H2020: looking for partners from and related to the retail sector, incl IT, logistics, user behaviour, also associations and local authorities

Summary

A large French company in the postal services sector is actively looking for partners for CIRC-01-2016-2017. They aim to set up a virtuous and sustainable ecosystem dedicated to the circular economy including manufacturers, retailers and logistics to orchestrate the rental of occasionally used objects. Partners, who would touch upon the aforementioned areas, incl from the IT and digital ID, design, user behaviour etc sector, are sought.

Creation Date	09 December 2016
Last Update	09 December 2016
Expiration Date	09 December 2017
Reference	RDFR20161208001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/ff336b9b-ef48-451f-b945-20e73ee34df8

Details

Description

The collaborative economy is mainly trusted by organizations that provide services allowing people to monetize their objects or services with other people. This approach, based on a C2C model (Zilok, ebay, Facebook Marketplace ...), is a biased competition for the traditional economy from a legal or a fiscal point of view (the individual may be considered a commercial provider, making his sharing services taxable and potentially subject to specific administrative permits). Moreover, it involves some compromises on objects and services (availability, quality, price, location …).

Project concept: a large French Postal Services company is investigating new activities for businesses linked to its postal offices by setting up a virtuous and sustainable ecosystem dedicated to the circular economy. The system will be a dedicated digital environment including manufacturers, retailers and logistics able to orchestrate the rental of occasionally used objects (DIY, sport, equipment, automobile, fashion ...). The concept consists of creating an additional business channel, combining traditional economy mechanisms and collaboration between individuals.

From the users' point of view, the project aims at removing the previously mentioned constraints of current C2C models by relying on the partner companies in order to propose an easy-to-use and low cost rental collaborative service.

Regarding companies, the project creates a new channel to make them more present and active in the collaborative economy (contrary to the current C2C solutions). The key and

innovative idea of the project is to integrate retailers at the beginning of the collaborative rental process. So, objects are directly supplied to the first lessees.

Project outcome: a digital environment (web-based + Blockchain platform) linking all projects stakeholders (manufacturers, retails, users, carriers, etc.) and connected objects. A deployment in a regional test area with a limited range of product that could be scaled to the European Continent.

EoI and Submission process : the deadline for EoI is for the 15 january. The call deadline is for the 7 March 2017 (1s step) and the submission process is in 2 steps.

Advantages and Innovations

Project impact and benefits:
- Ecological and economic impact: avoid purchasing an object for a one-time use
- Create social link between individuals that can exchange on their experiences or advices with the objects
- Increasing the value of products by linking them to their value in use
- Complete knowledge and control of the product life cycle
- New approaches for Design of new products dedicated to collaborative rental

Technical Specification or Expertise Sought

The project coordinator is looking for partners in the following areas to finalize its consortium:
- Large companies: products manufacturers, distributers, retailers, insurance companies
- SMEs: traceability, objects localization (IoT), delivery and logistics, security/digital IDs, data mining
- Research institutions: user behaviors, user-centric design or collaborative economy business models
- Users/consumers associations and local authorities.

Stage of Development

Proposal under development

IPR Status

Other

Comment Regarding IPR status

Consortium Agreement

Keywords

Technology

01003010	Databases, Database Management, Data Mining
01003018	User Interfaces, Usability
10002015	Life Cycle Assessment
11001	Socio-economic models, economic aspects
11006	Citizens participation

Market

02003	Specialised Turnkey Systems
07002005	Other retailing

07005006	Other consumer services (including photo processing)

NACE

J.62.0.3	Computer facilities management activities

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

Industry >500

Year Established

2007

Turnover

>500M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
French

Client Country

France

Partner Sought

Type and Role of Partner Sought

The coordinator is looking for several partners :
- Large companies (products manufacturers, distributers, retailers, insurance companies)
- SMEs (traceability, objects localization (IoT), delivery and logistics, security/digital IDs, data mining)
- Research institutions (user behaviors, user-centric design or collaborative economy business models)
- Users/consumers associations and local authorities.

Those partners will have to perform the following tasks, according to their competences:
- Perform data mining (user profiling, object usage profiling)
- Develop product connectivity (remote activation, geolocation, use detection)
- Develop/adapt a chat bot to enable an automated user interface
- Provide a smart delivery solution to ensure objects exchange between users
- Provide retail products to be used in the project
- Analyse end users behaviour and provide recommandations.

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Research cooperation agreement

H2020: Symbiotic use of water. Demo site / End user needed

Summary

An Italian SME connected to a network of research and industry partners each offering advanced water treatment technologies suited to treat industrial/domestic water, is preparing a H2020 CIRC-2-2016-2017 project aimed at developing a system for symbiotic use of water and use of sources of water different from mains,starting from existing technologies (TRL6).The SME is looking for a test ground/pilot site, ideally industrial or commercial complex, or a small district.

Creation Date	14 November 2016
Last Update	07 December 2016
Expiration Date	07 December 2017
Reference	RDIT20161114001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/22b929f0-3dae-4e90-a960-85ea9631e707

Details

Description

An Italian company connected to a network of research and industry partners from Spain, Italy and Denmark each offering advanced water treatment technologies (suited to treat industrial/domestic water with recalcitrant, difficult to treat pollutants and microbial contamination at small scale) is preparing a H2020 project:
- subcall CIRC-2-2016-2017 Project (Water in the context of the circular economy. (b) Towards the next generation of water systems and services; large scale demonstration projects (IA)). The deadline for first stage applications is 07 March 2017.

The project is aimed at developing a system for symbiotic use of water and use of sources of water different from mains,starting from existing technologies (TRL6).The SME is looking for a test ground/pilot site, ideally industrial or commercial complex, or a small district.

The available treatment technologies include:
• direct electric discharges in water and other advanced oxidation processes for water sterilisation,
• advanced photocatalysis to enhance the biodegradability of emerging and recalcitrant pollutants,
• nanofiltration to retain most of the common organic pollutants and to reduce the concentration of polyvalent ions in water,
• solar-photo-Fenton-AOP used to completely mineralize the organic pollutants,
• photocatalytic nanoporous adsorbent module e.g. for removal of mixtures of different dyes,
• microwaves for the removal of persistent organic pollutants.

Each technology is developed in modules that can be combined to best suit the type of pollution

and the expected level of water purity requested as an output, with recovery of valuable compounds where possible.

The ideal application of this suite of technologies is the use of alternative sources of water. Mains water is often of higher standards than required by the users (e.g. drinking water for washing of non-food plants), so it is over engineered. Often, other sources of water are locally available, collected rain water, wastewaters from nearby users (e.g. grey water from domestic use), small wells, too expensive water to be treated in large volumes, like brackish waters. Furthermore, in a symbiotic approach, other water users are available and might be able to use any waste water that might not be recyclable within the plant, including agriculture.

So there is an opportunity not only to seek out the closest water source to be treated exactly right for the needs but also the closest user of those water flows that cannot be used internally. In an integrated water management system, wastewater can be treated to become the feed of a nearby factory or as irrigation water, while respecting the current regulations and standards.

