Technology Offer

Turkish company offers interactive and gamified learning application for companies and educational institutions.

Summary

A Turkish SME has developed a new application for smart phones and computers using interactive gamification techniques for learning. The product is a gamified version that helps retaining information and knowledge that has been given during training. This product is especially suitable for Y-Generation employees. The company is looking for partners for technical cooperation agreements and commercial agreements with technical assistance for further use and development.

Expiration Date 14 March 2017
Reference TOTR20150604001
Profile link

Details

Description

A Turkish SME has developed a platform in the field of game based learning systems. The application is a gamified quiz platform that targets Y-generation employees of companies. It can be located and used as information retaining tool for all trainings. With more than 10 different challenges stages in each level, tournaments, duels and leaderboard features, this application makes learning more fun and effective. The application can be used both mobile and personal computer platforms. It also has management platform. By using this platform companies can manage users, questions and reach detailed analysis regarding effectiveness of trainings and users learning progress. Additionally, with duel and tournament features, employees work with or compete with each other in friendly platform. Spaced repetition and feedback loops are vital to all types of learning, and these powerful techniques are incorporated into the entire platform. The product is a cloud-based platform. Training can be launched and users can be easily managed with just a few clicks through admin panel therefore application is user friendly. In addition to this, training based or user based detailed analysis are available on admin panel to manage their training programs effectively and intelligently. The product is available on the market and has been using by some big companies in Turkey. The company is looking for partners for technical cooperation agreements and commercial agreements with technical assistance for further use and development.

Advantages and Innovations

*The company has great experience in this field of gamification and game based learning systems.
*The company has worked with biggest Turkish companies and already tested its product.
*The main benefit of using this applications is that companies can get better efficiency from their employees in the training sessions.
*The application can help to enhance effectiveness of company employee after orientation or any specific training section by asking specific and enjoyable questions. Questions can be easily modified by company.

Stage of Development

Already on the market

IPR Status

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

Profile Origin

Private (in-house) research

Keywords

Technology

01004012	Operation Planning and Scheduler System
01004014	Serious Games
01005002	E-Learning
11002	Education and Training

Market

02007007	Applications software
07001003	Toys and electronic games

NACE

P.85.2.0	Primary education
P.85.3.2	Technical and vocational secondary education
P.85.5.9	Other education n.e.c.
P.85.6.0	Educational support activities
R.90.0.2	Support activities to performing arts

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2005

Turnover

1 - 10M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English

Client Country

Turkey

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: The product is suitable for companies and entities such as hospitals, banks, public institutions, educational facilities, sport centers. The potential partners should integrated the product in company training section. The company is looking for long-term reliable partners.

- Specific area of activity of the partner: The application will mostly suitable for companies who makes training sessions periodically. Companies who manages many employee could be potential buyers of this product.

The company is looking for partners for technical cooperation agreements (for the development of the application to be used in various fields) and commercial agreements with technical assistance for further use and development.

Type and Size of Partner Sought

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

Type of Partnership Considered

Commercial agreement with technical assistance
Technical cooperation agreement

Technology Request

Looking for new technologies and applications to integrate in drones and develop public and civil solutions

Summary

A Spanish SME specialized in developing RPAS (Remotely Piloted Aircraft Systems) and Unmanned Aerial Vehicle (UAV) related technologies is looking for new technologies such as sensors, applications and software to integrate and improve their already developed RPAS to develop specialized high-level solutions. A technical cooperation agreement is sought.

Expiration Date 09 March 2017
Reference TRES20160307001
Profile link

Details

Description

A Spanish SME experienced and focused on developing Remotely Piloted Aircraft Systems / Unmanned Aerial Vehicle (UAV/RPAS) and integrating new technologies to drones, is looking for new applications that can be integrated on UAV/RPAS. The company is experienced in all engineering areas related to unmanned aerial systems, their control and command, and the third parties payload integration in order to provide specialized solutions for a broad range of applications.

Their UAV/RPAS are lightweight systems with a powerful payload/airframe ratio, suitable to be classified in the MALE (Medium Altitude, Long Endurance) category which can offer a long autonomy RPAS which can be used to integrate all kind of sensors and offer a complete solution to companies from several sectors.

This SME has long experience in civilian applications using remote sensing techniques and has experience developing solutions for smart cities, forest & fire management and agriculture amongst others.

This SME has been performing projects jointly with specialized sensor manufacturers and research institutions, providing their capabilities to develop ad-hoc airframes as well as their competencies on fine tuning for complex aerial systems, test and validation.

Due to the wide range and diversity of projects, there are a set of examples classified by type of partners involved and project impact.

