



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



This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir

Project Concept, objectives and results

Thies Wittig



Develop your proposal

1. Identify calls matching your ideas and expertise
2. Prepare concept note (call)
3. Map your capabilities
4. Prepare project concept note
5. Check state-of-the-art and define novelty
6. Define your role in a project
7. Identify potential partners
8. Find a leader (coordinator)
9. Create consortium as a whole
10. Verify project idea
11. Elaborate project workplan
12. Elaborate management structure
13. Calculate overall costs of your project
14. Describe the impact
15. Integrate proposal, identify risks and verify its content



4

Recalling IMS-2:

Idea:

Develop a device for word-wide personal security clearance



5

The SCOPE - DS-2-2014: Access Control

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.



6

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



7

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 demonstrably higher than by the state-of-the-art approach.

The proposed solutions are expected to support the creation of commercial services making use of electronic identification and authentication.



8

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 **demonstrably higher than by the state-of-the-art approach**.

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9

Back to the SCOPE: 1. WP Structure



The focus is on the **development of access control platforms** based on the use of **biometrics, smart cards, or other devices**.
 WP: Device Development

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 point of failure.
 WP: Testing of Smart Service

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, and reduce the insider threat.
 WP: Access rights management WP: Secure cloud databases

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.
 WP: Interoperability

Proposed work could assist the objective of **implementing a secure information sharing network**.
 WP: Business plans



10

Defining Objectives

Overall Objective: develop usable, economic and privacy preserving access control platforms ...

Specific Objectives:

- To develop a device capable of ...
- Develop an access rights management ...
- Improve security of cloud databases ...
- Ensure interoperability between different service providers in different countries ...
- Develop a business plans for creating commercial solutions ...



11

Define results and indicators

- The device will be small and easy to carry in a wallet. Dimensions: ...
- It will be able to interconnect with all standard mobile networks, 3G, 4G, LTE
- It will work across borders in Europe, demonstrated in the project in at least 4 EU countries
- Security clearance process will not take longer than 10 sec.
- Encryption standard ... will be further developed to ensure ...
- A business plan to attract investors will be prepared at the end of the project



12

TEAMWORK



Select one of the three call texts.

Complete the **Project Concept Note**:

- Analyse the call text
- Define your project's objective and results in relevance to the work programme



13

Our Teamwork examples

RUR-09-2017:

Business models for modern rural economies

up to EUR 4.5 million. Research and Innovation action



NMBP-05-2017: Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods

Focus on Technology Readiness Levels 4 to 6, and target Technology Readiness Level 7.

EUR 5 and 7 million. Innovation action

ICT-20-2017: Tools for smart digital content in the creative industries

EUR 2 and 4 million for a period between 24 and 36 months. Research and Innovation action



14

TEAM WORK 2

Consortium building:

- Define your own role in the project
- Use call text analysis to define the expertise needed by other partners
- Search CORDIS for current and past projects in this field
- Search CORDIS for potential partners



20

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)



21

<https://cordis.europa.eu/partners/web/guest>



Research Partners

You can:

-
- [Query more with an advanced search](#)
- Browse these active profiles and collaboration requests to build your network:
 - [10432 Partner profiles](#)
 - [57 Open Calls for Proposals](#)
 - [5105 Partnership requests](#)
 - [1231 Proposing project](#)
 - [3874 Offering collaboration](#)
 - [393 Groups](#)
- Contact [National Contact Point](#) networks to get further support to find partners in your specific theme




22

H2020-SCC-2016-2017	CALL: SMART AND SUSTAINABLE CITIES	120 000 000 (EUR) Euro	2016-09-06	2015-10-15	35
H2020-EE-2016-2017	CALL: ENERGY EFFICIENCY CALL 2016-2017	93 000 000 (EUR) Euro	2016-09-15	2015-10-14	78
H2020-FTIPILOT-2016	CALL: FAST TRACK TO INNOVATION PILOT	93 145 000 (EUR) Euro	2016-10-25	2015-10-14	24
H2020-RUR-2016-2017	CALL: RURAL RENAISSANCE - FOSTERING INNOVATION AND BUSINESS OPPORTUNITIES	66 000 000 (EUR) Euro	2017-02-14	2015-10-14	23
H2020-FETOPEN-2016-2017	CALL: FET-Open - Novel ideas for radically new technologies	88 200 000 (EUR) Euro	2017-09-17	2015-10-14	19






23

Refine results by

What is offered

- **Offering expertise** (17)
- **Proposing a project** (7)

Expertise

- **Sustainable development** (12)
- **Scientific research** (11)
- **Environmental protection** (10)
- **Agriculture** (9)
- **Renewable sources of energy** (8)
- **Other energy topics** (7)
- **More >>**

Country

- **Italy** (4)
- **Spain** (3)
- **United Kingdom** (2)
- **Finland** (1)

