



TECHNOLOGICKÉ
CENTRUM AV ČR

VÝZVY ERA CHAIRS A TWINNING 2020

SEMINÁŘ VÝZVA 2020 – CVTI SR, BRATISLAVA

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WP 2018 - 2020

- Work Programme (WP) 2018 – 2020 published by EC on 27 October 2017
- part 15 - Spreading Excellence and Widening Participation, SEWP (final version of 2 July 2019)
https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-sewp_en.pdf
- SEWP budget 2018-2020: app. MEUR 474
- Budget for 2020: MEUR 146,8
- ERA Chairs 2020 (last call): MEUR 50
- TWINNING 2020 (last call): MEUR 69

WHY SEWP IN H2020

- significant internal disparities of research and innovation performance in the EU
- some countries have low participation in the EU Framework Programmes because of:
 - insufficient national R&D investments
 - lack of synergies between national research systems and EU research landscape
 - system learning effects
 - reduced access to international networks
 - problems with information, communication and training

ELIGIBLE COUNTRIES

- Specific geographical conditions (specifické geografické podmínky)
 - Composite Indicator of Research Excellence - sdružený indikátor výzkumné excelence (publications, top institutions, patents and ERC grants) with a corrective threshold of 70% of the EU average – detailed info [here](#) (p 321)
 - Low R&I performing or Widening countries (země méně výkonné ve VaI): 27
 - 15 MS (Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia)
 - 12 AC (Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, North Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine)
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LAST SEWP CALLS

MEASURE	CODE	OPENING	DEADLINE	BUDGET 2019 (MEUR)	BUDGET 2020 (MEUR)
TWINNING	WIDESPREAD-05-2020	24. 7. 2019	14. 11. 2019		69
ERA Chairs	WIDESPREAD-06-2020	24. 7. 2019	14. 11. 2019		50
WIDENING FELLOWSHIPS	WF-02-2019	11. 4. 2019	11. 9. 2019	6	
	WF-03-2020	8. 4. 2020	9. 9. 2020		7
BUDGET				6	126
TOTAL				132	

WHAT IS ERA CHAIR?

Projekty ERA Chairs se zaměřují na vytvoření „specializovaných vědeckých míst Evropského výzkumného prostoru“ k přilákání vynikajících akademických pracovníků do institucí s jednoznačným potenciálem k excelenci ve výzkumu s cílem pomoci jim tento potenciál plně využít, a vytvořit tak v ERA rovné podmínky pro výzkum a inovace. Zahrnuta je institucionální podpora pro vytváření konkurenceschopného výzkumného prostředí a rámcových podmínek, jež jsou nezbytné pro přilákání, udržení a rozvoj špičkových výzkumných talentů v těchto institucích.

ERA CHAIRS 2020

WIDESPREAD-06-2020 (ERA CHAIRS)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/widespread-06-2020>

SPECIFIC CHALLENGE (specifická výzva):

- persistent mobility barriers in Widening countries (availability of research funding, institutional rigidities, access to resources) ► creation of appropriate conditions for the mobility of high quality researchers and managers
- willingness to achieve excellence in the chosen scientific domain and modification of R&I landscape

SCOPE (zaměření):

- attracting and maintaining high quality human resources under the direction of the ERA Chair holder
 - implement structural changes to achieve excellence on a sustainable basis
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PROPOSAL CONTENT 1

- ✓ SWOT analysis (basis of each proposal)
- ✓ structural changes
- ✓ conditions to foster excellent research
- ✓ compliance with [ERA priorities](#) (incl. Charter and Code)
- ✓ description of necessary investments in research projects, facilities and infrastructures and how to achieve them (e.g. through Cohesion funds)
- ✓ better use of installed research capacity (in particular EU co-funded RIs and facilities – **making full use of them will be an asset**)
- ✓ change in current practices induced by proposed activities

PROPOSAL CONTENT 2

- ✓ appointment of ERA Chair at the beginning of the project (ASAP) following an open, transparent and merit-based recruitment process monitored by EC
- ✓ internal mobility is excluded (allowed only exceptionally and must be duly justified)
- ✓ ERA Chair profile and position:
 - excellent researcher and manager with a proven record of effective leadership
 - establishing their own research team fully integrated in the institution to improve research performance and obtaining of competitive funding
 - adequate position allowing him/her to make resource allocation decisions, supervise team members and freely apply for research funding

