

Better Health and Care, Economic Growth and Sustainable Health Systems

- The Horizon 2020 open calls in the health sector

Astrid Hoebertz, NCP for Health in Austria

INCOBRA Webinar, 23rd of February 2018

FFG - AUSTRIAN RESEARCH PROMOTION AGENCY



- Funding agency for applied research funding
- appr. 270 headcounts

Division „European and International Programmes“ at FFG

- National competence and service centre, but part of an international and national network
- All NCPs at a single location
- Staff: ca. 35 for H2020 (one NCP per theme, plus experts, EU projects etc.) and about 50 altogether
- Mandate: ensuring, strengthening, enhancing and monitoring the Austrian participation in European programmes
- Speaker today: Astrid Hoebertz, NCP for Health since 2004



CONTENT

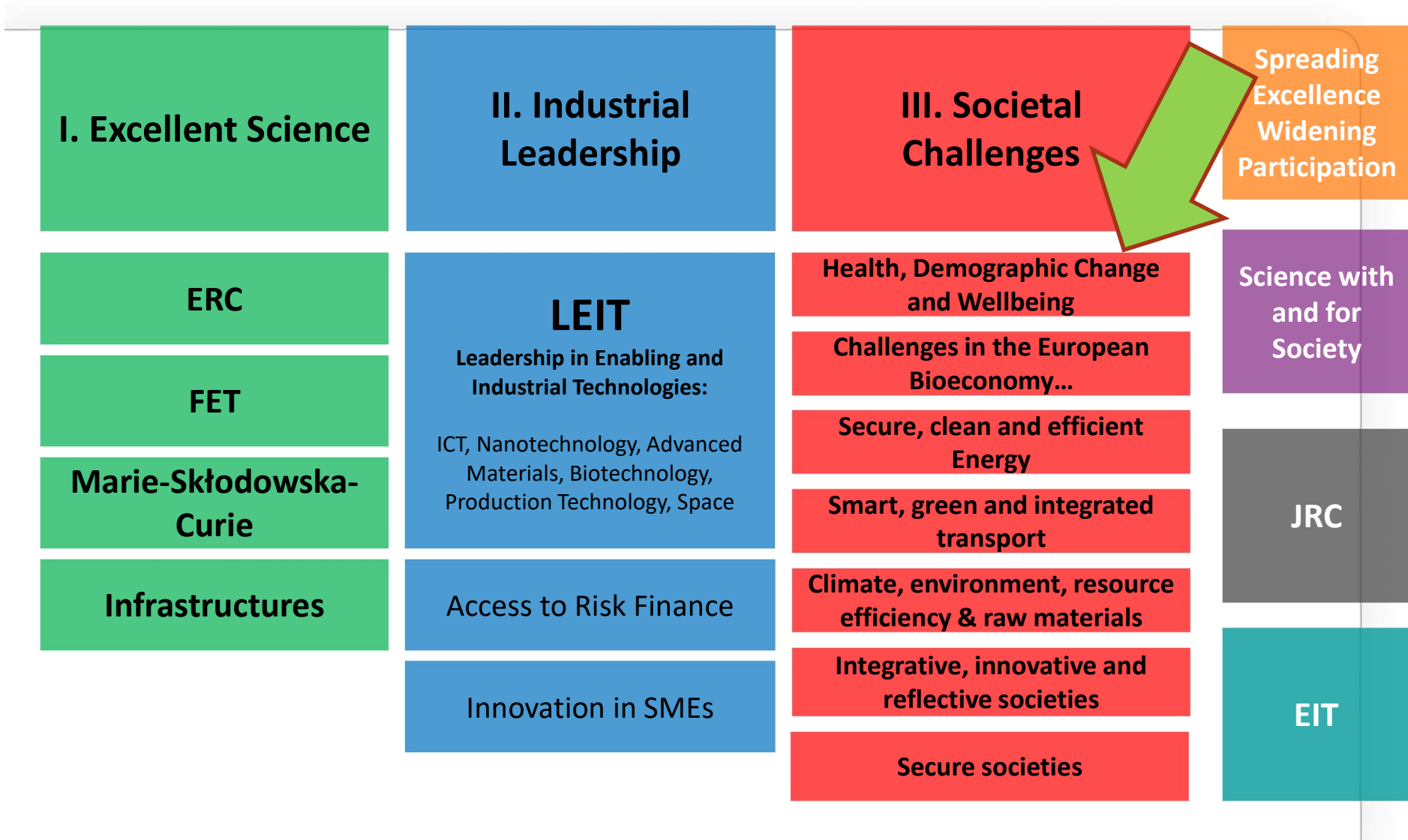


- short introduction to Horizon 2020
- How to participate in Horizon 2020? Basic rules
- Societal Challenge 1: Health, demographic change and wellbeing („Health“), open topics relevant for international cooperation
- How to find partners

