

TURKEY IN HORIZON 2020 ALTUN/HORIZ/TR2012/0740.14-2/SER/005



H2020 Theme Oriented Training on ICT

Finding and Understanding Calls







Finding the right call

Let us assume that:

- You have a clear idea of what you want to do in a H2020 collaborative project
- You also have decided which type of action you are looking for: RIA, IA, or CSA









Finding the right call

Example:

Imagine...



I am a professor at a university department for software development for cloud applications.

I want to develop a portable device for security clearance in a wide range of application scenarios, usable world-wide and based on secure cloud servers.







The "Secure Access" Device



Get access to all security restricted areas: banks, airports, or public administration, based on a once and only security clearance.





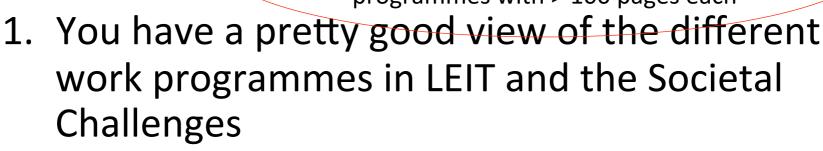


Finding the right call

How do you find a call for this idea?



There are about a dozen work programmes with > 100 pages each



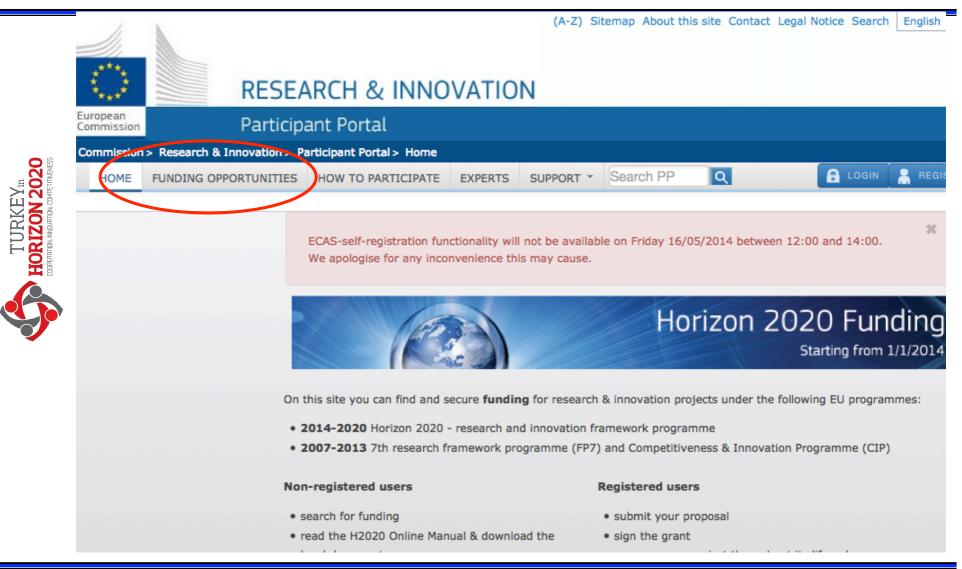
2. You use the H2020 call pages to find out: Search for "security access cloud"







http://ec.europa.eu/research/participants/portal/desktop/en/home.html











RESEARCH & INNOVATION

Participant Portal

ropean Commission > Research & Innovation > Participant Portal > Funding Opportunities

HOME FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT *

Search PP



a







Funding Opportunities

H2020 ONLINE

Find the European Union funding opportunities and search for new or cl grouped by the following programmes:

- Horizon 2020 EU research funding from 2014
- Seventh Framework Programme (FP7)
- Competitiveness and Innovation Framework Programme (CIF
- other research and innovation programmes

Other EU Programmes 2014–2020 Research Fund for Coal & Steel COSME 3rd Health Programme Consumer Programme

