

Partnering Opportunity

Profile status : Published

Research Development Request

A Berlin based non-profit foundation is looking for an application partner from the field of mobility, buildings or smart city for a third-party call (DigiFed)

Summary

The Berlin based non-profit foundation developing next generation protocols is looking for an application partner for a TWIN Application Experiment for the third-party call DigiFed. The sought partner should be an SME from the field of mobility, buildings or smart city.

The foundation provides a protocol that can be used to transact data and value in a secure and privacy preserving manner and which can be used to digitalise existing things for a variety of use cases.

Creation Date 22 September 2020

Last Update 24 September 2020

Expiration Date 15 November 2020

Reference RDDE20200921001

Public Link <https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/65fa6968-b847-4afa-8459-552793bd6a19>

Details

Description

The foundation (which is certified as an SME from the EC) maintains an open source distributed ledger technology, which supports secure, privacy preserving, decentralized data and value transfers. The purpose is to promote science, research and education, focusing on the further development of the technology. The foundation further enables companies, developers and others to build solutions leveraging the technology.

The goal of the TWIN Application Experiment DigiFed project would be to develop new applications and business models based on the open source distributed ledger technology. The application partner sought should come from the field of mobility, buildings or smart city and interest in digitalising their existing capabilities.

The mission of the foundation is to further develop and test the protocol and the technologies based on it and to systematically integrate user feedback. As a non-profit foundation, their work is not profit-oriented. The foundation is financed by donations, public funds (e.g. in the context of EU Horizon 2020 projects) and partner-financed project implementation.

Deadline for EOIs is the 15.11.2020, deadline for the call is 15.12.2020.

Advantages and innovations

- Open source and permissionless: anybody can use the technology at no costs. No vendor lock-in through open source infrastructure. New partners can be easily onboarded.
- The technology are built around privacy by design and fully GDPR compliant giving users full control over their own data.
- The company enables immutable data and value transfers improving data integrity, authenticity and auditability.
- Lightweight core protocol runs on small devices and sensors, with minimal energy requirements
- Solutions built on the technology are fast and scalable thanks to their Directed Acyclic Graph (DAG) infrastructure

Stage of development

Already on the market

Comments Regarding Stage of Development

The foundation provides an open-source infrastructure, which should be further developed and tested.

Keywords

Technology

| | |
|----------|--|
| 01003006 | Computer Software |
| 01003008 | Data Processing / Data Interchange, Middleware |
| 01003010 | Databases, Database Management, Data Mining |
| 01003013 | Information Technology/Informatics |
| 01003025 | Internet of Things |

Market

| | |
|----------|--|
| 02007001 | Systems software |
| 02007002 | Database and file management |
| 02007003 | Operating systems and utilities |
| 02007022 | Software services |
| 02007024 | Programming services/systems engineering |

NACE

| | |
|----------|--|
| J.62.0.1 | Computer programming activities |
| J.62.0.9 | Other information technology and computer service activities |
| J.63.1.1 | Data processing, hosting and related activities |
| J.63.9.9 | Other information service activities n.e.c. |

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

ZEBROWSKI Pawel

Phone number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI: **Yes**

Dissemination

Relevant sector groups

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Year Established

2011

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
German

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

The application partner sought should be an SME from the field of mobility, buildings or smart city and should have interest in digitalising their existing capabilities.

The goal of the TWIN Application Experiment DigiFed project would be to develop new applications and business models based on the open source distributed ledger technology.

Type and Size of Partner Sought

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

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

H2020

Call title and identifier

DigiFed 2nd call Application Experiment

Submission and evaluation scheme

single-stage

Anticipated Project Budget

up to 55k € in funding

Coordinator required

No

Deadline for EOI

15 Nov 2020

Deadline of the Call

15 Dec 2020

Weblink to the call

<https://digifed.org/explore/open-calls/>

Attachments