PROPOSAL CONTENT 3

- ✓ ERA Chair profile and position (cont.)
 - open to all EU and non-EU nationals matching the profile R3 Established Researcher or R4 Leading Researcher – [European Framework for Research Carriers](#))
 - commitment for the whole project duration
 - appointment in a full-time position (permanent or non-permanent) in accordance with the national legislation of widening institution
 - letter of the head of institution included within proposal (for assessing the commitment of the institution and feasibility of ERA Chair tasks):
 - his/her role
 - level of responsibility
 - obligations
 - remuneration package, and
 - criteria on which the level of remuneration has been established

PROPOSAL CONTENT 4

- ✓ Clear provisions to ensure sustainability (e.g. sustainability plan):
 - ❖ ERA Chair and his team continue within the institution, or
 - ❖ transitional arrangements to ensure implementation in the future
 - ✓ **dedicated WP or task for improving research management and administration skills** (specific activities helping the staff of the Widening institution to improve their proposal preparation and project management and administration skills; **setting up/upgrading a special unit would be beneficial** (by involving ERA Chair and fully utilising his/her experience) **and is expected to be a concrete deliverable**)
 - ✓ if the coordinating entity has already been funded under other H2020 ERA Chairs calls, these projects **need to be described = clearly demonstrate added value and impact** of the proposal in achieving the ERA Chair objectives, in comparison to the already funded project
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PROPOSAL CONTENT 5

EXPECTED IMPACT:

- ✓ institutional changes allowing full participation in ERA
- ✓ increased attractiveness of the institution for internationally excellent and mobile researchers (including compliance with ERA priorities like:
 - open recruitment policy
 - gender balance
 - peer review
 - innovative doctoral training
- ✓ increased research excellence of the institution in specific field covered by grant holder illustrated quantitatively and qualitatively through indicators such as:
 - expected future publications in peer reviewed journals
 - collaboration agreements with businesses
 - intellectual property
 - new innovative products or services

PROPOSAL CONTENT 6

EXPECTED IMPACT - continued:

- ✓ improved capability to compete successfully for internationally competitive research funding

OTHER IMPORTANT ISSUES

- ✓ complementarity with the European Structural and Investment Funds (ESI Funds), including support for Smart Specialisation Strategy
- ✓ Responsible Research and Innovation (RRI) – engaged society, gender and ethical dimensions, access to research outcomes and encouraging formal and informal science education

PROPOSAL CONTENT 7

ETHICS

- ethical dimension of the activities undertaken should be analysed and taken into account during the implementation including relevant socioeconomic implications
 - this implies:
 - ✓ respect of ethical principles
 - ✓ related legislation
 - ✓ better understanding and handling of the ethical aspects
 - ✓ promotion of highest ethical standards in the field and among the actors and stakeholders
 - ✓ **personal data protection and privacy**
 - ✓ **protection of participants and researchers, ensuring informed consent**
 - ✓ dual use
 - ✓ potential misuse of the research results,
 - ✓ fair benefit sharing when developing countries are involved
 - ✓ environment protection, etc.
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ELIGIBILITY AND ADMISSIBILITY CONDITIONS (podmínky způsobilosti a přípustnosti)

- described in General Annexes B and C of the work programme with following exceptions:
 - ✓ coordinator from Widening country
 - ✓ single applicant – mono-beneficiary action
 - ✓ requested EU contribution shall not exceed **a maximum of MEUR 2,5** for a period of up to **6 years**

CHANGE IN PRIORITISATION OF EX AEQUO PROPOSALS (řazení návrhů se shodným počtem bodů)

- Aim: better spread of impact across Widening countries
- Prioritisation based on sub-criteria applied in the following order:
 - proposals from Widening countries not otherwise covered by more highly-ranked proposals
 - approach described in Annex H, para 3b to 3e (scores in Excellence, followed by Impact, budget for SMEs and gender balance of consortia)
- Will be applied successively for every group of ex aequo proposals starting with the highest scored group

ERA CHAIRS 2020

RECAPITULATION (shrnutí):

- Type of action: Coordination and Support Action (CSA)
- Consortium agreement: NO
- **Duration: up to 6 years**
- **Opening: 24 July 2019**
- **Deadline: 14 November 2019 (5 p.m. CET)**
- Budget per project: MEUR 2,5 max.
- Budget of the call: MEUR 50
- **Approximate no. of successful projects: 20**

WHAT IS TWINNING?