Horizon 2020



COSME

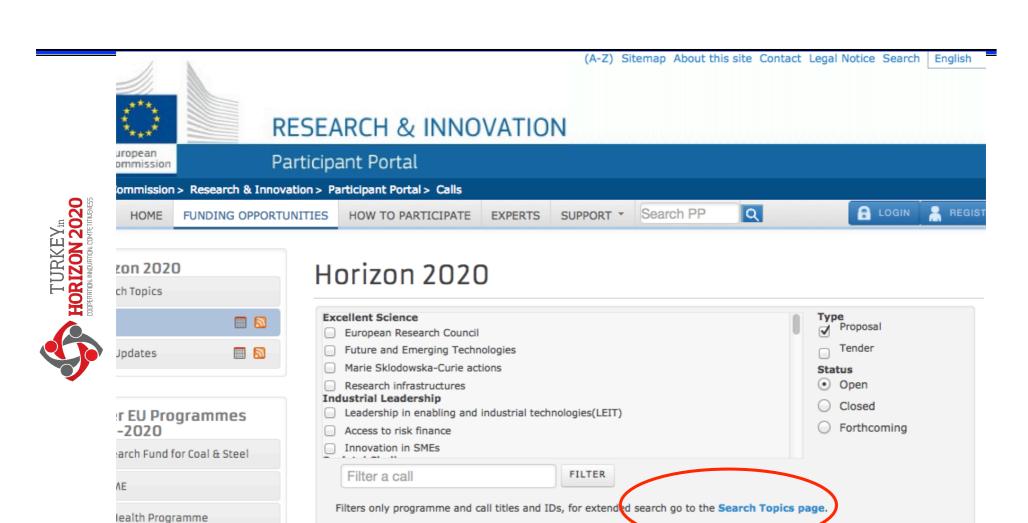
Programme for the Competitiveness of Enter SMEs (COSME) will run from 2014 to 2020, planned budget of €2.3bn. It will facilitate SI finance, create supportive environment for b creation, help small businesses operate outs home countries and improve their access to