- Remote-sensing device manufacturers for agriculture, society and waste control: orthophotography, digital elevation models, aerial thermography and georeferenced aerial images.

- Ad-hoc sensors from research institutions for climate change and environment control: atmospheric data surveillance, river flow anomalies, dynamics of the river-sea interface on delta, forestry health & wealth evaluation.
- Sensor integration and novel software for secure societies: mine location and their geo-referencing (demining campaigns), human disaster response and automated search and rescue.
Their focus also includes all test and validation campaigns to help third parties in the payload integration validation and characterization, also command & control systems and flight planning systems, in order to help third parties in a seamless deployment to operational stage.

This SME is looking for solutions/sensors that could help improve processes once they are integrated on a custom-made drone and is offering their capabilities and technology to add value to any sensor, device or application suitable to integrate in an autonomous flying system.

A technical cooperation agreement is sought with companies with state of the art technologies that are looking to integrate them in drones to increase the capabilities of the technology and offer a differential and more innovative and efficient solution.

Technical Specification or Expertise Sought

The sensor and/or application should be:
- Suitable to be integrated in an RPA/UAV
- It should be unique
- It should solve a specific demand from one of the industries mentioned on the profile.
- It should be already on the latest stages of development and/or on the market

Stage of Development

Available for demonstration

IPR Status

Secret Know-how

Keywords

Technology

01001001	Automation, Robotics Control Systems
01003023	Environmental and Biometrics Sensors, Actuators
01004007	GIS Geographical Information Systems
02011001	Aeronautical technology / Avionics
09001009	Sensor Technology related to measurements

Market

05004002	Rescue and emergency equipment
09001006	Airfield and other transportation services
09003001	Engineering services
09005	Agriculture, Forestry, Fishing, Animal Husbandry & Related Products

NACE

C.26.5.1	Manufacture of instruments and appliances for measuring, testing and navigation
M.71.1.2	Engineering activities and related technical consultancy
M.72.1.9	Other research and experimental development on natural sciences and engineering
M.74.9.0	Other professional, scientific and technical activities n.e.c.

Network Contact

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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
Industry SME <= 10

Year Established
2003

Turnover
<1M

Already Engaged in Trans-National Cooperation
No.

Languages Spoken
English

Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: A technical cooperation agreement with R&D centre, university and/or private company with solutions such as technologies related to sensors, applications and software that can potentially be integrated in RPAS

- Specific area of activity of the partner: sensors, solutions that cover a large extension of land such as agriculture, wildfire, smart city, applications or services suitable to be improved by integrating them in an automated aerial framework such as telecommunications, border security, facilities surveillance, etc.

- Task to be performed by the partner sought: provide the expertise on the solution (application, sensor, etc) and collaborate integrating it on an RPA. Prepare a suitable business plan proposal for the RPAS/UAV application integration and its market opportunity, in order to perform a risk/benefit assessment in the early cooperation stages

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

Technical cooperation agreement

Attachments

prototype2.jpg



prototype.jpg


MINEOS

Technology Offer

Scottish Company offering new building simulation methods

Summary

A Scottish consulting and software services company specialising in innovative energy systems and building simulation using 3D modelling have developed an on-line web and cloud based service for energy analysis of buildings. In order to adapt and test products and localise offerings in other countries, the company is seeking academic, research and industrial partners for technical and research cooperation agreements and commercial agreements with technical assistance.

Expiration Date	22 February 2017
Reference	TOUK20160205002
Profile link	

Details

Description

With the need for deep renovations of the building sector where targets of 60% and above are required, there is a need to simulate the theoretical performance of a building at an early stage. A software platform has been constructed that enables building owners and professionals to produce models and run dynamic simulations to test a range of interventions for fabric and technology solutions for energy efficiency improvements.
The company team consists of a combination of software developers and energy engineers seeking innovative ways to enable customers to evaluate the most effective energy improvement measures.
The three key elements to the platform are:
- Shared storage space - where all data is stored and shared with design team members and where real time communication improves the team productivity regardless of location.
- 3D Model maker - this takes an existing popular modelling tool and has been enhanced to become an intelligent tool for low carbon building design.
- Energy engine - a web based version of a global standard which is under constant open source development for deep dynamic simulation.