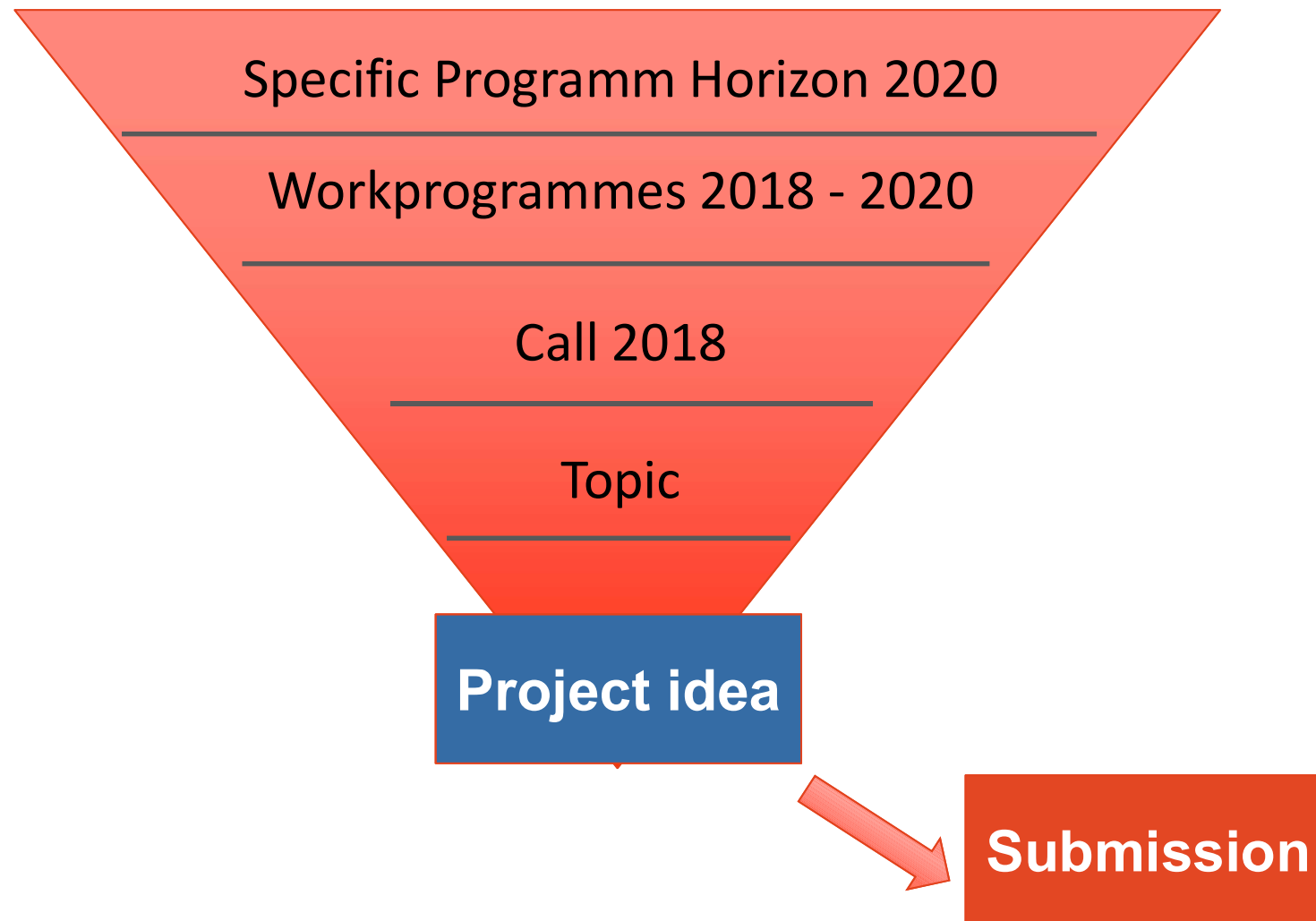
STRUCTURE OF HORIZON 2020



FFG



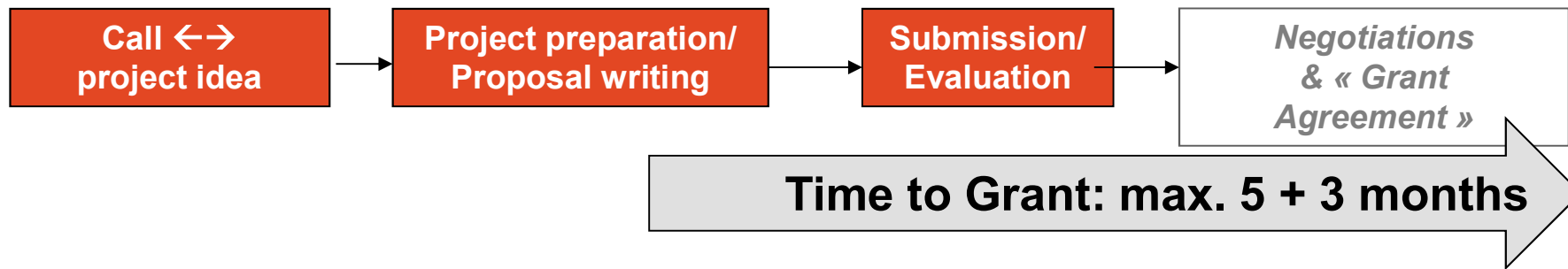
HORIZON 2020: from programm.....to the project!



PROJECT CYCLE



Project Preparation



Project start → *Project Implementation and Monitoring*

EVALUATION CRITERIA



Excellence

Impact

Quality and
efficiency of the
implementation

5

5

5

**Evaluation by independent experts, first remotely, then
consensus meetings in Brussels**

SEARCHING TOPICS IN THE PARTICIPANT PORTAL



FFG

Find relevant topics using the keyword search...

European Commission Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT LOGIN REGISTER

Horizon 2020

Search Topics

FP7 & CIP Programmes

COSME

Other Funding Opportunities

0 Results

Keyword Search: Find a topic SEARCH

If you don't find your topic, you can also use the [free text search](#).

Status

Open Closed Forthcoming

Sort by

Title Call Id Publication Date Deadline Date

In addition, [see all the open calls](#) of Marie Skłodowska-Curie actions (MSCA) and European Research Council (ERC) grants for individual researchers of any nationality and research teams. The MSCA grants include opportunities for companies and SMEs. **The MSCA and ERC grants are not restricted to specific topics.**

Quick finder for topics linked to H2020 cross-cutting priorities:

Cross-cutting Key-Enabling Technologies (KETs) International cooperation
ERA-NET SME Instrument
Gender Socio-economic sciences and humanities
Contractual Public-Private Partnerships (cPPPs)

RESEARCH ON EUROPA CORDIS OLAF

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UNDERSTANDING THE CALL TOPICS: EXAMPLE



PHC 2 – 2015: Understanding diseases: system

Specific challenge: The development of new improved understanding of the often very complex (bio) medicine approaches have the potential to transform a variety of biological and medical research data. A collaborative approach is required to assemble the data from biology, medicine, mathematics, computational science and medicine approaches.