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umer Programme



Call Id

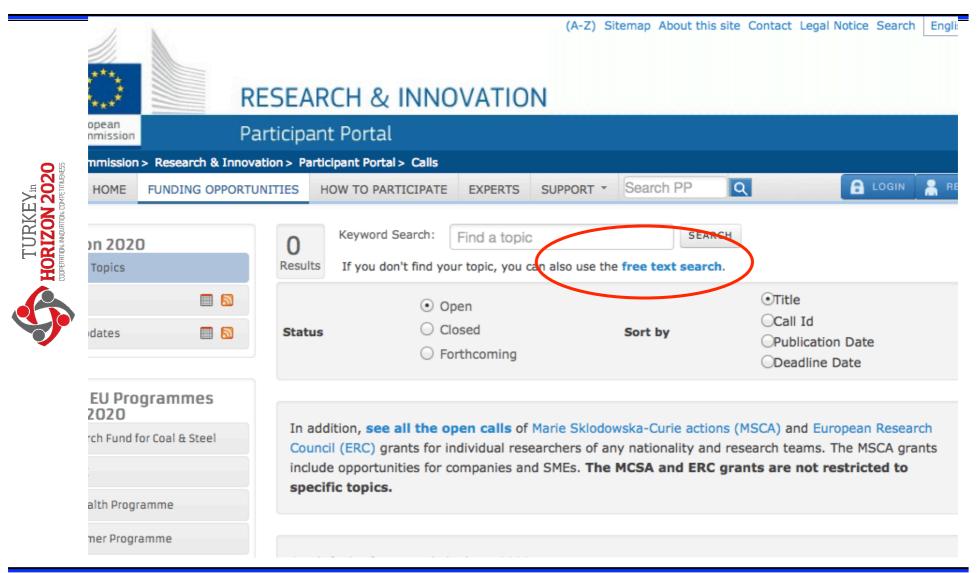
Publication Date

Sort by

○ Title



Deadline Date

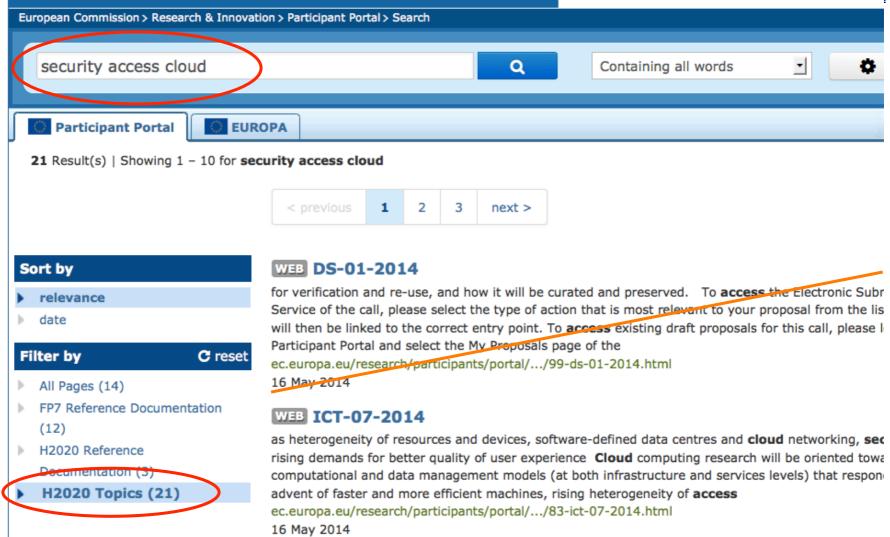


















Finding the right call

The majority of these findings do not match your idea, so you need to do different searches, for example with keywords "access control" only.



But with some patience and much less effort than going though all the work programmes you will find a number of interesting calls.







The ICT Workprogramme

1. Results found in the ICT programme:

Search the LEIT-ICT Workprogramme for 'cloud':



ICT 7 – 2014: Advanced Cloud Infrastructures and Services

ICT 8 – 2015: Boosting public sector productivity and innovation through cloud computing services

ICT 9 – 2014: Tools and Methods for Software Development

... and EU-Brazil Research and Development Cooperation:

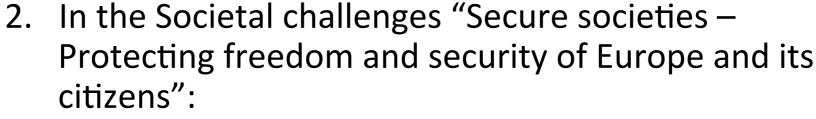
EUB 1 – 2015: Cloud Computing, including security aspects







Societal Challenges



Call – Digital Security: Cybersecurity, Privacy and Trust

DS-1-2014: Privacy

DS-2-2014: Access Control

DS-6-2014: Risk management and assurance models

DS-3-2015: The role of ICT in Critical Infrastructure Protection

DS-4-2015: Secure Information Sharing

DS-5-2015: Trust eServices







... the best match

"DS-2-2014: Access Control" seems to fit best.

The call is for "Innovation Actions"

Funding between €3m and €8m EURO



The next steps are now:



- 2. Group these elements into workpackages
- 3. Identify profiles of the other partners you will need to team up with







The SCOPE

The focus is on the development and testing of usable, economic and privacy preserving access control platforms based on the use of biometrics, smart cards, or other devices.



The solutions are to be installed and tested in a broad-band network, giving access to smart services running over networks with state-of-the-art security, avoiding single points of failure.

Proposed work should include the management of the access rights in particular for the service providers, ensure the security and privacy of the databases, facilitate a timely breach notification and remediation to the user, and reduce the insider threat.

The proposed solutions have to guarantee interoperability and portability between systems and services, sparing the user to have to install a platform, service or country specific technology.

Proposed work could assist the objective of implementing a secure information sharing network.