The company now wishes to test the product and adapt as necessary to allow for local requirements. They are looking for academic or research partners with whom they can cooperate under a research agreement to further the development of the product through verification and testing and the development of new software. They are also seeking R & D partners with an in-depth knowledge of country specific requirements with regard to constructions, regulations and practices, who can help develop the technology under commercial agreements with technical assistance or research co-operation agreements to meet the requirements of its use in specific areas, both in terms of geography and activity. The company is also interested in finding industrial partners who can provide market intelligence and knowledge of local market trends for assistance with routes to market, pilot testing and early

adoption of new innovations under commercial agreements with technical assistance

Advantages and Innovations

The web based on-line approach with cloud storage to energy analysis allows customers to work anywhere, anytime and on any computer. Compared to desk top systems this approach is more affordable with a "Software as a Service" offering, with seamless upgrades as new innovations are developed and functionality is improved.
The platform allows the construction of models enabling the application of energy saving measures to determine the most cost effective solutions from an investment perspective. This process simulates numerous options well before any capital costs are incurred.
The platform allows for multiple interventions on multiple buildings with the on-line and cloud approach where dynamic simulation can enable the selection of the best investment case without the need for customers investing in powerful computers.
The model maker has been developed to ensure that interoperability with other global simulation tools is enabled thus increasing the size of the available market.
With the rapid modelling function, early results can be achieved which allows teams to set targets and regularly check progress against these targets. Another early benefit is that it brings a measure of cost control to the process and avoiding any over design issues.

Stage of Development

Already on the market

IPR Status

Secret Know-how

Comment Regarding IPR status

All the IP for the suite of products is owned by the company.
If a partnership is established then the newly developed IP will be subject to a legal agreement so that the exploitation of the new product[s] will be shared on an equitable basis.

Profile Origin

Other EU programme

Keywords

Technology

01003006	Computer Software
01003016	Simulation
01003024	Cloud Technologies
04	ENERGY

Market

02007004	Program development tools/languages
02007007	Applications software
02007022	Software services

NACE

J.62.0.1	Computer programming activities

J.62.0.2	Computer consultancy activities
M.74.1.0	Specialised design activities

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

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

Client Country

United Kingdom

Partner Sought

Type and Role of Partner Sought

TYPE OF PARTNER: Academic
SPECIFIC AREA OF ACTIVITY: New innovations in the software development programme built on existing products
TASKS TO BE PERFORMED: New software developed. Verification and testing of new functionality

TYPE OF PARTNER: Industry. Software company in energy simulation sector
SPECIFIC AREA OF ACTIVITY: Market intelligence and knowledge of local market trends
TASKS TO BE PERFORMED: Assist with routes to market. Pilot testing. Early adopters of new innovations

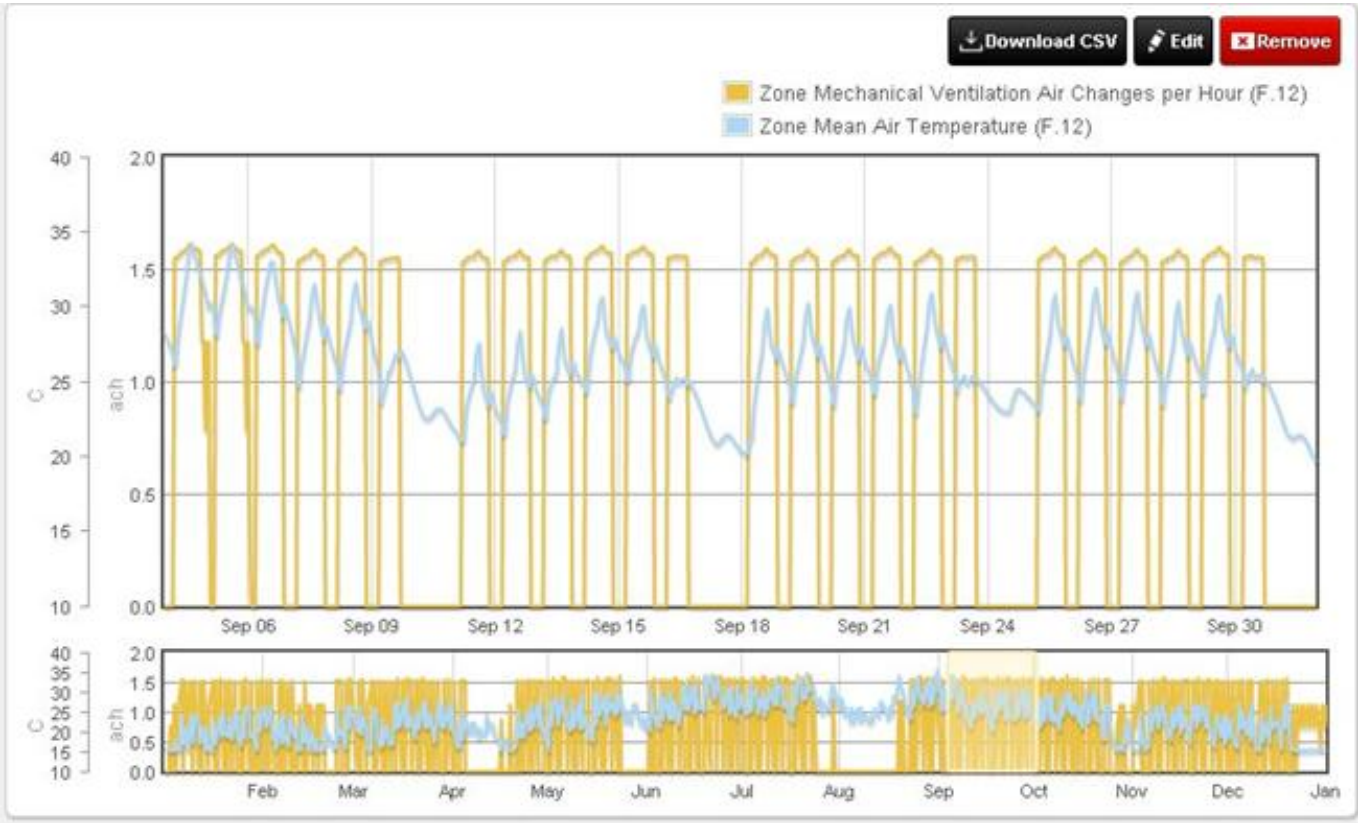
TYPE OF PARTNER: R and D organisations with building energy expertise
SPECIFIC AREA OF ACTIVITY: Knowledge of country specific requirements with regard to constructions, regulations and practices
TASKS TO BE PERFORMED: Adaptation of localisation tasks

