proposal broadly addresses the criterion, but there are significant weaknesses.*
3 – Good. *The proposal addresses the criterion well, but a number of shortcomings are present.*
4 – Very good. *The proposal addresses the criterion very well, but a small number of shortcomings are present.*
5 – Excellent. *The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.*

Garantir mínimo 4.7

3. Proposta

- **Implementation**
  - Gannt Chart organizado por WP
  - Incluir atividades de disseminação e organização do projeto (e.g., planejamento de riscos, relatórios)
  - Usar os mesmos termos utilizados na descrição dos métodos e análises
  - **Google: Gantt Chart Templates**

Página 9

Gantt Chart (uma tabela)

Table 5. Work plan of TAXON-TIME. Person-month (pm): one person-month equals 168 hours of work; i.e. 21 days of 8 working

Main research / training activities	Project members involved in task* (pm)									Year 1															
	ER	SiC	SS	LB	GD	DR	IS	HtS	Σ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WP1: COMPILATION OF T4-DB											M1													
i. Compilation [illegible]-checklist	0.9				0.1			0.1	1.1	0.5	0.4													
ii. Lit. review (proxy quality sp. description)	0.9	0.5							1.4	0.5	0.4		D1				M3							
iii. Data [illegible] compilation (JL)**	5.9		1.0		0.1			0.1	7.1		M2	1	1	1	1	1	0.9						D2	
WP2: TAXONOM[illegible] DISCOVERIES AND REVISIONS												T1							M4					
i. Integr. of geo-[illegible] sp. into T4-DB	0.6								0.6									0.3	0.3	M5				
ii. Compilation of land-cover data	0.5			0.1					0.6									0.2		0.3	M6			
iii. Charac.-[illegible] divers.-rate models	1.5						0.8		2.3										0.5	0.5	0.5	M7		
iv. Interpolation and ov[illegible] analysis	0.4			0.2					0.6										T2		0.2	0.2	D3	
v. Writing scientific article	2.3	1.0	0.5	0.3	0.3		0.2	0.2	5.3								0.1	0.1	0.2	0.2	0.3	0.8	0.6	
WP3: MAC[illegible]ELS																								M9
i. Integration of sp. abundance into T4-DB	0.9							0.2	1.2														0.1	0.3
ii. Models of chang[illegible]ucture	1.4	0.5							1.9															0.1
iii. Writing scientific article	2.1	1.0	0.5		0.3			0.2	4.1															0.1
WP4: BIODIVERSITY F[illegible]TES																								
i. An[illegible]on time series regression	1.8					0.3			2.1															
ii. Writing scientific article	3	1.0	0.5		0.2	0.3		0.2	5.2															
TOTAL person-month	22	4.0	2.5	0.6	1.0	0.6	1.0	1.0		1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	1.0	0.7	1.0
WP5: DISSEMINATION AND COMMUNICATION																								
i. Dissemination and Communication of results	1	0.2							1.2		Cr1							Dr1	Cr2			Dr2.1	Dr2.2	
WT: PROJECT MANAGEMEMT																								
i. Organisation and management	Included above									O1	O2						O3						O4	
ii. Progress reporting											Pr1				Pr1				Pr1		DT1	Pr1		
ii. Progress monitoring										P1	P2		P2	P1		P2		P1	P2		P1		P2	P1
											Research				Training through research						T	Dedicated tra		

*ER; SiC (Scientist-in-Charge) - Dr Hortal; SS (Supervisor during secondment) - Prof [illegible]; LB - Dr [illegible]; GD - Dr Daubi; DR - Dr [illegible]; IS - Dr [illegible]; HtS - Prof ter Steege. **Activity duri

• Milestones [M] – [M1] Check lists of AFR AMZ trees compiled; [M2] Proxy of quality of species description defined based in a literature review; [M3] T4-DB compiled; [M4] Ge
Land-cover data compiled; [M6] Character-dependent diversification-rate models built; [M7] Spatial Interpolation of nomenclatural stability performed; [M8] Data on field species
change in community structure built; [M10] Bayesian time series analysis performed.

