



TECHNOLOGICKÉ
CENTRUM AV ČR

HORIZONT 2020 TWINNING

SEMINÁŘ NA VUT BRNO

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17. 9. 2019

WP 2018 - 2020

- Work Programme (WP) 2018 – 2020 published by EC on 27 October 2017
- part 15 - Spreading Excellence and Widening Participation, SEWP (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 474,64
- Budget for 2019-2020: MEUR 132
- 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 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
- Responsible Research and Innovation (RRI) – engaged society, gender and ethical dimensions, access to research outcomes and encouraging formal and informal science education

PROPOSAL CONTENT 6

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 uznatelnosti 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

TWINNING COSTS

ELIGIBLE (ACCEPTABLE) COSTS

- administration, networking, coordination, training, management, travel (usual CSA costs)
- **costs for equipment and research costs (consumables) - NEW**
 - ✓ can be accepted up to 10% of the total budget requested, and
 - ✓ if they are deemed necessary to fulfil the scope and objective of the project
- **INFRASTRUCTURES COSTS REMAIN TO BE INELIGIBLE**

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

TWINNING 2020

RECAPITULATION (shrnutí):

- Type of action: Coordination and Support Action (CSA)
- Consortium agreement: YES
- Duration: up to 3 years
- **Opening: 24 July 2019**
- **Deadline: 14 November 2019 (5 p.m. CET)**
- **Budget per project: MEUR 0,9 max.**
- Budget of the call: MEUR 69
- **Approximate no. of successful projects: 77**

CALLS 2015 & 2017

COUNTRY CODE	COUNTRY NAME	H2020-TWINN-2015	H2020-TWINN-2017	TOTAL
PT	Portugal	11	8	19
CY	Cyprus	5	5	10
RO	Romania	9		9
CZ	Czech Republic	5	2	7
EE	Estonia	7		7
HR	Croatia	4	3	7
PL	Poland	7		7
RS	Serbia	2	3	5
HU	Hungary	3	1	4
MT	Malta	2	2	4
LV	Latvia	3		3
MD	Moldova	1	2	3
BG	Bulgaria	2		2
LU	Luxembourg	1	1	2
SI	Slovenia	2		2
SK	Slovakia	2		2
TN	Tunisia		2	2
LT	Lithuania		1	1
TR	Turkey	1		1
TOTAL		67	30	97

Source: Daniel Frank, TC CAS

CALL 2018

- Main list – 37 projects
- Reserve list – 5 projects
- Other projects over threshold – 276
- Projects under threshold – 138
- Minimum points needed for a grant: 14
- Main list countries:
 - 7 - PT
 - 5 - EE
 - 4 - CZ
 - 3 - PL, RS
 - 2 - AM, LV, MT, TN
 - 1 - CY, HR, RO, SI, SK, TR, UA

CZECH TWINNING GRANTS

NAME OF COORDINATOR	SECTOR	COUNTRY	H2020 TWINNING CALLS			TOTAL
			2015	2017	2018	
MASARYKOVA UNIVERZITA (3 x CEITEC MU, 1 x PŘF - RECETOX)	HES	CZ	3		1	4
VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE (1 x FPBT, 1x FTOP)	HES	CZ	1		1	2
FYZIKALNI USTAV AV CR V.V.I	REC	CZ	1			1
VYSOKA SKOLA BANSKA - TECHNICKA UNIVERZITA OSTRAVA (1 x FEI)	HES	CZ			1	1
VYSOKE UCENI TECHNICKE V BRNE (1 x CEITEC VUT)	HES	CZ		1		1
TECHNICKA UNIVERZITA V LIBERCI (1 x CxI)	HES	CZ			1	1
UNIVERZITA KARLOVA (1 x PŘF - BIOCEV)	HES	CZ		1		1
TOTAL			5	2	4	11

Source: Daniel Frank, TC CAS

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.)
- 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

RECOMMENDATIONS 3

- all 3 parts 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** (see slide 13) – AVOID ADDING EXTRA WP ON EHTICS 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](#)
- 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 (including Czech), 18 topics, more than 350 games - [here](#)

Děkuji za pozornost.

GOOD LUCK !!!



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