The ideal test ground and demonstration pilot that the company is looking for is a cluster of companies located in the same area, an industrial or commercial complex, or even a small city district where water resources are used for different applications and where water used for one application could be treated and re-used for a different purpose. For example, cooling water from a biomass power plant could be used by a nearby industrial laundry; organic compounds rich (or enriched through concentration processes) water would benefit local cultivations providing both nutrients and irrigation.

Stage of Development

Proposal under development

Keywords

Technology

10004001	Industrial Water Treatment
10004002	Municipal Water Treatment
10004003	Wastewater Recycling
10004005	Rain Water
10004008	Water Resources Management

Market

08004003	Water treatment equipment and waste disposal systems
09008002	Water, sewerage, chemical and solid waste treatment plants

NACE

M.72.1.9	Other research and experimental development on natural sciences and engineering

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
Italian

Client Country

Italy

Partner Sought

Type and Role of Partner Sought

The company is looking for:
1. a local authority interested in implementing a symbiotic use of water in a mixed use district (dwellings/industry/retail) or technology park
2. Manager of large mixed use development
3. Housing/urban regeneration developers
The company is looking for a consortium already working on this call or a project coordinator.

Type of Partnership Considered

Research cooperation agreement

Industrial biotechnology partners working with microbes sought for a consortium applying for ERA-Net CoBioTech

Summary

A UK industrial biotechnology network is preparing a consortium and proposal to address the ERA-Net CoBioTech call. The consortia is seeking industrial partners of any size working with microbes (preferably corynebacterium or yeast) in the industrial biotechnology sector. The project will study the behavior of membranes with a view to tuning them and subsequently mitigating the effect that toxins have during industrial biotechnology processes and so increasing yields.

Creation Date	15 December 2016
Last Update	16 December 2016
Expiration Date	16 December 2017
Reference	RDUK20161215001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/9e2b1789-997d-4441-a02d-3153be1f559a

Details

Description

Many industrial biotechnology (IB) processes aspire to generate (bio-based) molecules which are ultimately toxic to the producing cell factory. In addition to toxicity towards intracellular components, the lipid membrane and associated proteins are vulnerable to damage by these compounds and physical stresses such as pH and temperature. Indeed, it is well-established that the membrane composition is altered in bacteria in response to stresses such as temperature and solvent production. It is also well-established that substrate toxicity can be detrimental to a range of IB processes and much of this will involve toxicity towards cell membrane components. As such an approach whereby membranes can be “tuned”, both in terms of their lipid and protein content is desirable to mitigate these toxic effects. Production of higher concentrations of the desired molecules makes such bioprocesses more efficient, increasing product yield, reducing cost, and helps drive the move away from fossil-based raw materials.

This project directly addresses two of the CoBioTech topics. “Sustainable production and conversion of different types of feedstocks and bioresources into value-added products” and “Sustainable industrial processes”. Production of value-added products often utilises microbial technologies and these can be made more sustainable by optimisation of the process. We envisage that the approach and tools developed within this project will be widely applicable across the sector - it is not limited to particular microbes or products and has scope to be expanded to address challenges of other production conditions which conflict with microbial growth e.g. pH and temperature.

This project includes participants with multidisciplinary scientific backgrounds and will combine biotechnologically based industries and research institutions across the countries eligible for this funding call.

This project will take an iterative approach which combines state-of-the-art –omics techniques, lipid membrane biochemistry and modelling, molecular dynamics simulations and bacterial genetics to generate strains which are more resistant to the desired molecules. Strains chosen will be those of industrial relevance e.g. Corynebacterium or yeast. There will be a focus on production of natural products which are highly desirable. This approach allows improvement of microbial strains guided by underlying physiological responses; this approach is therefore transferrable to any microbial strain. Our project is intersectorial, cross-disciplinary and links transnational expert partners.

Industrial partners of any size are sought from the biotechnology sector. The partner(s) should be experienced working with microbes (eg. Corynebacterium or yeast) and wish to participate in the engineering of microorganisms for the production of biotechnologically interesting small metabolites such as plant polyphenols, amino acids and alcohols.

Call title: “Biotechnology for a sustainable bioeconomy” ERA-Net Cofund Action under Horizon 2020
Budget: €36m
EOI deadline: January 30th 2017
Call deadline: 2nd March 2017 (pre-proposals)

Keywords

Technology

06002002	Cellular and Molecular Biology
06002004	Protein Engineering
06002006	Synthetic Biology
06002008	Microbiology
06002009	Molecular design

Market

08001017	Industrial chemicals
08001019	Speciality/performance chemicals
08005	Other Industrial Products (not elsewhere classified)

NACE

M.72.1.1	Research and experimental development on biotechnology

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Dissemination

Send to Sector Group
Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established
0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken
English

Client Country
United Kingdom

Partner Sought

Type and Role of Partner Sought

Type of partner - SME or larger

Specific area of activity - industrial biotechnology

Field of expertise - processes using microbes

Task to be performed - industrial partner

Type of Partnership Considered

Research cooperation agreement

A Marie Curie: seeking industrial partners from a broad range of pharmaceutical, biotechnology or synthetic biology organisations interested in amyloid research

Summary

A UK biological sciences university group is seeking industrial partners for a Marie Curie ITN investigating the life-cycle of amyloids. The partners can be from a range of sizes and backgrounds such as pharmaceutical, biotechnology or synthetic biology. Pharmaceutical companies would need an interest in amyloid diseases (Alzheimer's etc). Biotechnology and synthetic biology companies should have an interest in developing novel biofilms, biosensors and/or bioelectronics from the amyloids.

Creation Date	16 December 2016
Last Update	16 December 2016
Expiration Date	16 December 2017
Reference	RDUK20161215002
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/abad0fe3-9e01-4e5d-9159-0515b64b963d

Details

Description

Protein aggregates termed amyloids are the hallmarks of various neurodegenerative disorders. There is currently no cure available for any of these diseases. Recently, a drug that was seen as a major test of the leading theory behind Alzheimer's disease has failed in a large trial of people with mild dementia. It becomes clear that we lack a fundamental understanding of the molecular mechanisms underlying these pathogenic conditions.

Amyloid fibrils are long, unbranched filaments that are composed of an ordered, repetitive arrangement of many copies of a peptide or protein, often referred to as the cross-β-sheet motif. Numerous proteins form amyloid fibrils, some of which are functional and some of which are pathological. More than 40 proteins are known to form pathogenic amyloid fibrils and there are at least a dozen functional amyloid fibrils, with new members of both classes being discovered constantly.

The variety in amyloid assemblies may reflect their presence as a prominent fold early in the evolution of life. To date, functional amyloid has been identified in fungi, insects, bacteria, and humans. These findings reinforce the emerging concept of the amyloid cross-β fold as a quaternary protein structure able to carry out a diversity of biological functions. This strongly suggests that amyloid assemblies must be subject to regulation, for example by reversing the amyloid assembly. In this respect, nature has given us some great examples in the form of functional amyloids. This network aims to identify the life cycle of amyloids by investigating the dynamics in amyloid formation and disassembly. The dynamic behavior of a variety of functional

and pathogenic amyloid forming proteins and peptides will be investigated in a multidisciplinary approach, opening new avenues for biomedical, biofilm, biosensor and bioelectronic applications.

