Technology Request

Off-grid solar system with stand-alone payment process

Summary

UK company providing bespoke technical solutions and consultancy services for sustainable energy generation and waste disposal is seeking collaboration for building an off-grid solar energy system with stand-alone "pay as you go" payment process designed for non-electrified areas in developing countries. The collaboration can be based on joint venture or technological cooperation agreement with other technological consultancies or solar systems manufacturers to customise or develop from scratch.

Expiration Date 01 March 2018
Reference TRUK20170227001
Profile link

Details

Description

The rationale for the proposed technology lays in the ever growing need for affordable sustainably sourced energy in most of the developing countries – a solution that caters for low income earners and smallholders.
Over 1 billion people have highly unreliable connections to national electricity grids or are without access to reliable electricity. These consumers turn to costly and unhealthy energy alternatives, such as kerosene and candles for lighting, disposable lead-acid batteries for torches, and diesel to run generators.
As an example In Sub-Saharan Africa, 57% of the population lack access to electricity. In Nigeria alone, over 100 million people, or 55% of the population, are non-electrified, mostly living in peri-urban and rural areas. In contrast, mobile networks have become the predominant infrastructure, with over 85% of the population living within mobile coverage.
With high mobile coverage and a large non-electrified population in a good number of countries within the Sub-Saharan Africa, this UK-based company sees large potential for joint development and roll-out of an affordable and sustainable off-grid solar energy solution with stand-alone payment process to help alleviate the above energy problems.
The system would have a Machine-to-Machine connectivity enabling a remote monitoring, control, and data collection, with integrated PAYG ("pay-as-you-go") or similar stand-alone mobile payment process.
The proposed off-grid solar systems would be capable of:
• Producing varying output capacities (per unit) between 30 W and 150 W.
• Efficiently storing generated energy
• Using Pay-As-You-Go (PAYG) mobile technologies
• Using scratch card pin solution as an alternative to PAYG.
• Wireless Power Transfer (WPT) between units of proposed system
• Wireless processing of system information to a base control system

The company looks to collaborate on this project and share its benefits via joint venture or technological cooperation agreement with other technology solution providers or solar systems manufacturers.

Technical Specification or Expertise Sought

The company sees this as an opportunity for a collaborative project with other interested companies that have an expertise in one or more of the following areas:
• Production of small scale solar systems with varying output capacities between 30 W and 150 W per unit.
• Production of small energy storage units.
• ICT integrator of the mobile payment solution and the monitoring software suit.
• Interested renewable energy funds and investors are also welcome.

Keywords

Technology

01006003	Mobile Communications
04001003	Storage of electricity, batteries
04005004	Photovoltaics
04005005	Solar/Thermal energy

Market

02007001	Systems software
02007013	Banks/financial institutions software
06003001	Solar/thermal energy
06003002	Photovoltaics

NACE

D.35.1.1	Production of electricity
J.62.0.2	Computer consultancy activities
J.62.0.3	Computer facilities management activities

Open for EOI : Yes

Dissemination

Send to Sector Group

Intelligent Energy

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

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

The company is interested in joint development and technical cooperation with two types of potential partners:
• Where similar technology already exists to one that is being proposed, such template could be customised to meet this request.
• Where a complete solution does not exist, this is an opportunity to develop a new product from scratch with a committed solar systems company.

Type of Partnership Considered

Technical cooperation agreement
Joint venture agreement

Business Offer

Portuguese SME specialized in gamification and innovation products and services offers its new serious board game, for team engagement in idea development, to partners interested in license agreements.

Summary

This Portuguese SME is offering a serious board game designed to help teams addressing challenges, needs or problems while developing entrepreneurial and innovation capabilities and turning ideas into executable solutions. The company is looking for academic or business partners, start-up hubs and incubators, available for license agreements. Target countries are Denmark, Finland, Germany, Iceland, Italy, Norway, Sweden and United Kingdom.

Expiration Date	13 January 2018
Reference	BOPT20161121001
Profile link	

Details

Description

Founded in 2010, this 100% customer-centric-oriented Portuguese company manages a diverse portfolio of tools and services applying innovation management approaches and gamification theories to develop innovation-related skills and capabilities.

The SME is seeking partners to license its new product - a serious board game (a method and tool that uses cooking metaphors) designed to create and build entrepreneurial and innovation management skills and capabilities in teams (such as oriented ideation, creativity, problem and conflict management resolution, communication values and ideas, innovation projects and team engagement).

This method and tool was developed in close cooperation with distinct and skilled stakeholders from Portugal and Italy (e.g.: Design School of Polytechnic of Milan). Launched in 2015, the product has been adopted by organizations from different business areas (technology, health, consulting, public bodies and universities).

The company would like to enlarge its customer base by getting access to markets in Denmark, Finland, Germany, Iceland, Italy, Norway, Sweden and United Kingdom.

The company would like to cooperate with business or institutional partners operating abroad (e.g.: business consultancies boutiques, universities, start-up hubs/incubators, Industry or R&D Institutions) interested in integrating the company's method and tool (serious board game) in their portfolio. Partners are expected to have access to potential end-customers and must be savvy and willing to propose a new way of learning new capabilities to their clients. The

Portuguese SME will support partners with proper training and practice in the method and tool.