Scope: Proposals should focus on new avenues for identifying phenotypes in multifactorial diseases and/or the development/optimisation and/or application of methods of biomedical and clinical data to produce or refine computational and mathematical approaches. The approaches should be validated in well-phenotyped patient cohorts, taking into account the potential thoroughly investigated.

The Commission considers that proposals requesting EUR 4 and 6 million would allow this specific challenge. Nonetheless, this does not preclude submission of smaller amounts.

Expected impact: This will provide:

- Leverage of existing investments in Europe
- New directions for better disease detection
- Systems medicine tools and approaches that which represent an improvement over existing ones

Type of action: Research and Innovation action

'Specific challenge'

sets the context, the problem to be addressed, why intervention is necessary

'Scope'

delineates the problem, specifies the focus and the boundaries of the potential action BUT without describing specific approaches

'Expected impact'

describes the key elements of what is expected to be achieved in relation to the specific challenge

'Type of action'

OPEN TO THE WORLD



Horizon 2020 is open to participation from
across the world!



WHICH COUNTRIES GET FUNDING BY THE EC THROUGH HORIZON 2020?



Everyone can participate, but the eligibility for funding is according to country groups....

- **EU members, associated countries, low income countries:**
eligible for funding
- **Industrial countries and Emerging economies** (incl. BRIC, Mexiko)
 - ⇒ not eligible for funding, have to find the resources for their part of the action. Several countries have created co-fund mechanisms
 - ⇒ **But:** can receive funding in exceptional circumstances:
 - there is a bilateral agreement between that country and the EU
 - the country is explicitly identified in the relevant call for proposal as being eligible for funding
 - their participation is deemed by the EC to be essential for carrying out the action.