Type of Partnership Considered

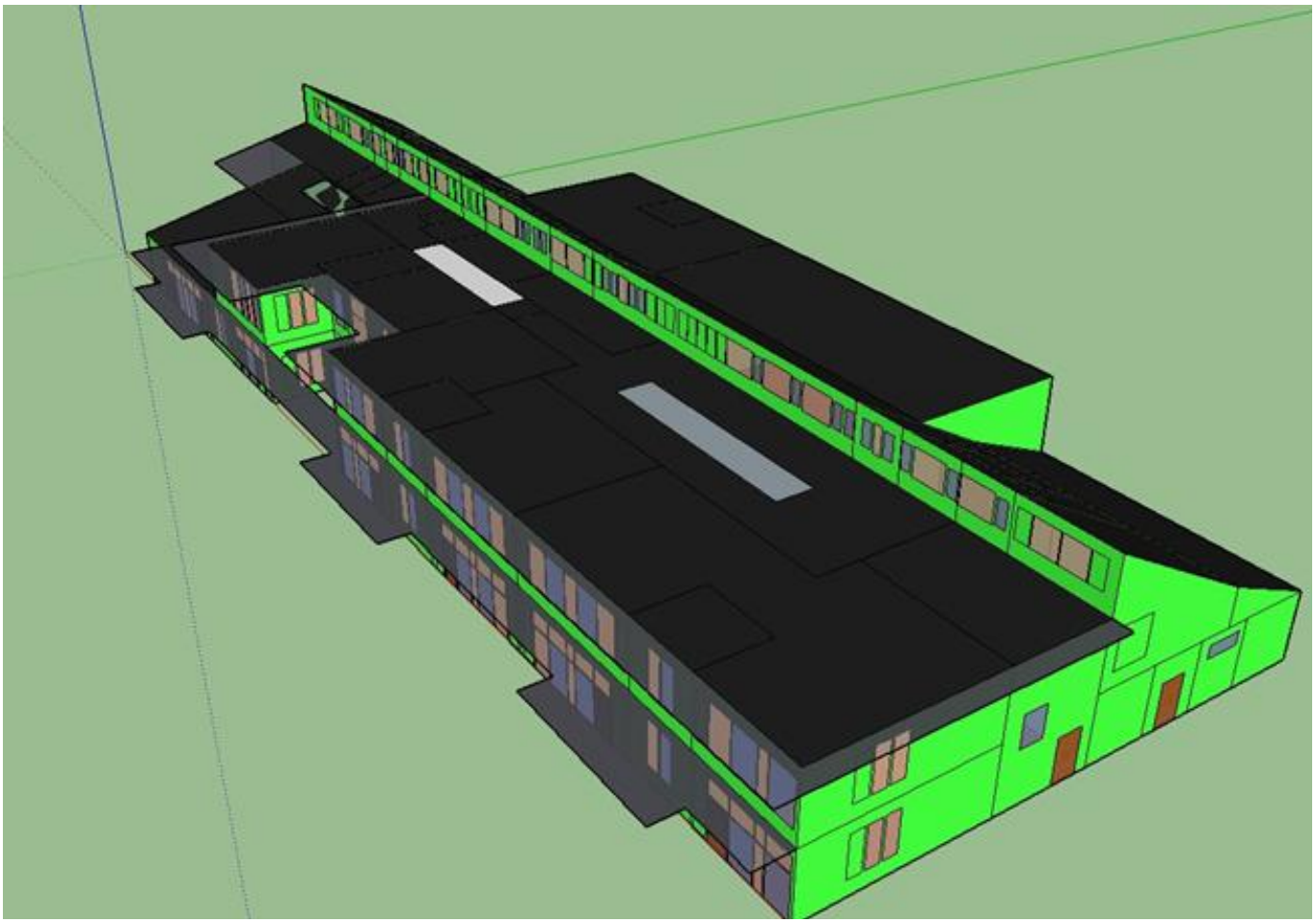
Commercial agreement with technical assistance
Technical cooperation agreement
Research cooperation agreement