3. Proposta

- **Layout**
  - Crie um logo
  - Seja criativo (ou peça ajuda) com o layout
  - Destaque partes do texto em negrito, inclua tabelas, caixas de texto, figuras

START PAGE COUNT – MAX 10 PAGES

1 EXCELLENCE

TAXON-TIME

1.1 QUIS NOSTRUD EXERCITATION ULLAMCO

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2 IMPACT

TAXON-TIME

2.1 QUIS NOSTRUD EXERCITATION ULLAMCO

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3 IMPLEMENTATION

TAXON-TIME

3.1 QUIS NOSTRUD EXERCITATION ULLAMCO

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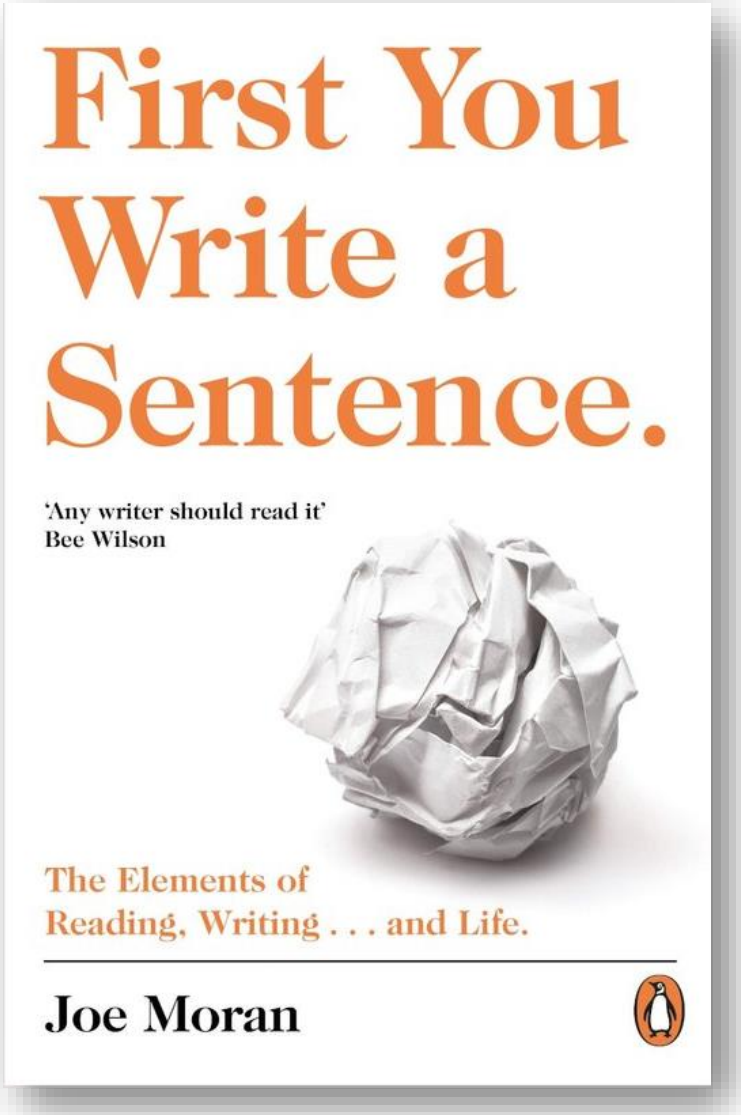
5. Dicas para a escrita

- O acrónimo do projeto deve ser fácil de lembrar e pronunciar (Google “acronym genertor”)

- A proposta deve estar bem amarrada – inclua referências aos produtos finais em toda a proposta
- Durante toda a escrita: revisões e discussões de correções com um colega animado!
- Durante a faze final: revisões e correções diárias com o orientador

5. Dicas para a escrita

- Learn to love the full stop.
- Vary the length of your sentences.
- Shorten your paragraphs.
- Using mostly short words in a sentence has a happy side effect: a richer pattern of sounds.
- When the vowel sounds vary and there are lots of stresses syllables, each word seems distinct from its neighbours. Every word counts.
- … fewer writers notice a bigger problem: repeated sounds.
- Writing drifts into obscurity when it overuses a certain kind of abstract noun: a nominalization".



Webinar

Informação sobre oportunidades para pós-doutoramento com financiamento da Comissão Europeia

Richard Ladle
ERA-Chair, Tropibio
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Juliana Stropp
Bolseira MSCA, TAXON-TIME
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TAXON-TIME

Obrigada!

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