Societal Challenge 1: „Health, demographic change and wellbeing“

Health Headlines 2018-2020



Better health and care, economic growth and sustainable health systems

Personalised medicine – innovative healthcare industry – global health – sustainable and evidence-based health systems



Decoding the role of the environment for health and well-being

Human exposome – global changes and health

International cooperation encouraged!



Digital transformation in Health and Care

eHealth and mHealth – ICT for Active and Healthy Ageing



Trusted Big Data solutions and Cybersecurity for Health and Care

CALL STRUCTURE



1. Call: Better Health and care, economic growth and sustainable health Systems

- Personalised medicine
- Innovative health and care industry
- Infectious diseases and improving global health
- Innovative health and care systems - Integration of care
- Decoding the role of the environment, including climate change, for health and wellbeing

2. Call: Digital transformation in Health and Care

3. Call: Trusted digital solutions and Cybersecurity in Health and Care

CALL DEADLINES



Call 1 - Better Health and care, economic growth and sustainable health systems (BHC)

Call-Opening: October 2017

Deadlines for Submission: **18th of April 2018**

CALL 2018 – SELECTED TOPICS



SC1-BHC-16-2018: Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes

- **What is the Global Alliance for Chronic Diseases?** => “We fund, develop and facilitate innovative research collaborations between low- and middle-income and high-income countries in the fight against chronic diseases” => EC is partner, each year a call with a different focus
- Focus 2018: research associated with the scale-up of interventions for the **prevention and/or management of hypertension and/or diabetes**
- in **low-and middle-income countries, and/or in vulnerable populations in high income countries**
- effective **broad implementation and scale-up of interventions**, programmes and policies to the regional and national level
- must align with commitments or planned commitments at a regional or country level
- **partners:** policymakers, intervention payers, researchers, implementers and beneficiaries => multidisciplinary and cross-sectorial

CALL 2018 – SELECTED TOPICS



SC1-BHC-16-2018: continued

- must build on evidence-based interventions (incl. evidence of cost-effectiveness and affordability)
- selected interventions should have been proven to be equitable, safe, effective and efficient
 - research may cover: identification of best evidence-based interventions
 - definition of optimal scale-up methods
 - evaluation of health outcomes
 - if possible, recommendations to other countries or large regions
 -
- **Research and Innovation Action**
- **ca. 2-4 Mio €/Projekt**

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-bhc-16-2018.html>

CALL 2018 – SELECTED TOPICS



Global Alliance for Chronic Diseases (GACD) – Project examples

- SCALA: Scale-up of Prevention and Management of Alcohol Use Disorders and Comorbid Depression in Latin America (call was on “prevention and management of mental disorders”) (*no website yet, only in Cordis Project database*)
- PRODEMOS: Prevention of Dementia using Mobile phone Applications (*same call*)
- SmokeFreeBrain: Multidisciplinary tools for improving the efficacy of public prevention measures against smoking (call was on “lung diseases”)
<http://smokefreebrain.eu/>
- and many more: search on <https://cordis.europa.eu/project>

CALL 2018 – SELECTED TOPICS



SC1-BHC-18-2018: Translational collaborative cancer research between Europe and the Community of Latin American and Caribbean States (CELAC)

- two-thirds of all cancer deaths occur in low- and middle income countries, incidence and mortality expected to increase by 75% in 2030
- need for evidence through **international, high-quality translational research to tailor cancer control to specific patient groups**
- => **research to improve screening – early detection – diagnosis – and/or prognosis**
- build on diverse genetic backgrounds, risk factors, incidence, environment and/or different health care models in European and CELAC countries

CALL 2018 – SELECTED TOPICS



SC1-BHC-18-2018: continued

- considerations of effectiveness and potential clinical benefit
- molecular, nutritional, clinical, social, environmental epidemiology data from cohorts, registries, etc. may be used
- **in addition to minimum number of European partners, two partners from two different CELAC countries**
- Expected Impact (one example): evidence to national programmes and policies, contribute to Sustainable Development Goals for non-communicable diseases
- **Type of Action: Research and Innovation Action**
- **2-4 Mio € per project**

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-bhc-18-2018.html>

CALL 2018 – SELECTED TOPICS



SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine – Coordination and Support Action