Hence, the partners can be from a range of backgrounds such as pharmaceutical, biotechnology or synthetic biology. Pharmaceutical companies would need an interest in amyloid diseases (Alzheimer's etc). Biotechnology and synthetic biology companies should have an interest in developing novel biofilms, biosensors and/or bioelectronics from the amyloids.

The industrial partner in the project can be either ‘partner' or ‘beneficiary'. Details regarding the funding available to each of these types of partner is given below. The network is seeking companies to host secondments, but not all companies need to.

A group of six partners have been identified already.

Programme: Marie Curie Innovative Training Network
Project duration: 4 years
Call deadline: 12th January 2017
EOI deadline: 12th January 2017

Keywords

Technology

06002002	Cellular and Molecular Biology
06002004	Protein Engineering
06002006	Synthetic Biology
06002009	Molecular design
06006003	Biobased chemical building blocks

Market

04005	Biochemistry / Biophysics
04006	Cellular and Molecular Biology
04010	Microbiology
04011	Molecular design
05007002	Pharmaceuticals/fine chemicals

NACE

M.72.1.1	Research and experimental development on biotechnology
M.74.9.0	Other professional, scientific and technical activities n.e.c.

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group
Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile

University

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

1) As a ‘Partner': a partner does not receive direct funding from the EU but members can pay the partner for joint projects or expertise. A partner can fully participate in meetings. The partner thus has access to the expertise of the members and stays informed about the progress of the research. A partner is involved in training aspects of the students of the network and accepts secondments in its laboratory. 2) As a ‘Beneficiary': a beneficiary receives direct funding from the EU for recruiting a PhD student and bench fee (3 years). The PhD student performs research for the beneficiary (can be fully protected by IP). The research does not have to be a joint project with other members but should make use of their expertise. Other benefits and duties of a partner also apply to the beneficiary.

Languages Spoken

English

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

Type of partner - SME or larger industrial organisation

Specific area of activity - pharmaceutical, biotechnology, biosensors, biofilms, bioelectronics or other area related to amyloid research

Field of expertise - amyloids

Tasks to be performed - describe your interest in the ITN and discuss participation

Type of Partnership Considered

Research cooperation agreement

One year research fellowship grant - Looking for companies producing diagnostic kits

Summary

An Italian research group has developed the expertise in biotechnological production of Human Elastine-Like Polypeptides (HELPS). They are looking for research collaborations with companies focused on innovative diagnostic tools for medical and clinical research. In particular, companies producing and commercializing diagnostic kits for screening and research. A regional grant can support the co-development of the research results by paying the costs of one year research fellowship.

Creation Date	06 December 2016
Last Update	19 December 2016
Expiration Date	19 December 2017
Reference	RDIT20161206001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/56571096-e93b-4d51-afdf-2cebbfd72f6e

Details

Description

In the lab the research group has set up the production of a highly reproducible and easy to standardize biomimetic elastin biomaterial, produced by biotechnological methodology. This material can take on the characteristics of a hydrogel matrix that is selectively degraded in the presence of elastolytic activity. This 3D set up allows the detection of elastolytic activity and can be used to produce diagnostic devices useful to monitor different conditions where this specific proteolytic activity is present and indicates the presence of a pathologic state as infection, inflammation and so on. As examples, this system is suitable for the screening of clinical isolates of P. aeruginosa, as well as to detect or monitor latent inflammatory diseases of different origin. Moreover, a future advancement can be represented by the development of smart devices based on this material that release a therapeutic compound in the site of infection or inflammation, exploiting the elastolytic stimulus. Last but not least, this system represents a new biomimetic tool to investigate if, how and to what extent the presence of elastolytic activity due to infections or inflammation can affect the elastic tissue integrity. The research group is looking for research collaboration with companies interested in applying the system to diagnostic kits. There is a regional grant that could pay for a one year fellowship to co-develop the system if there is a collaboration research-industry ongoing. Deadline of this regional call is the end of March, 2017 so the expressions of interest should arrive before the 10th of March.

Advantages and Innovations

The search for substrates (that allow quick and specific identification of the elastolytic activity and of its capability to degrade human tissue elastin) represents an approach directed to the improvement of the evaluation of the risk of elastin tissue damage in several pathologic

conditions.
The currently used substrates to detect elastolytic activity are based on proteins such as casein and gelatin that are not correlated with elastin or are based on the bovine homologue.
The HELP 3D system mimic human elastin and is suitable for exoproteolytic activity detection.
The HELP 3D biomimetic system properly resembles the behavior of tissue elastin in vivo, allowing a reliable detection of the elastolytic activity compared to the currently used commercial substrates as, for example, elastin-congo red, that resulted more susceptible to the attack of the bacterial exoproteases.
This is due to the feature of the HELP 3D system that better mimic the hydrophobic and extensively cross-linked nature of the intact tissue elastin and its high stability and resistance to proteolytic degradation.
This biomimetic system represents a relevant option to evidence isolates endowed with potential for elastin tissue damage.
As well, this biomimetic system is very useful to better elucidate the mechanism of injury of elastin in tissues.
HELP matrix represents indeed an interesting choice to analyze and study the elastolytic activity in vitro, using standard equipment and low-cost reagents.

Stage of Development

Under development/lab tested

IPR Status

Patents granted

Comment Regarding IPR status

EU

Keywords

Technology

06001005	Diagnostics, Diagnosis
06002003	Enzyme Technology
06002004	Protein Engineering
06002007	In vitro Testing, Trials

Market

05001002	In-vitro diagnostics

NACE

P.85.4.1	Post-secondary non-tertiary education

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Dissemination

Send to Sector Group
Healthcare

Client

Type and Size of Organisation Behind the Profile

University

Year Established
0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Italian

Client Country

Italy

Partner Sought

Type and Role of Partner Sought

An expression of interest and both technical and industrial cooperation with SMEs and companies interested in application, development or commercialization of products based on our biomimetic tools are sought. In particular, companies interested in development and commercialization of
-diagnostic kits for screening and research
- medical devices for smart release
A regional grant can support the co-development of the research results by paying the costs of

a one year research fellowship.

Type and Size of Partner Sought

SME 11-50,SME <10,251-500,SME 51-250,>500

Type of Partnership Considered

Research cooperation agreement

Partner Search - ICT–39-2017 - International partnership building in low and middle income countries

Summary

The project will facilitate mentoring, research training and capacity building, thereby enhancing intellectual self-sufficiency and sustainable African solutions to African problems. The project will run for 3 years and will address impact in terms of research, practice, policy and publication, addressing relevance and transferability across the region and beyond. The UK University leading this project is now seeking research partners to join the consortium from all industries across the EU.