Attachments

Individual Zone Data.jpg



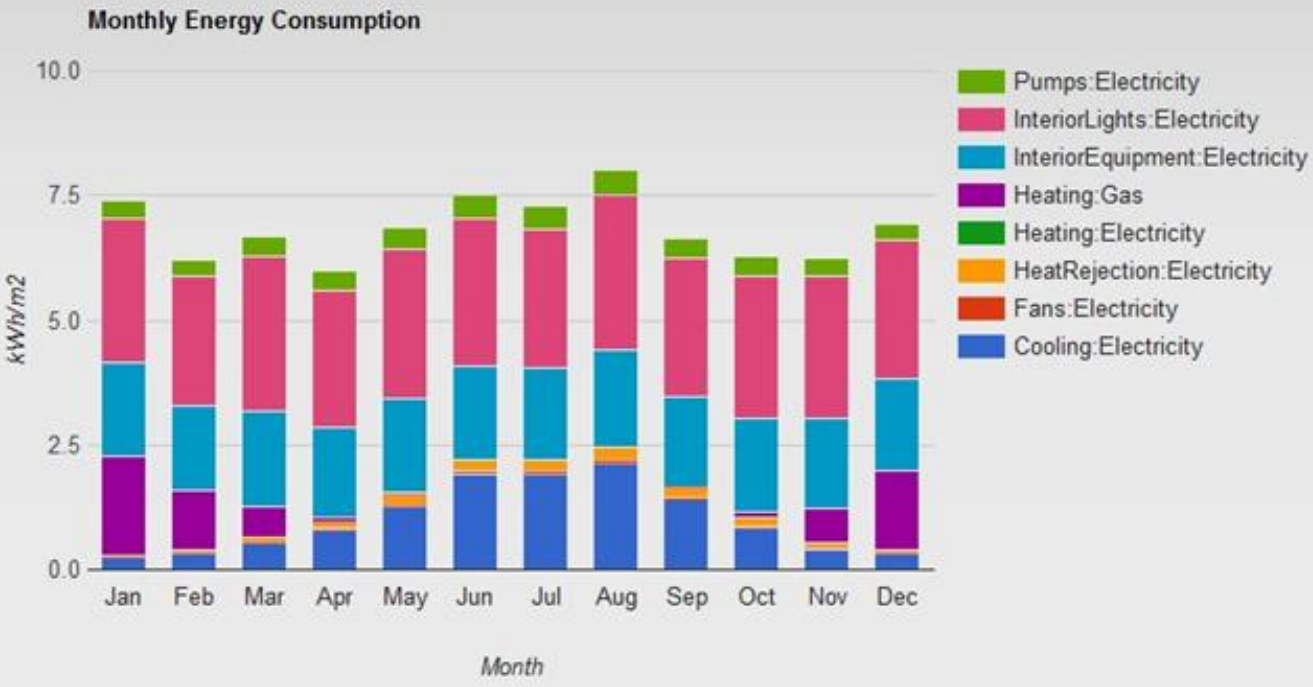
Model maker example.jpg



Energy consumption chart.jpg

	Total	Per m²
Total Energy	592 MWh/Yr	82 KWh/Yr
Energy Use	592 MWh/Yr	82 KWh/Yr
Energy Generated	0 MWh/Yr	0 KWh/Yr

Chart: Monthly Energy Consumption



Export