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The EXPECTED IMPACT

Expected Impact:



Actions supported under this objective will deliver secure, but user-friendly, access to ICT systems, services and infrastructures, resulting in a consumerisation of devices or access control.

The level of security of online services and critical infrastructures protected by these access systems should be demonstratably higher than by the state-of-the-art approach.

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WP: Business plans







Partner Profiles: required skills

WP: Device Development

Hardware, microsystems

WP: Testing of Smart Service

Service provider

WP: Access rights management

Secure software development

WP: Secure cloud databases

S/W development for Clouds

WP: Interoperability

More service providers in different countries

WP: Business plans

IT Solution provider(s)



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This was one essential step!

We have a clearer understanding of how to structure the work and which type of partners we need.



We can use this first breakdown to start developing the proposal.







Ready to try yourself?

Exercise



Global drivers of food security

SFS-18-2015: Small farms but global markets: the role of small and family farms in food and nutrition security (FNS)

<u>Specific challenge</u>: The contribution of family farms and in particular smallholder farms to **Food and Nutrition Security (FNS)** has been gaining global attention, both in Europe and in the context of less developed countries. ...







SFS-18-2015 (EUR 4-5 mill)

Scope: Proposals should thoroughly assess the role of family farms and other small food businesses and particularly those with small structures in achieving sustainable FNS, evaluating the means by which such entities could respond to the expected increase in demand for food, feed and fibre under ever scarcer resources, as well as providing evidence and developing tools to guide decision makers in the choice and combination of intensification pathways. Research should identify the optimal enabling environment for small and family farms and businesses to accomplish the aforementioned role on FNS and the multiple dimensions of sustainability with respect to infrastructure, supply chain and governance needs. Foresight activities should be carried out to project the potential weight and role of the aforementioned entities in a few decades' time, regarding the various dimensions of sustainability, including the challenges of less developed countries' growing rural densities. Research work should build upon existing knowledge and take into account activities related to the 2015 International Year of Family Farming and Smallholder Farming. In line with the objectives of the EU strategy for international cooperation in research and innovation and in particular with the implementation of the EU-Africa dialogue, proposals are encouraged to include third country participants, especially those established in Africa and Asia.

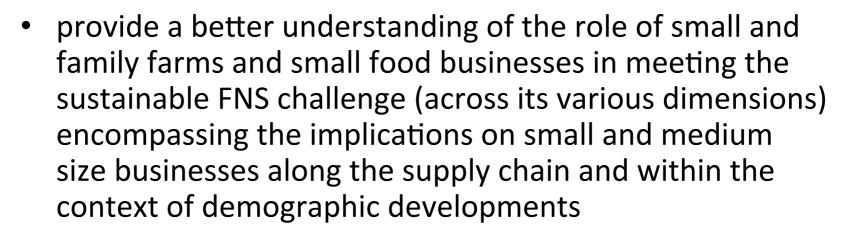






SFS-18-2015 (EUR 4-5 mill)

Expected impact:





 contribute to policy making for the identification of new development models for the agro-food sector.







Proposed solution

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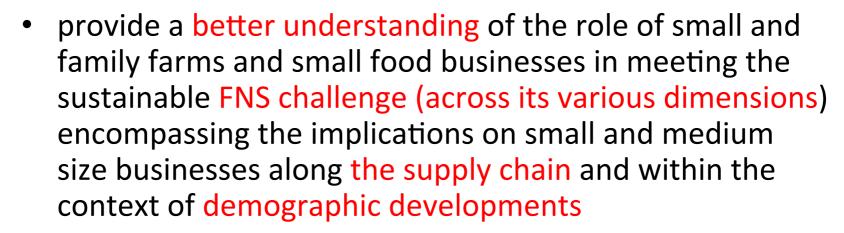






SFS-18-2015 (EUR 4-5 mill)

Expected impact:



- help better tailoring international cooperation and agricultural research for development to the agro-food sector
- contribute to policy making for the identification of new development models for the agro-food sector.







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