Creation Date	13 December 2016
Last Update	15 December 2016
Expiration Date	15 December 2017
Reference	RDUK20161213001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/f8a5453a-ec77-4949-beb7-cf26c05218de

Details

Description

The underlying principles include,

- Sustainability (micro financial, macro-economic, cultural, organisational)
- User engagement (empowerment, authenticity)
- Equity (not advantaging the advantaged)
- Transferability and scalability (other contexts, regions, communities) (through the secondary partner country)
- Increased self-sufficiency (food, science, marginal languages, institutional procedures, research capacity…)

The project also addresses:

- Improved education, workforce development and informal learning
- Adaptation and /or innovation with technology
- Sustainability /business model / exit strategy
- User/beneficiary/stakeholder involvement
- Impact (policy, dissemination, publication) (UNESCO research)
- Female empowerment (UNESCO priorities)
- Also local culture/mother tongues/English language (ELF) (UNESCO priorities)

The project will encourage and exploit informal learning and community learning, in the broadest sense of encouraging creating, transforming, sharing, discussing, storing and retrieving ideas, images, information and opinions about topics of shared interest. It will use 'game mechanics' and scaffolding techniques and allow participants to comment, rate and review the discussions,

contributions and comments from members of the community, thereby generating reputation, esteem and visibility for those participants with the most valued activities within the system.

The project unites participatory design practices with peer-to-peer web2.0 technologies and with the preservation and enhancement of practical local, community and indigenous lore, language, knowledge and traditions in livelihoods, practices, landscape and subsistence.

The system will enhance real existing communities such as local farmer groups or artisan groups and will create and sustain remote distributed online communities. The project will explore the educational, economic, technological and cultural potential of such systems. The project will work with partners who are community groups with varied structures and will draw on Living Labs practices to enhance community-centred solutions.

This is a deliberately diverse and heterogeneous project intended to create robust findings over a range of geographic, social, technological and economic contexts and proof against discrete trends and technologies.

The strength of the project lies in the existing network of contacts and collaborations, including links into the international policy and global research communities, and in the flexibility and diversity of both technologies and communities within the context of a strong, respected and experienced scientific leadership.

The m4d and ICTD communities of activists and social entrepreneurs and the mobile learning community of researchers and developers globally has been very active over the last ten years exploiting entry-level mobiles and mid-range feature phones to support training and education on a sustainable basis in varying development contexts. Members of the proposed team have been at the heart of this work and are well connected to local community projects and to international agencies, donors and foundations.

The UK University leading this project now seeks several partners from across the EU (Universities, Large and Medium SMEs and Research Organisations) to join their consortium.

EOI Deadline: 17th March 2017
Call Deadline: 25th April 2017

Advantages and Innovations

The project will develop and populate an ecosystem of informal collaborative digital learning technologies adapted and appropriate to the varied cultures and conditions in local society in order to increase economic, scientific, institutional, industrial and agricultural self-sufficiency and self-reliance.

The system will allow learners to learn from existing content and materials, either broadcast, targeted or requested, and to contribute their own content, and reactions, responses, reflections and recollections - any of the content and interactions may be text, audio or video. It will also encourage learners to create or join online communities of learners who can discuss, rate and review content and contributions. This will enhance agency, self-respect and sustainability amongst learners.

The technologies will include SMS, MMS, USSD, IVR, social media, apps, podcasts but based within a unifying platform accessible by mobile and static channels, synchronous and asynchronous, with facilities to register, query, discuss, learn, contribute and direct. The initial content and structures will grow out of community interests, concerns and priorities, elicited in focus groups during and before project inception; these may include health and hygiene; artisan and crafts, small-scale start-ups; market gardening, subsistence, eco-tourism and agriculture; small business, micro-finance, mobile banking and entrepreneurialism; language learning, literacy and numeracy in English, lingua franca and mother tongues. Alerts, events and local

information such as weather, market prices, events and opportunities may also be useful for specific communities. The system will use location and other contextual data.

Stage of Development

Proposal under development

Keywords

Technology

11001	Socio-economic models, economic aspects
11002	Education and Training
11006	Citizens participation
11008	Creative services

Market

07001007	Other leisure and recreational products and services
07005004	Education and educational products and materials

NACE

J.58.2.9	Other software publishing
J.60.2.0	Television programming and broadcasting activities
J.63.9.9	Other information service activities n.e.c.
P.85.6.0	Educational support activities
Q.86.9.0	Other human health activities

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

University

Year Established

1835

Turnover

50 - 100M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
German
Spanish

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

Research design partners - to develop, validate, sequence and deliver protocols, instruments, surveys, analytic tools (online and face to face) to gather, analyse and present internal project user and system data, including learner analytics.

Educational development partners - to optimize the relevance and quality of the learning experienced by user communities; to support critical digital literacy, lifelong learning and underpin increased capability, social mobility, personal empowerment and social cohesion through educational principles and practices.

Technology expertise - to direct, develop, deliver and implement the technology platform for the project, enabling it host community and content with media and protocols appropriate to users, resources and infrastructure.

Domain expertise - Identify, develop and evaluate strategies for selecting external resources (tools, content and communities), identify external resources that provide examples and inducement for users to engage with the system, provide domain specific structures that enable

users to navigate and interact amongst themselves, provide the domain expertise needed to ensure user demands and requirements are correctly translated and interpreted, and collated.

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,251-500,SME 51-250

Type of Partnership Considered

Research cooperation agreement

EURONANOMED: seeking SME in the field of cardiology, working on biomedicine and biosensing

Summary

An international consortium including research groups on nanotechnology, materials, biomedicine and cardiology is seeking for an industrial partner for applying to the recently opened call entitled: EuroNanoMed III Joint Transnational Call for Proposals" for "European Innovative Research & Technological Development Projects in Nanomedicine". The main target is the design, characterization, manufacturing and commercialization of an advanced sensor for the in situ detection of heart failure.

Creation Date	16 December 2016
Last Update	22 December 2016
Expiration Date	22 December 2017
Reference	RDES20161201001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/956c06e0-343e-4bf9-800e-e434e920abfb

Details

Description

Heart failure (HF) is the leading cause of hospital admissions in the Medicare population, in addition to its high prevalence, hospitalization for decompensated heart failure is associated with extraordinarily high rates of morbidity and mortality. Moreover the diagnosis of heart failure can be difficult because some patients remain asymptomatic. In this context, the laboratory measurement of specific hormones produced by cardiac myocite in relation to increased wall stress and pressure as well as to other cardiac insult, has demonstrated an additive diagnostic power respect to traditional clinical approach: thus the blood assays of hormonal markers such as B-type natriuretic peptide (BNP), its precursor natriuretic (NT)-pro BNP and atrial natriuretic peptide (ANP) is universally accepted in the diagnostic algorithm and it is entered in the European and American guidelines for Heart failure management. However, serial dosages of the current hormones are limited to hospitalized patients and not available in the peripheral areas or in the general practice outpatient place.

In this project they aim to realize a non-invasive optoelectronic label free sensor based on biofunctionalized plasmonic nanoparticles with surface plasmon resonance (SPR) as read-out signal combined with microfluidic for BNP detection for assessing ventricular function and systemic congestion status which may be useful both for the diagnosis and monitoring of the response to medical therapy. An automatic device will be designed and validated to be used in clinic environment as diagnostic tool for BNP.