Mode of cooperation sought is license agreement.

Advantages and Innovations

The Product

- A serious board game (a method and tool) designed to boost a creative and innovative culture, to develop team spirit, collaboration, entrepreneurial and communication skills and capabilities. Therefore, it offers a different consulting approach – compared to other consulting tools / methods available in the market - to train creativity and idea development at team level. The game provides a framework not only for supporting oriented brainstorming sessions also for (documented) idea development from the very beginning all the way to project planning and/or product and service prototyping. In the end, teams are provided with a final report which should help in the decision-making process about whether to move from theory to practice, i.e., to move to concept / project implementation. The game goes beyond other creative-based gaming tools (which tend to focus more on the game dynamics, on the playing methods) by forcing companies to consider real implementation circumstances /criteria.
- Already on the market, the product has drawn attention from clients from universities and corporations on different business areas (e.g. health, technology, etc.) for solving challenges and education and training.

Company

- Highly customer-centric company focused on gamification and innovation best practices supported by a top management orientation that gives great emphasis to co-creation development and stakeholders.
- Supported by strong and specialized partners in their country of origin (Portugal) and with relevant connections to academic institutions in Portugal and in Italy.
- A consulting approach to innovation management that relies on in-house and R&D-based methods and tools which place organizational culture, teams and human capabilities at the center of innovation strategy, activities and practices.

Technical Specification or Expertise Sought

Partners should be companies or institutions (e.g.: business consultancies, training organizations, universities, start-up hubs/incubators, Industry or R&D Institutions) able to act as internationalization partners for the Portuguese SME, through license agreements.

These partners are expected to be interested in integrating the game in their portfolio and exploit it further with their customer base. Preferably, partners should have a strong interest and / or relevant practice in the fields of innovation management, creativity, team and individual skills improvement (communication, negotiation, conflict management resolution, decision making).

Stage of Development

Already on the market

IPR Status

Trade Marks

Profile Origin

Private (in-house) research

Keywords

Technology

11002	Education and Training
11008	Creative services
11009	Creative products

Market

09003005	Consulting services

NACE

J.62.0.2	Computer consultancy activities

Open for EOI : Yes

Dissemination

Send to Sector Group

Creative Industries

Restrict Dissemination to Specific Countries

Denmark, Finland, Germany, Iceland, Italy, Norway, Sweden, UnitedKingdom,

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

2010

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English

Portuguese

Client Country

Portugal

Partner Sought

Type and Role of Partner Sought

The company would like to enlarge its customer base by getting access to international markets. In this case, the company would like to cooperate with business or institutional partners operating abroad (e.g.: business consultancies boutiques, universities, start-up hubs/incubators, Industry or R&D Institutions).
Partners will have an authorization to use and/or purchase this serious board game, as licensees, according to a previous license contract.
Partners will be trained to autonomously use the tool in future projects / assignments with their clients and will be coached by the Portuguese company in their first implementations; autonomy and accountability throughout commercial activities are expected from the partners.

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

License agreement

Business Offer

UK fashion agency is offering a revolutionary fashion buying software platform to clothing and accessory manufacturers who are looking to showcase and distribute their collections globally

Summary

UK based fashion agency has developed a revolutionary software platform which allows manufacturers to showcase their collections and buyers to view and make purchases straight from the catwalk The company is offering licence agreements to fashion clothing and accessory manufacturers who are looking to promote their brands globally. The software can be issued for a trial period in the first instance.

Expiration Date	10 November 2017
Reference	BOUK20160909002
Profile link	

Details

Description

British fashion agency who specialises in helping UK and global brands achieve sales into independent boutiques, department stores and big online stores.

The agency is offering a revolutionary user friendly software platform which allows brand manufacturers to showcase their collections and buyers to view and purchase online straight from the catwalk.

This powerful software platform has been developed for the wholesale fashion industry to help increase sales and market penetration globally. It will allow buyers to access multiple brands on one website.

The system will also include a wholesale fashion buying channel which allows buyers to order direct from catwalk shows within a few clicks.

The system will allow buyers to process orders live, deal with all enquiries efficiently and keep track of order fulfillment with integrated payment options included.

Brands will benefit from automated purchase orders, invoices, credits and returns saving expense on book-keeping and credit control.

Multiple currencies accepted and brands can interact with buyers globally. This efficient new way of working saves time, resource and money.

The company is offering this software platform to fashion and accessory manufacturers globally through licence agreements.

Advantages and Innovations

State of the art budgeting tools

Identify new trends, be shown special offers and using intelligent analytics be alerted to other brands of interest

Wholesale fashion buying channel with live daily catwalk shows

Order direct from exclusive fashion shows

Integrated payments, purchase from multiple brands through one order

Automated purchase orders and invoicing

Automated credits and returns

Stage of Development

Already on the market

Keywords

Market

02007014	Other industry specific software

NACE

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

Open for EOI : Yes

Dissemination

Send to Sector Group

Textile and Fashion

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

2016

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

The company is seeking fashion brand clothing and accessory manufacturers who are looking to showcase their collections globally

The company is offering to supply the software platform through licence agreements. The software can be issued for a trial period in the first instance.

Type and Size of Partner Sought

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

Type of Partnership Considered

License agreement