- **What is the International consortium for Personalised Medicine/ICPerMed =>** provides a platform to initiate and support communication and exchange on personalised medicine research, funding and implementation. So far European, plus Canada, but wants to include more international partners in the coming years
- several Coordination and Support Actions under HCO-01-2018/19/20 are open for applications
- **1st Scope => International Aspect**
- To build links with third countries, analyse potential and advantages of collaboration in Personalised Medicine
- To address uptake of personalised approaches in health systems and healthcare
- **2018: CELAC countries! (2019: China) => should include at least one partner from these countries**
- **Type of Action: Coordination and Support Action, 1.5 to 2 Mio €/project**

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-hco-01-2018-2019-2020.html>

CALL 2018 – SELECTED TOPICS



SC1-HCO-06-2018: Establishment of an International Network of Social Sciences Research Centres to help address governance and other challenges in the preparedness for and the response to infectious threats

- Many global infectious disease outbreaks enabled, accelerated and allowed to spread by shortcomings in governance at all levels
- Communities would be better prepared to respond to infectious threats if efforts and structures were informed by research evidence from the range of social sciences and humanities disciplines
- => need to establish an international Network of Social Sciences Research Expertise, to better address governance and other challenges in prevention and response to infectious threats, be it at local, national, regional or global levels.
- **Scope: I.** Initiate this Network addressing governance challenges, engage with stakeholders on behalf of network members, and work with research funding agencies to grow the network to an effective, internationally representative scale.
- **II.** Establish the central coordinating hub for the network under development, focusing on maximising opportunities for collaboration, learning and data sharing in order to scale-up evidence.

CALL 2018 – SELECTED TOPICS



SC1-HCO-06-2018: continued

- Long list of main objectives and activities in topic text
- **Activities for example:**
- Identifying best practices and lessons for enabling, coordinating, and supporting prevention and response efforts by international institutions and regional agencies
- Developing proposals for more effective raising of public awareness about infectious threats in general and AMR in particular, and inducing behaviour change;
- Conducting socio-economic and epidemiological analyses to better understand the societal cost/benefit of different strategies to prepare for and prevent AMR and epidemics
- **consortium** is expected to collaborate with GloPID-R (Global Research Collaboration for Infectious Disease Preparedness) members and JPI AMR and their various initiatives in this domain, as well as other relevant initiatives already existing or under development ...
- **Type of Action: Coordination and Support Action, 2-3 Mio €/project**

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-hco-06-2018.html>

HOW TO FIND PARTNERS?



- Use existing networks!!
- Search databases, publications, social media, existing projects, etc.
- Partnersearch on the Participant Portal

TOPIC : Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes

Topic identifier: SC1-BHC-16-2018
Publication date: 27 October 2017

Types of action: RIA Research and Innovation action
DeadlineModel: single-stage
Opening date: 07 November 2017
Deadline: 18 April 2018 17:00:00

Time Zone : (Brussels time)



Horizon 2020
Pillar: Societal Challenges
Work Programme Year: H2020-2018-2020
Work Programme Part: [Health, demographic change and wellbeing](#)
Call : [H2020-SC1-BHC-2018-2020](#)

[H2020 website](#)

[Call budget overview](#)

Topic Description

[+ More](#)

Specific Challenge:

The Global Alliance for Chronic Diseases^[1] (GACD) aims to coordinate research on chronic diseases at a global level in order to enhance knowledge exchange across individual projects, and to better understand

Topic conditions and documents

[+ More](#)

1. Eligible countries: described in [Annex A](#) of the Work Programme.
A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the

Partner Search

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Organisations are looking for collaborating partners for this topic

[VIEW/EDIT PARTNER SEARCH](#)



EFHARISTO OBRIGADA DHANYAVAD ASANT
KYAY TZU TIN PA TE DANKIE TODA KÖSZÖNÖM
DHANYABAAD FALEMINDERIT
MERCICI TERIMA KASIH PALDIES
XIÈXIE CHOKRANE ACIU GRACIAS KIITOS
GRAZIE CHNORAKALOUTIOUN DAKUJEM
DANK U WEL ARIGATÔ BLAGODARAM ASANTE
TÄNAN MISAO TRA DHANYABAAD
VINAKA COX SAG OLUN MILESKER OBRIGADO THANK YOU DAN
TAK DANKE MAMNUN KAM SAH HAMNIDA
HVALA KIITOS GRACIES SAG OLUN
ÉXIE CHOKRANE DÍKY BLAGODARIA DHANYAVAD
ACIU KYAY TZU TIN PA TE MAMNUN DAKUJEM
MAMNUN DAKUJEM EFHARISTO TÄN
HANK YOU TERIMA KASIH GRAZIE TODA
KÖSZÖNÖM DHANYAVAD