The combination of plasmonic nanoparticles with microfluidic architectures will allow increasing complex experiments and events to be monitored at the sensor/channel wall, such as the interaction of proteins and cells with immobilized biospecific markers or the growth of biofilm.

Their main goals are:
 synthesize and develop an efficient biosensor architecture for the BNP detection in blood plasma;
 maximize the chemical synthesis and biorecognition efficiency through nanoscale simulations and experiments, optimizing the sensor architecture;
 engineer and validation in vitro of the technological platform;
 clinic test and validate the assembled device in hospitalized patients for an immediate diagnosis of HF.
They are looking for SME would have interest and expertise on the cardiology field.
EOI Deadline: 10th January 2017
Deadline for call: 16th January 2017

Advantages and Innovations

Main advantages over the existing diagnostic tools are envisaged for example a more sensibility, faster detection, and lower cost. We remark that existing methods for detecting BNP might take a few hours that are precious in diagnosing and treatment of HF. The biosensor will have a role in detecting, monitoring and allowing the prevention of episodes of acute HF in high-risk patients.

Stage of Development

Concept stage

Keywords

Technology

06001011	Heart and blood circulation illnesses
06004	Micro- and Nanotechnology related to Biological sciences

Market

05001002	In-vitro diagnostics
05001003	Differential diagnosis
05001005	Molecular diagnosis
05003006	Other therapeutic (including defibrillators)
05004005	Diagnostic equipment

NACE

M.72.2.0	Research and experimental development on social sciences and humanities

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

University

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

A SME working in biomedicine and biosensing with interest on expand its activity with nanotechnology-based products. Ideally, the SME would have interest and expertise on the cardiology field.
The SME might assist on optimizing the production process at a large scale while complying with the safety and biocompatibility regulations. Additionally, the SME is expected to assist in the commercialization of the device.

Type and Size of Partner Sought

SME 11-50,SME <10,SME 51-250

Type of Partnership Considered

Research cooperation agreement

H2020: logistics/transportation partner sought

Summary

A German University of Applied Science is submitting a proposal to H2020 call MG-2016-2017 (Innovative ICT solutions for future logistics operations). The aim of the project is to create an online optimization platform that improves delivery processes and schedules for transport companies by exploiting synergy effects like combining transport orders of different companies. They seek partners from transport/logistics sector as used-case partners or platform providers

Creation Date	07 December 2016
Last Update	07 December 2016
Expiration Date	07 December 2017
Reference	RDDE20161207001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/3560e4bf-30c0-410c-8e2a-e1ee205dbafd

Details

Description

Problem being addressed:

In current transport companies, optimization of delivery schedules is usually done in a static way which means that a schedule is calculated during the night and carried out the next day. This implies that dynamically occurring events (like traffic jams, new orders, breakdown of vehicles etc.) cannot be taken into account in real time but at the earliest during the following night while calculating a new schedule. This and the fact that delivery companies usually rather compete than cooperate lead to untapped business potential.

To overcome this problem a German University of Applied Science is going to submit a proposal under the call H2020 2016-2017 Mobility for Growth - Topic: Innovative ICT solutions for future logistics operations.

The scope of this project is to investigate the possibilities of an optimization as a service scenario, in which transport companies leave their optimization processes completely to an optimization service provider (Fourth Party Logistics Provider (4PL)), which has the following tasks:

- Gather event data and respond in real time
- Online-adaption of optimization process to environmental changes
- Proposal of adapted, optimal delivery schedules
- Anticipation and preparation for future events

One main problem of the 4PL approach refers to data privacy. To address this properly, the university wants to implement a system architecture for data management and data privacy mainly based on decentralization of data storage and data access management which is

currently developed by one of their partners.
So far the consortium consists of partners from Germany, Austria and Slovenia.

Research being done:

- Algorithms for dynamic optimization
- Optimization on business process level
- Data Privacy
- Traffic control aspects
- Cost and business models

Requirements and roles of potential partners:

- Transportation SMEs (preferably not German, intermodal and Europe-wide) applying the service and acting as use-case partners
- Logistics companies / 4PL-Providers (SME/large company) as platform providers (they should provide infrastructure for platform development, host platform, provide knowledge in transportation sector, establish connections to potential platform users)

Deadline for EoIs: 13 January 2017
Deadline for the call: first stage proposal deadline is 26th January 2017
2nd stage Deadline: 19 October 2017
Project duration: 36 months
Type of action: RIA Research and Innovation action

Stage of Development

Proposal under development

Keywords

Technology

01004003	Applications for Transport and Logistics
01004012	Operation Planning and Scheduler System
02008002	Intermodal Transport
02008003	Logistics

Market

09001002	Trucking
09001007	Other transportation

NACE

M.74.9.0	Other professional, scientific and technical activities n.e.c.

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Automotive, Transport and Logistics

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
German

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: Transportation-SME, 4PL-Provider (SME/large)
- Specific area of activity of the partner: 4th Party Logistics Provider, Transportation Company

(preferably intermodal)
- Tasks to be performed by the partner: act as use-case partners or platform providers which would mean to provide the infrastructure for platform development and host the platform, as well as to provide knowledge in the transport sector and establish contacts to potential platform useres.

Type of Partnership Considered

Research cooperation agreement

H2020 SC1-PM-16-2017 call: Partners sought for evaluation of health and socio-economic impacts of in-silico trials.

Summary

A French-based consortium is preparing a proposal for the Horizon 2020 SC1-PM-16-2017 call: "In-silico trials for developing and assessing biomedical products". The project is to propose a novel 3D-digital and physiological model of the liver perfusion, capable of simulating the injection of a drug and its impact upon healthy tissues and hepatic lesions. The research team is looking for private or public partners in economics and public health to evaluate the project's economic impacts.

Creation Date	02 December 2016
Last Update	02 December 2016
Expiration Date	02 December 2017
Reference	RDFR20161202001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/b324be3a-a615-4b6d-8f3c-5c9e5b99aa06

Details

Description

The development of in-silico trials is an international scale challenge. The European Commission strongly promotes reduction of animal testing and human trials, as evidenced by several Horizon 2020 calls in Health Societal challenge.

A French university is building a consortium to propose in-silico trials based on a novel 3D-digital and physiological model of the liver perfusion to test the injection of drugs for the treatment of hepatic diseases. This will help medical doctors to plan protocols faster and better, as they will benefit from a computerized prediction of the effect of one or several drugs on a patient, before employing it practically.

The project requires a high multi-disciplinarity including:
- ICT : computer vision, medical image processing, digital geometry.
- Medicine: clinical practice, hepatology, hepatic surgery.
- Chemistry, Physiology: identification of optimal parameters for the in-silico trial, assessment of drug delivery and action
-Economics: Estimates of benefits for human health (and animal welfare), cost-effectiveness and cost-utility modeling.

The consortium is looking for public or private partners specialized in medico-economic studies with decision-making tools aimed at optimizing the use of 3D-model of the liver perfusion and in-silico trial model as well as evaluating the economic impacts in terms of health outcomes at a population level.