Prostřednictvím grantů TWINNING je podporováno partnerství méně výkonných výzkumných institucí a minimálně dvou zahraničních partnerů, kteří v dané oblasti zastávají v mezinárodním měřítku vedoucí postavení. Primárně se tedy jedná o institucionální networking, který napomáhá přenosu znalostí, dovedností a výměně osvědčených praktik, a tím stimuluje zvýšení kvality výzkumných kapacit. Projekty cílí na jasně vymezené specifické oblasti výzkumu, kterou méně výkonná instituce považuje za svou prioritu a ve které chce dosáhnout podstatnějšiho pokroku. Předkladatelé projektových návrhů musí prostřednictvím indikátorů zhodnotit současnou situaci a detailně uvést, jak se zvýší výkonnost instituce nejen těsně po ukončení projektu, ale i v předvídatelné budoucnosti.

TWINNING 2020

WIDESPREAD-05-2020 (TWINNING)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/widespread-05-2020>

SPECIFIC CHALLENGE (specifická výzva):

- enhance networking activities between Widening research institutions and at least 2 internationally-leading counterparts from 2 different Member States or Associated Countries
- break into the closed clubs of research intensive institutions cooperating among themselves

SCOPE (zaměření):

- enhance S&T capacity of the linked institutions with a principal focus on Widening institution
- help raise the research profile of the Widening institution as well as the research profile of its staff

PROPOSAL CONTENT 1

CONTENT OF THE PROPOSAL (obsah návrhu):

- ✓ SWOT analysis (basis of each proposal)
- ✓ scientific strategy for stimulating scientific excellence and innovation capacity:
 - arrangements for formulating joint research projects
 - enlargement of the scope of research partnership to take this research into a new stage
 - outline any links with sustainable development objectives
 - set of activities including at least the following
 - short-term staff exchange
 - expert visits,
 - short-term on-site or virtual trainings
 - workshops,
 - conference attendance,
 - joint summer schools type activities
 - dissemination and outreach

PROPOSAL CONTENT 2

- ✓ scientific quality of partners and complementarity of the consortium
- ✓ **dedicated WP or task** targeting early stage researchers - ESR (MSCA definition) from coordinating institution describing activities dedicated to ESR that could include training, mentoring and networking measures with a special focus on the promotion of gender equality among ESR

Early stage researchers shall, at the time of recruitment by the host organisation, be in the first four years (fulltime equivalent research experience) of their research careers and have not been awarded a doctoral degree. Fulltime equivalent research experience is measured from the date when the researcher obtained the degree entitling him or her to embark on a doctorate, (either in the country in which the degree was obtained or in the country in which the researcher is recruited) even if a doctorate was never started or envisaged. Part-time research experience will be counted pro-rata.

PROPOSAL CONTENT 3

- ✓ **dedicated WP or task for improving research management and administration skills** (specific activities helping the staff of the Widening institution to improve their proposal preparation and project management and administration skills; **setting up/upgrading a special unit would be beneficial** (by fully utilising the experience and best practices of partners) **and is expected to be a concrete deliverable**)
- ✓ if the coordinating entity has already been funded (as a coordinator) under other H2020 Twinning calls, these projects **need to be described = clearly demonstrate added value and impact** of the proposal in achieving the Twinning objectives, in comparison to the already funded project

PROPOSAL CONTENT 4

EXPECTED IMPACT (očekávaný dopad):

- increased research excellence of the coordinating institution in particular field of research
- enhancing reputation, attractiveness and networking channels of the coordinating institution
- improved capability to compete successfully for national, EU and internationally competitive research funding
- illustrate quantitatively and qualitatively expected potential impact within the institution (and possibly at regional/national level) based on indicators, like:
 - expected future publications in peer reviewed journals
 - collaboration agreements with businesses
 - intellectual property
 - new innovative products or services

PROPOSAL CONTENT 5

EXPECTED IMPACT - continued:

