



**Universities of Applied Sciences  
HORIZON 2020 and Beyond**

**Living and Working in the 21<sup>st</sup> Century  
Best Practice**

# Horizon 2020 Funding

**Horizon 2020 is open to innovation, open to science, and open to the world.** The new Work Programme 2016-17 offers funding opportunities through **a range of calls for proposals**, public procurements and other actions like the Horizon Prizes, together **covering nearly 600 topics**. The programme's structure is a reflection of the overall flexibility of Horizon 2020, which focuses on the EU's long-term priorities and the most pressing societal challenges while allowing it to swiftly address emerging problems such as outbreaks of diseases.

**The programme will support a range of cross-cutting initiatives: the modernisation of Europe's manufacturing industry (€1 billion);** technologies and standards for automatic driving (over €100 million); the Internet of Things (€139 million) to address digitalisation of EU industries; **Industry 2020 in the Circular Economy (€670 million)** to develop strong and sustainable economies; and **Smart and Sustainable Cities (€232 million)** to better integrate environmental, transport, energy and digital networks in EU's urban environments

**European Commission Amounts Available 2014-2020**  
**The amounts available from some of the 2014–20 European Commission Programmes**

<b>Total*** Heading and programmes**</b>	<b>amount 2014-2020 (in billion euro)</b>
European satellite navigation systems (EGNOS and Galileo)	6.96
<b>Horizon 2020</b>	<b>77.02</b>
<b>Competitiveness of enterprises and SMEs (COSME)</b>	<b>2.25</b>
<b>Education, training, youth and sport (Erasmus +)</b>	<b>14.79</b>
<b>Employment and social innovation</b>	<b>0.93</b>
Customs, Fiscalis and anti-fraud	0.90
<b>Connecting Europe Facility</b>	<b>33.25</b>
<b>Economic, social and territorial cohesion</b>	
Youth Employment Initiative (specific top-up allocation)	3.21
<b>Regional convergence (less developed regions)</b>	<b>182.21</b>
Transition regions	35.32
<b>Competitiveness (more developed regions)</b>	<b>54.37</b>
<b>Global Europe</b>	
Instrument for Pre-accession Assistance (IPA)	11.56
European Neighbourhood Instrument (ENI)	15.58
European Instrument for Democracy and Human Rights (EIDHR)	1.33
Instrument for Stability and Peace	2.30
Common foreign and security policy (CFSP)	2.33
Partnership Instrument (PI)	0.96
<b>Development Cooperation Instrument (DCI)</b>	<b>19.56</b>
Humanitarian aid	6.80
Civil Protection and European Emergency Response Centre (ERC)	0.14
European Voluntary Humanitarian Aid Corps EU Aid Volunteers (EUAV)	0.15
Instrument for Nuclear Safety Cooperation (INSC)	0.33
Macro-financial assistance	0.53
<b>Guarantee fund for external action</b>	<b>1.18</b>

## Before the start: something to think about...

- Developing shared practices on self-evaluation by comparing systems, processes and practice...
- UAS Development Plan...
- UAS “needs” ...
- As a result of this project...we are looking...going to...
- We have a big focus on... improving...
- We will form a link with.... build a relationship with and.... Improve....awareness of other cultures

## ...common mistakes...

- Did not answer the H2020 Call Criterion:

1) Excellence

2) Impact

3) Implementation

- Does not leave an impression of the Call's priorities & "Ignoring" the Call's priorities
- No specific reference/links to management, curriculum, staff development, University priorities
- About an individual not the institution
- No way of judging Impact
- No system for follow-up
- Cannot see how it can be integrated into the Horizon 2020/ EU priorities
- Too brief: "Assuming" ...
- Not strategic/No strategy
- No sustainability & self-sustainability plan/strategy beyond the initial & Horizon 2020 funding



# Best Practice

## Advancing art-science pedagogy: Performing Energy (PE) The Science Theatre

**Performing Energy (PE)** project aim is to develop innovative concept for promoting dialogue about critical issues in energy and climate change amongst students and the general public by integrating science and the performing arts. The Consortium proposed the achievement of following objectives:

- 1) Create an innovative pedagogical approach towards the field of science education by integrating scientific knowledge into an artistic performance
- 2) Promote discussion and knowledge about energy and climate energy among students and the general public, thereby leading to a more informed citizenry
- 3) Leverage and expand scientific research on perceptions, attitudes, and consensus building with respect to energy and climate change
- 4) Inspire students into scientific careers in the field of climate change and sustainable energy. I
- 5) In addition, the more specific ambition of this project is to disseminate Science Theatre methods to a more international audience while developing advanced educational tools that could improve teachers' skills in relation to the increasing demands related to inter-disciplinary and trans-disciplinary teaching. It is clear that the proposed project will enhance European multicultural communication and will contribute to better understanding of the issues in energy and climate change of the participating students, general public, partner organisations and its staff.
- 6) Consortium: Coordinator – **VT**, non-profit org (DK), **International Organization & Regional Environmental Centre** (HU), **3 SMEs** (DK, DK, DE), **4 Universities** (DK, DK, DE, DE)