The project will be submitted on the H2020 Personalised Medicine programme SC1-PM-16-2017 call which has a deadline 14 March 2017, 17h.
The deadline for expression of interest is January 27th.

Advantages and Innovations

The main goal is to develop a 3D-model for relevant clinical trials that can be personalized to each patient.

The proposed project is expected to provide a low-cost and reusable in-silico model that could act as a supporting tool design to evaluate the drug efficiency.

This would allow a reduction of animal testing and human clinical trials.

Stage of Development

Project in negotiations - urgent

IPR Status

Secret Know-how

Keywords

Technology

01003016	Simulation
06001002	Clinical Research, Trials
06001015	Pharmaceutical Products / Drugs
11	SOCIAL AND ECONOMICS CONCERNS
11001	Socio-economic models, economic aspects

Market

02007012	Medical/health software
05	MEDICAL/HEALTH RELATED
05003005	Drug delivery and other equipment
05005014	Oncology

NACE

M.72	Scientific research and development

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Dissemination

Send to Sector Group
Healthcare

Client

Type and Size of Organisation Behind the Profile

University

Year Established
2014

Turnover
<1M

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

2014: year established of the consortium

Languages Spoken

English
French

Client Country
France

Partner Sought

Type and Role of Partner Sought

The consortium is looking for public or private partners specialized in medico-economic studies with decision-making tools aimed at optimizing the use of 3D-model of the liver perfusion and in-silico trial model as well as evaluating the economic impacts in terms of health outcomes at a population level.

Type of partners: research and academic institutions , private companies
Specific area: medico-economic evaluation
- Strategic guidance and recommendations for cost-effectiveness studies, and for quantification of benefits for human health (and animal welfare)
- Development of budget impact models.

Type of Partnership Considered

Research cooperation agreement

H2020: partner sought to create a sustainable market of nickel-low-level tomato

Summary

An Italian academic research group specialized in biotechnology research is developing a project proposal which aims at creating a sustainable tomatoes market chain starting with selection of low-nickel-level tomato cultivars, continuing with an adequate tomato transformation and finally realizing innovative tomato packaging allowing to avoid nickel release. The group is looking for partners active at different food chain production levels to submit the proposal under EU H2020-SFS-2016-2017 call

Creation Date	28 November 2016
Last Update	02 December 2016
Expiration Date	02 December 2017
Reference	RDIT20161117001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/095991e1-b1d3-44ef-9a18-fa7ee27256bc

Details

Description

Nickel (Ni) is an essential micronutrient for living organisms, but it can be toxic if taken at high level, thus representing a threat to both environment and public health worldwide.
Today the 6,24% of agricultural soils (approximately 137.000 km2) have a high Ni level largely exceeding the law limits. Ni is able to enter the food chain by plant edible tissues causing serious damage on human health e.g., the Systemic Nickel Allergy Syndrome (SNAS) in sensitive people.
One of the main exposures to Ni for human population is linked to diet and several foods have a high constitutive Ni level. For most crop species the normal Ni concentration in plant tissues is 0.05-10 mg g–1 DW and above this upper limit toxicity symptoms are likely to occur.
Tomato (Lycopersicon esculentum (L.) Karsten ex Farw.) is one of the main diet component worldwide. Although Ni level in tomato is not the highest among foods, this vegetable is widely used and its consumption significantly increased in the latest 20 years.
Daily ingestion of tomato can vary depending on geographical area (e.g., 5.9 g d-1 in Netherland, 47.5 g d-1 in Germany and 112.5 g d-1 in Greece). People affected by SNAS ranges from 1.5% in northern Europe to 16% in Italy and bordering countries. These people must exclude tomato from their diet. As a consequence, even a Ni-free plant can not exist, the selection of a Ni low-level healthier tomato via different practices (e.g., Ni uptake characterization, Ni low-level cultivar selection, best agricultural practices, etc.) represents a great opportunity for the population to enhance their daily diet.
The main goal of the present project is to create a sustainable market chain starting with selection of low-nickel-level tomato cultivars, continuing with adequate tomato transformation and finally with tomato packaging to avoid nickel release.
The research group is looking for agricultural companies active in tomato growing (in a sustainable way) and transformation, research center or University, SMEs expert in low-Nichel

input packaging for tomatoes.
The project thus aims at developing and testing new methodologies to obtain a nickel-low-level tomato. Said methodolgies shall involve the whole production chain: tomatoes cultivation, processing and packaging.
The Italian research group also aims at creating a sustainable transnational partnership so to guarantee a continuous exchange and sharing of research results among the partners.
The proposal will be submitted under EU H2020-SFS-2016-2017 call; the topic is "Support to the development and implementation of FOOD 2030 - a European research and innovation policy framework for food and nutrition security".
Deadline for the call: 14-02-2017
Deadline for the EOI: 15-01-2017
Project duration: around 3 years

Advantages and Innovations

- developing and testing innovative methodologies to obtain a nickel-low-level tomato
- creating a sustainable tomato market chain involving the whole production chain: tomatoes cultivation, processing and packaging
- creating a specific research and innovation area giving a breakthroughs in the field of food safety
- giving a significant contribution to the development and implementation of the European Commission FOOD 2030 initiative

Stage of Development

Proposal under development

Comments Regarding Stage of Development

Project proposal will be deepened after partnership definition

Keywords

Technology

06005003	Health information management

Market

05008002	Food and feed ingredients

NACE

M.72.1.1	Research and experimental development on biotechnology

Network Contact

Issuing Partner

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Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

University

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English
Italian

Client Country

Italy

Partner Sought

Type and Role of Partner Sought

Partners at different levels are required, in line with the characteristics described here below.

Production level:
- at least one R&D institution or University which has studied sustainable agricultural practice to grow tomato
- at least one tomato grower which has selected low-nickel-level tomato cultivar
- at least three SMEs (also SMEs clusters) leader in growing tomato in a sustainable way and devoted to new productive low-input tomato lines (preferably from the Mediterranean area)

Food processing level:
- at least one expert of tomato processing and/or a SME with tomatos transformation plant

Packaging level:
- at least one SME or a SMEs cluster expert in low-Nickel input packaging for tomatos

Dissemination and awareness level:
- scientific associations with expertise in communication and dissemination, national and local public institutions to raise awareness in population

Type and Size of Partner Sought

SME 11-50,R&D Institution,SME <10,251-500,SME 51-250

Type of Partnership Considered

Research cooperation agreement

H2020: technical partners to develop a waste-less separation technology for processing uranium mines waste

Summary

A Dutch-led consortium is preparing a proposal for the Horizon 2020 call: SC5-13-2016-2017. The project is dedicated to develop an eco-friendly, highly efficient and waste-less separation technology for processing uranium mines waste. The consortium is especially looking for companies which have experience in utilising the waste of uranium mines or are producing separation equipment for separating radioactive materials.