- contribution of leading partners to providing new research avenues, creativity and development of new approaches and acting as source for increased mobility of qualified scientists (in- and outwards)
- benefits for leading partners and the way they would materialise through the partnership should be substantiated

OTHER IMPORTANT ISSUES

- complementarity with the European Structural and Investment Funds (ESI Funds), including support for Smart Specialisation Strategy
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PROPOSAL CONTENT 6

ETHICS

- ethical dimension of the activities undertaken should be analysed and taken into account during the implementation including relevant socioeconomic implications
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 - ✓ environment protection, etc.
-

ELIGIBILITY AND ADMISSIBILITY CONDITIONS (podmínky způsobilosti a přípustnosti)

- described in General Annexes B and C of the work programme with following exceptions:
 - ✓ coordinator from Widening country
 - ✓ minimum of 3 participants (coordinator + at least 2 internationally-leading research intensive counterparts coming from 2 different MS or AC other than that of the coordinator)
 - ✓ requested EU contribution shall not exceed **a maximum of MEUR 0,9** for a period of up to 3 years

CHANGE IN PRIORITISATION OF EX AEQUO PROPOSALS (řazení návrhů se shodným počtem bodů)

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- **Budget per project: MEUR 0,9 max.**
- Budget of the call: MEUR 69
- **Approximate no. of successful projects: 77**

RECOMMENDATIONS 1

- SWOT analysis is the basis of a good proposal (be self-critical and especially weaknesses and threats should be well elaborated)
- choose a limited no. of weaknesses and/or threats as objectives and bear in mind that they must correspond to the Work Programme
- objectives should be reflected in WPs, Tasks and Deliverables
- work plan must have logic sequences
- not too high no. of WPs (4 - 6 max., can be more for ERA Chairs)
- roles and responsibilities of people involved in management should be clearly described
- text should be clear and brief, structured in short paragraphs, simple sentences, avoiding buzzwords and too much abbreviations

RECOMMENDATIONS 2

- describe in detail interactions with national/regional authorities, research funders, research bodies, stakeholders and private sector
- make reference to relevant important EU documents and strategies (not only to national ones)
- communication: detailed information is needed (list all stakeholders groups and link them with appropriate communication channel), kick off meeting (WP Management) combine with press conference + lab visit (WP C&D)
- figures should be backed up by statistical data with reference to their source
- define long-term sustainability and continuation of partnership (only for TWINNING)

RECOMMENDATIONS 3

- all 3 parts of the proposal should be balanced, app. same number of pages (Excellence, Impact, Implementation)
- national and regional RIS3 strategies and use of ESI Funds should be mentioned
- ethical dimension of **activities and defined research area** – AVOID ADDING EXTRA WP ON ETHICS by REA
- opt out from Pilot on Open Research Data (makes the implementation easier)
- when resubmitting, do not forget to include new elements
- updated English version of your institution website with direct link to participation in EU and international projects (for evaluators 😊)

USEFUL SOURCES 1

- EC Social Media Guide, April 2018 - [here](#)
- IPR Helpdesk brochure on C-D-E, March 2018 - [here](#)
- blog article by Angela Hengsberger on all aspects of Innovation Management, October 2018 – [here](#)
- IP Management in proposal stage by IPR Helpdesk, 2015 - [here](#)
- Part 2 Impact, FFG AT, December 2017 – [here](#)
- EC Guidance Note on Ethics and Data Protection, November 2018 – [here](#)
- TC AV ČR workshop on TWINNING 2020 presentations, 19 June 2019 – [here](#)

USEFUL SOURCES 2

- EC webinar on TWINNING and ERA Chairs call, 2 September 2019 – [here](#)
 - TC AV ČR workshop on ERA Chairs 2020, 14 October 2019 – registration [here](#)
 - CORDIS database ▶ projects ▶ results (reports, deliverables, publications) – [here](#)
 - **Innovative engagement of public/society:**
 - ❖ Engage2020 Action catalogue (2015), 57 methods focusing on R&I driven by involvement – [here](#)
 - ❖ SPARKS Toolkit of Activities, July 2018, innovative formats of activities for interaction between citizens and researchers – [here](#)
 - ❖ PlayDecide card games - Simple, respectful & fact-based group discussion, 31 languages, 18 topics, more than 350 games - [here](#)
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Děkuji za pozornost.

GOOD LUCK !!!



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