# Horizon 2020 Call: Science With and For Society SWaFS

**Call identifier:**H2020-SWAFS-2016-17

**Publication date:** 14 October 2015

Horizon 2020

Pillar: Science with and for Society

Work Programme Year: H2020-2016-2017

**Call updates:** 19 December 2016 11:25

**Topic:** SwafS-11-2017: Science education outside the classroom

**Type of Action:** RIA Research and Innovation action

**Deadline Model:** single-stage

**Opening date:** 12 April 2017

**Deadline:** 30 August 2017, 17:00 (Brussels time)

**Topic:** SwafS-12-2017: Webs of Innovation Value Chains and Openings for RRI

**Topic:** SwafS-13-2017: Integrating Society and Science in Innovation – An approach to co-creation

**Topic:** SwafS-14-2017: A Linked-up Global World to RRI



# Outlook to Work Programme 2018-2020

## Europe in a changing world inclusive, innovative and reflective Societies

- Migration and the refugee crisis
- Cultural and technological transformations for human and social progress: Values, identity and belonging
- Human-technology interface Governance for the future

## Science with and for society (SwafS)

- Accelerating and catalysing processes of institutional change
- Building the territorial dimension of SwafS partnerships
- Exploring and supporting citizen science
- Building the knowledge base for SwafS



# Discussion Topic 1

## Warm-up: Exchange Experience in European projects:

How did, or could you, find your Project Partners? What are the **Pros** and **Cons** of those **Consortium building strategies**?

## Discussion Topic 2

How can you identify the European added value of transnational collaboration?

We suggest a networking exercise to be done at the table for a potential collaboration on a EU project about "Living and Working in the 21<sup>st</sup> Century"



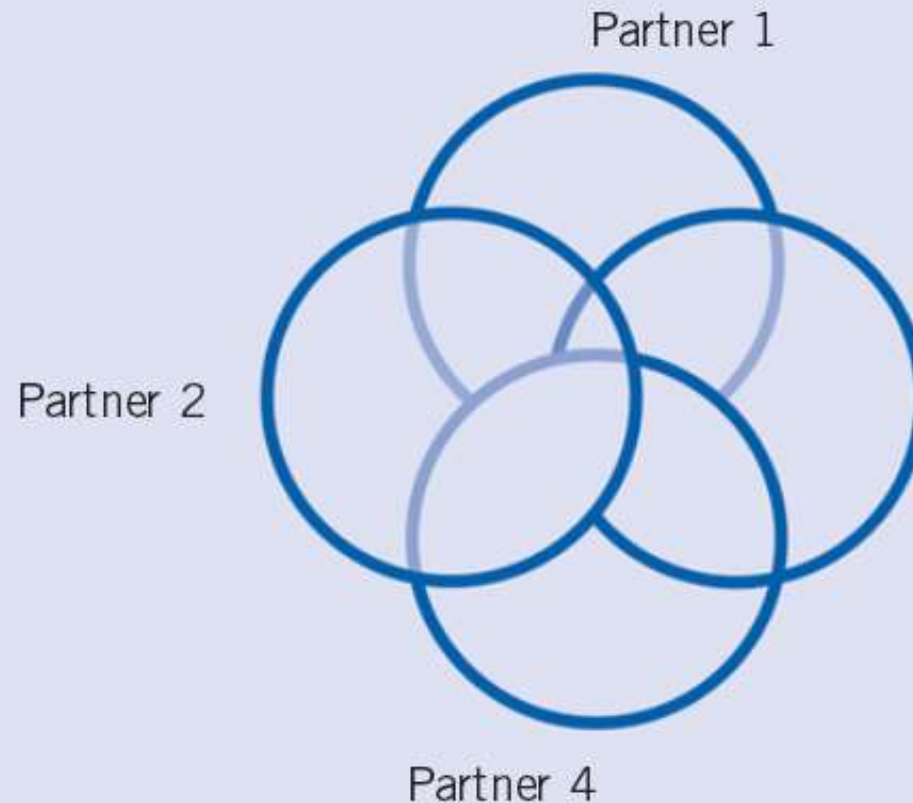
## Discussion Topic 3

What are potential obstacles specific to UAS to engage in European projects and what can be done to overcome them?

Divide the partners from the partnership into groups of four partners. Discuss and try to visualize what you professionally share and don't share (vision, approach, methods ...), using the diagram below (enlarged on A3 pages)

The diagram indicates who shares what with whom, using the circles and overlaps. All groups should report back in a plenary session. The aim is to have an overview of the scope of approaches, methods etc., to find out what binds the group, what is shared, what is common, what is unique and not common...

The European added value is not to find out what is in the middle, but to find out what is on the periphery and worth being brought into the middle.





# Thank You