Creation Date	29 November 2016
Last Update	05 December 2016
Expiration Date	05 December 2017
Reference	RDNL20161125001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/2e48a671-a3d5-4bac-bc71-f8a5e8205437

Details

Description

The Dutch-led international consortium of specialists from 5 European countries intends to develop the world's first uranium dump utilization technology for highly precise waste-less separation of rock-mass into construction material and uranium concentrate. Waste separation is facilitated by developing unique radiation-magnetic separator systems.

The project scope includes:
• Laboratory and industrial research;
• Research, modelling, development and production of prototypes;
• Testing and demonstration of experimental radiation-magnetic separators;
• Field testing of the new prototypes to confirm achieved technological parameters and prepare their industrial production.

To this day over 20 million tons of uranium waste has been accumulated only in European countries such as Bulgaria, Romania, Czech Republic, Poland, Ukraine. In Ukraine alone there are about 8 million tons of such wastes stored in dumps.
These radioactive dumps and the surrounding sanitary zones occupy considerable area of Europe in excess of more than 100 square kilometre and cause serious ecological problems by producing radioactive dust and radon gas.

This eco-friendly technology will not only start the environmental rehabilitation of large areas of Europe, it will also be a significant step towards implementing waste-less mining of uranium and other radioactive materials.

The positive results of the feasibility study have shown that project targets are realistic and achievable.

The consortium includes European SME companies that are recognized specialists in the following areas: radioactive measurements, magnetic systems, separating technique, mining of radioactive materials and radioactive safety of uranium mines.

The consortium is looking especially for companies, which have experience in:
- utilising the waste of uranium mines;
- producing separation equipment for separating radioactive materials.
Furthermore the consortium also invites all other interested companies and specialists to participate in the proposed project.

Funding programme: Horizon 2020 call: SC5-13-2016-2017
Deadline for the call: 7 March 2017
Deadline for the EoI: 1 March 2017
Anticipated duration: The project is planned to be realized within 3 years.

In case it is not possible to realize a qualitative good consortium in time before the deadline, other options will be sought to submit a proposal in other programmes (such as H2020 SC5-14-2016-2017: Raw materials Innovation actions, LIFE, Eurostars, ….).

Advantages and Innovations

There is currently no comparable technology being used anywhere in the world. The uranium waste will be separated into construction material and uranium concentrate.

Extracted construction material of the third radioactivity class (activity less than 1200 Becquerel per kilogram) can be used for filling waste sand careers, erosional ravines, waste blocks of mines, et cetera.

Extracted uranium concentrate can be used for producing elemental uranium by hydro-metallurgical technology.

In order to achieve the above:
• New precision radioactivity sensors will be created, allowing to reach a minimum accuracy of 97%. Such sensors also can be used for waste-less uranium mining.
• Precision magnetic field sensors will be used for magnetic separation of materials with weak magnetic properties. This will significantly increase the effectiveness of all types of magnetic separation in various industries.
• Unique, radiation-magnetic separation systems will be created to improve the efficiency, productivity and environmental safety of all types of radioactive material production.

Stage of Development

Project in negotiations - urgent

Comments Regarding Stage of Development

Preliminary feasibility study on the proposed separation methods has been conducted in one of the Ukrainian uranium mines.

IPR Status

Secret Know-how,Patent(s) applied for but not yet granted

Keywords

Technology

02002012	Mixing (powder, etc.), separation (sorting, filtering)
05004006	Other Processes
10002007	Environmental Engineering / Technology
10002013	Clean Production / Green Technologies
10003005	Radioactive Waste

Market

08001015	Other speciality materials
08003003	Mining machinery
08004002	Chemical and solid material recycling
08004003	Water treatment equipment and waste disposal systems
08005	Other Industrial Products (not elsewhere classified)

NACE

B.08.9.9	Other mining and quarrying n.e.c.
C.28.9.2	Manufacture of machinery for mining, quarrying and construction
E.38.3.2	Recovery of sorted materials
M.72.1.9	Other research and experimental development on natural sciences and engineering

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : Yes

Dissemination

Send to Sector Group

Materials

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2004

Turnover

1 - 10M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Dutch
Russian

Client Country

Netherlands

Partner Sought

Type and Role of Partner Sought

Type of partners:
Industry / research

Role of partners:
The consortium is looking especially for companies, which have experience in:
- utilising the waste of uranium mines;
- producing separation equipment for separating radioactive materials.
The missing part of the consortium is desired to focus on the engineering and production tasks and activities of the whole separation line, inclusive the mechanical transport system.
Also companies interested in utilising the waste, that means companies interested in the material that can used as building material and companies interested in the uranium concentrate, are welcome to join the project.
The expertise for the subsystems radioactive measurements, the magnetic systems to be used and the method for separation is already available.
Furthermore the consortium also invites all other interested companies and specialists to participate in the proposed project.

Type and Size of Partner Sought

R&D Institution,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Research cooperation agreement

H2020: CIRC-01-2016-2017: Looking for industrial and public partners from the built environment interested in integrating circular economy principles

Summary

A German-based international non-profit organisation, specialized in circular economy and sustainable business models is planning to submit a H2020 project in "Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects" (CIRC-01-2016-2017) in the field of building and construction. Partners sought for this research co-operation are commercial or public building operators.

Creation Date	14 December 2016
Last Update	16 December 2016
Expiration Date	16 December 2017
Reference	RDDE20161214001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/66c1ac14-7cfd-4c09-bc2e-b41222bf0417

Details

Description

A German-based international non-profit organisation and four research organisations are developing a H2020 proposal "Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects"

The objective is to stimulate circular economy principles in the built environment (including the product manufacturing, building design, construction, use and maintenance and end-of-life stages of the building and its utilities), with ICT as enabler.

Specific objectives include
• To enhance the suppliers' engagement and empower their development of different business models and delivery of value propositions for circular demands in the built environment;
• To enhance the performance of circular building using ICT as an enabler
• To demonstrate the above in smart office environments

The consortium will demonstrate the impact of ICT (such as Internet of Things (IoT)) on performance oriented business models and contract forms. Based on that they will build a guideline presenting a replicable methodology for designing, constructing, and operating circular building. The consortium aims for a large market uptake of circular economy in the building sector. Three to five demonstrators, which are supported by commercial or public building operators and their value chain partners, will be selected to detail and evaluate how the guideline application can
• enable conventional construction and utility service companies or similar to shape and improve

their offer to the clients' performance-oriented demand, and
• enable traditional manufacturers to shape their offers in a way that they match with the managers' needs defined by the business model

The present consortium consists of five research organisations from three countries.

To develop the project, the consortium is looking for commercial or public building operators , including players from the design, manufacturing, contracting, engineering and refurbishment and demolition communities. The desired partner should be active or ambitious in circular economy innovation, especially in transition to the performance-oriented offers or product-to-service models for commercial or public buildings. At the proposal stage, the partner would cooperate with research partners and other value chain players to jointly identify and conceptualize fitting demonstration cases, which will be the pilot cases to test the application of an ICT-based toolbox for enabling transition to circular building at various building lifecycle stages.