Partnership request - **Pilot testing, scenarios development, sustainability, environmental protection, energy efficiency**
 Offering expertise
 Country:
 Last updated: 2016-08-16




Partnership request - **ICT and sensors related to Agriculture**
 Offering expertise
 The Research Group in Advanced Telecommunications (GRITA) is formed by doctors in telecommunication
 Country:
 Last updated: 2016-07-22

Partnership request - **R&D expertise in the field around olive groves and olive oils**
 Offering expertise
 The Center for Advanced Studies in Olive Grove and Olive Oils for implementation of a Research Cent
 Country: Spain
 Last updated: 2016-07-11

Partnership request - **A EU Network for precision agriculture**
 Proposing a project
 We would be interested to develop and participate to a network that would bring to the awareness of
 Country: Greece
 Last updated: 2016-07-08

Partnership request - **LIVERUR – Living Labs in Rural Areas**
 Proposing a project
 The focus of the call is identifying innovative business models that are developing in rural areas,
 Country: Germany
 Last updated: 2016-07-06

Partnership request - **ecological economics and forest policy**
 Offering expertise




24

Refine results by

Role

- **Project coordinator** (4)
- **Project participant** (3)

Expertise

- **Sustainable development** (4)
- **Agriculture** (3)
- **Electronics, Microelectronics** (2)
- **Industrial manufacture** (1)

Your refinements

Proposing a project ✕




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 Proposing a project
 The focus of the call is identifying innovative business models that are developing in rural areas,
 Country: Germany
 Last updated: 2016-07-06

Partnership request - **Biological product for weed, pest and insect control in EU**
 Proposing a project
 I would like to create a group with scientists, farmers and industry sector for design, testing and
 Country:
 Last updated: 2016-06-16

Partnership request - **SOSTAIN**
 Proposing a project
 Country: Spain
 Last updated: 2016-04-11

Partnership request - **Looking for (public) partners to join our project under RUR-01-2016.**
 Proposing a project
 Country:
 Last updated: 2016-01-25




25

Searching for past and on-going Projects

The screenshot shows the CORDIS website interface. At the top, there is a navigation bar with the URL 'cordis.europa.eu' and a search bar. Below the navigation bar, there are links for 'About CORDIS', 'Contact', 'Advanced Search' (circled in orange), and 'Legal Notice'. The main header features the European Commission logo and the text 'CORDIS Community Research and Development Information Service'. A sidebar on the left contains the 'HO' logo. The footer includes logos for 'TTT/D/EV', 'JTI', and 'TUBITAK', along with the page number '26'.

Filter by

All content types | **Projects only**

Search terms:

Acronym:

Reference:

Record number (RCN):


Title:

Start date: From to

End date: From to

Programmes:

The screenshot shows the 'Filter by' section of the CORDIS search interface. It includes tabs for 'All content types' and 'Projects only'. Below the tabs are several search criteria: 'Search terms' (with the value 'rural'), 'Acronym', 'Reference', 'Record number (RCN)', and 'Title', each with an empty text input field. The 'Start date' and 'End date' fields are set to 'custom range' and include 'From' and 'to' date pickers. The 'Programmes' field has a dropdown menu with 'FOOD' selected. The TT/D/EV logo is visible on the left side of the filter panel.

	<div data-bbox="406 340 510 443"> <p>HORIZON 2020</p> </div> <p>[PROJECT] TRADITOM - Traditional tomato varieties and cultural practices: a case for agricultural diversification with impact on food security and health of European population Ref.: 634561 Start date: 2015-03-01, End date: 2018-02-28 Tomato is the second most consumed vegetable in the EU and a major dietary source of many nutrients, vitamins and antioxidants. Consumers complaints about the loss of flavour in modern tomatoes, provide an opportunity for the valorisation of traditional tomato varieties, in... Programme: H2020-EU.3.2. Record Number: 193297 Last updated on: 2016-08-05 Booklet</p>	
	<div data-bbox="406 649 510 752"> <p>HORIZON 2020</p> </div> <p>[PROJECT] SIMRA - Social Innovation in Marginalised Rural Areas Ref.: 677622 Start date: 2016-04-01, End date: 2020-03-31 SIMRA seeks to advance understanding of social innovation (SI) and innovative governance in agriculture, forestry and rural development (RD), and how to boost them, particularly in marginalised rural areas across Europe, with a focus on the Mediterranean region (including... Programme: H2020-EU.3.2. Record Number: 200385 Last updated on: 2016-07-08 Booklet</p>	
	<div data-bbox="406 929 510 1032"> <p>HORIZON 2020</p> </div> <p>[PROJECT] ClimeFish - Co-creating a decision support framework to ensure sustainable fish production in Europe under climate change Ref.: 677039 Start date: 2016-04-01, End date: 2020-03-31 The overall goal of ClimeFish is to help ensure that the increase in seafood</p>	18