Deadline for submission of proposal: 7th March 2017

Deadline for expressions of interest: 20th January 2017

Stage of Development

Proposal under development

Keywords

Technology

02006	Construction Technology
02006001	Materials, components and systems for construction
02006002	Construction methods and equipment
02006005	Construction maintenance and monitoring methods & equipment
10003004	Recycling, Recovery

Market

08004	Pollution and Recycling Related
09007	Construction and Building Products
09007001	Construction companies
09007002	Manufacture of construction materials, components and systems
09007004	Engineering and consulting services related to construction

NACE

M.72.2	Research and experimental development on social sciences and humanities

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Environment

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

The consortium is looking for commercial or public building operators, who can engage various industrial players along the building value chain and lead a demonstration case on how to design, construct/ renovate, maintain and demolish a commercial building with circular economy

principle.

The partners could be:
• Construction contract management companies
• Manufacturers of construction material and housing products (including suppliers for structure, skin, service, and stuff in the building)
• Facility management companies
• Sustainable construction associations

Demonstration (pilot) cases are to be jointly identified.

Type of Partnership Considered

Research cooperation agreement

H2020 call CULT-COOP-09-2017 looking for partners: universities, research centers or museum.

Summary

An Italian university research team, with expertise in cultural heritage focused on performing arts, is looking for partners such as universities, research institutions or museum, for a project proposal H2020 call CULT-COOP-09-2017. The proposal focuses on connecting different archives in order to map historical reconstructions of the cultural "shows".

Creation Date	21 December 2016
Last Update	21 December 2016
Expiration Date	21 December 2017
Reference	RDIT20161212001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/9d69bc73-603f-4b47-b85c-097f99056f74

Details

Description

The call aims to better understand and inform the present by richer interpretations of the past, actions should create affordable and efficient digital access, documentary methods analysis and preservation services for cultural resources. This should be achieved by tackling issues such as automatic contextualisation and identification of content and by developing analytical tools, including methods for automatically finding content which is semantically similar to a given item, or content which is related to a given high-level concept.
This aspect also calls for fundamental work related to the philosophy of meta-data designs especially of language-based data that should be in close coherence with the architecture and typology of human conceptual systems.
Actions should also develop innovative tools and methods to extract meaning from digital artefacts (including video recordings, audio recordings, digital images, text, multispectral and thermal information and 3D representations of objects or scenes) considering also the spatio-temporal dimension and the quality of the digital content in order to allow the study and preservation of European heritage. The work must fundamentally address the issue of data quality and interoperability.

The proposal intends to present a new way of taking into account the state of the art in computer science and big data management for identifying the content of the items in such collections, making such items discoverable and accessible.
The project aims to connect several archives in Europe to collect necessary data to the mapping and historical reconstruction of the cultural 'show' whose performances have taken place in different times and languages.
Project team will work on large collections of digitised data in archives, museums, and at cultural heritage sites that contain a wealth of digital texts, images, audio-visual content and 3D representations of objects or scenes about performing arts that are not accessible and not

sufficiently tagged with adequate metadata.

The research team seeks to collaborate with Universities, research institutions, museums, libraries and archives that have invested funds for the digitization and therefore have increased their digital assets, possibly in significant quantities, but have not had the possibility of adequately tagging the digitized assets with the appropriate metadata.

Timescale:
Call deadline (1st stage): 2/2/2017
Expression of interest deadline: 10/01/2017

Stage of Development

Proposal under development

Keywords

Technology

11003	Information and media, society
11008	Creative services

Market

07001001	Movies, movie products and theatre operations

NACE

R.90.0.2	Support activities to performing arts

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

Pawel Zebrowski

Phone Number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

University

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

Italy

Partner Sought

Type and Role of Partner Sought

Partners sought are Universities or research institutions or Museums.
Partners should be involved in cultural heritage activities and in particular, in performing arts. They should have collections of datas related to performing arts in order to be analyzed with advanced techniques. Data should be at project disposal to create useful links with similar items.

Partners interested in joing the consortium should send a reply in a very short time to be involved in drafting the proposal.

Type and Size of Partner Sought

University,R&D Institution,>500

Type of Partnership Considered

Research cooperation agreement

H2020: search for partners with expertise in thermal energy

Summary

A Turkish regional developement agency who is co-ordinator on a Horizon 2020, EE-04-2016-2017 "New heating and cooling solutions using low grade sources of thermal energy" is looking for partners who is experienced on geothermal energy systems. The project aims to comprise highly efficient low-temperature district heating systems that reducing heat distribution losses and thermal demand though advance control mechanisms.

Creation Date	19 December 2016
Last Update	21 December 2016
Expiration Date	21 December 2017
Reference	RDTR20161219001
Profile link	http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/ccb3f07c-4f89-4b96-8eb3-90d60344b345

Details

Description

The purpose of the project is to increase energy efficiency and the capacity of the tourism geothermal heating network in Gecek, Afyon, Turkey. Addition to this, new financial controlling model for the network users aims to develop. The EU partner contribute is assumed to gain technical and implemental approach.

The project will be implemented on delivery and return lines through geothermal wells located in Gecek District of Afyonkarahisar which is 9,5 km distant from the implementation area in Turkey.

The system to be designed within the project will be able to be easily used in the heating and distribution systems which will also be available for all types of energy sources (e.g. natural gas, coal, electricity, fuel oil, etc.) without depending on only geothermal energy system. The system aims to achieve the total efficiency in distribution systems overall.

Since the balance and control will be undertaken on the system, the maximum efficiency will be able to be provided without depending on the building density around the implementation area. Also, the geothermal energy source to be provided in control will promote the effective and efficient use of geothermal and lower the electricity use as it is the biggest expense in the geothermal heating system.

The partners can be public and private organisations with the expertise in energy efficiency, heating systems, business models, environmental studies, ICT etc.

Deadline for call: 19 January 2017
Expected budged is 4 – 4,5 Million Euro.

Project duration will be 36 months.
EOI Deadline:10 January 2017

Stage of Development

Proposal under development

Keywords

Technology

04001002	Heat transport and supply, district heating

Market

06003005	Geothermal energy
06003007	District heating

NACE

C.24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
C.25.2.1	Manufacture of central heating radiators and boilers
M.72.1	Research and experimental development on natural sciences and engineering

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

Pawel Zebrowski

Phone Number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI : Yes

Client

Type and Size of Organisation Behind the Profile

Other

Year Established

2009

Turnover

1 - 10M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

Turkish
English

Client Country

Turkey

Partner Sought

Type and Role of Partner Sought

Agency is looking for partners that have experience at the least one of the following fields;

Geothermal systems, energy efficiency, geothermal heating systems and pumps, energy efficiency studies on heating systems, design and develop simulations for the heating system for the industrial buildings/buildings, business model on heat distribution systems, environmental impact studies on renewable energy sources, ICT companies, district heating companies

Partners mainly will assume to contribute the project on the issues below;

Research Institutes and Universities work on geothermal district heating and simulation,SMEs on manufacture for district heating equipment,ICT companies,district heating companies for the second demonstration side, public institutions for dissemination.

Type and Size of Partner Sought

University,R&D Institution,>500 MNE,SME 51-250,>500

Type of Partnership Considered

Research cooperation agreement