Agricolus

European Agriculture needs to become more productive and at the same time to meet environmental goals. **Reconciling food production and environmental goals** can be achieved through the adoption of appropriate technologies. Frequently farm entrepreneurs do not have the **right information at the right time** in order to **manage efficientl**y both their farm production and the phytosanitary (pesticide and fertilizers) treatments needed for the health plants. Moreover very often the information related to sow /harvest /treatments are not interconnected with the pesticide and fertilizers storage and are used only for administrative scopes. Agricolus project aim at address these problems by providing a novel precision agriculture solutions integrated into FI-WAARE technology enabling farmer to both produce **"more with less"** improving and **reduce agriculture's environmental footprint**.

AGRICOLUS WEB: is a web social application enabling farmers to: Create a social network of experts, farmers and agricultural entrepreneurs that can share knowledge.

Create a social alert system that can be used to send and receive georeferenced alerts for diseases and possible risks

Allow to experts, administrators and other stakeholders to share (free or with a fee) news and information that will be routed to farmers via a recommendation system.

Map the owned fields with external GIS services and analyze on the map the information received from external DSS systems, stock management systems and other services (in the future)

It is a web application that integrates the GEs to create a web application that is focused on the creation of a social network between the farmers to share information and alerts and consume some external services.

Team

Andrea Cruciani

Daniele Balbini

Alex Paiella

Antonio Natale

Andrea Leone

Hub
Hub Copenhagen

Domain
www.teamdev.it

Contact
+390759724382
a.cruciani@teamdev.it

Address
Via Tiberina, 70/i
06050 Collazzone (PG) – Italy

Company
TEAMDEV srl

Mode of Movement

The site contains everything that fulfills the needs of people into yoga or the ones that are curious about yoga. There's a myriad of classes, workshops and retreats to choose from. You could for example find the school nearest you and book a class there or if you are only into ashtanga yoga, you'll find the schools that offer this particular style and book with one of them. If you are looking for a retreat, then there's a myriad of those, easily categorized into whether you want to do it in Denmark or Thailand or wherever and if you can only go the last week in June, then all the retreats at the end of June will pop up at your disposal.

Mode of Movement makes it easy to find and book anything to do with yoga. Rather than having to spend time scouring the web, Mode of Movement delivers everything in one place via the platform/website and the app and allows you to easily and seamlessly book any of yoga goodness offered on the site!

Team

Trine Krogstad

Ileana Søndergaard

Joakim Krogstad

Hub
Hub Copenhagen

Domain
www.modeofmovement.com

Contact
+45 91947948
trine@modeofmovement.dk

Address
Blågårdsgade 19 4tv
2200 Cph N, DK

Company
Mode of Movement

MODE of MOVEMENT

RESET

The project aims at producing a significant energy saving in public and private outdoor illumination. Nowadays, in the night-time cities are constantly illuminated by street lighting; from dusk till dawn, public and private lights enlighten streets, public gardens, parking, industries, etc. despite people actually spend time there. This results in a huge waste of energy due to the fact that during the night most of the time outdoor public and private places have very low frequency of human activities. This is especially true in suburban areas located at the edge of cities and in the country side where most of the social activities happen during the day.

The goal of the project is to support a novel smart real-time lighting product, illuminating locations only if actually required. To this purpose, our product will recognize basic human activities, e.g., people walking, bike riding, and car driving, to dynamically change street lighting on/off status and intensity to fulfil the light needs. For instance, people crossing a street may require intense localized lighting to allow approaching cars to spot people in advance while bike riders could benefit from intense lighting where they currently are and soft lighting along the street in the direction of bikes.

Team

Carlo Giannelli

Paolo Bellavista

Riccardo Zamagna

Aldo Campi

Hub
Hub Copenhagen

Domain
www.stoorm5.com

Contact
+39-3493447633
carlo.giannelli@stoorm5.com

Address
via Marconi, 49
40122 Bologna Italy

Company
Stoorm5 srl

[SIEAS](#)

SIEAS is a project that seeks to utilize the FIWARE backend framework to create a platform for an era of IOT inspired measurement instruments, such as voltmeters and multimeters. As more and more measurement tools become internet connected, a need emerged for an online platform for working with the data. We seek to create a common standard that allow all tools to connect to our platform, and utilize our services and user generated content to to maximize collaboration and productivity.

In concrete terms, for the SpeedUp Europe programme, we develop a minimum viable product to start, which consist of an internet connected measurement instrument, that is to be integrated with our FIWARE backend solution, and have the ability to show the measurements online. Given the market validation from our MVP, we will further tailor development according to first paying customers needs. The goal is to develop the instrument platform in collaboration with the

users and create value to their specific needs.

Team

 Michael Bruun-Larsen
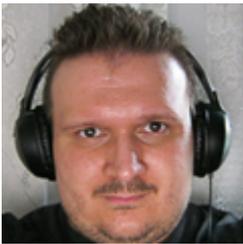
 Tom Wojda

 Tom Wang

 Panos Karampis

Hub
Hub Copenhagen

Domain
www.wincint.com

Contact
+45 23950228
mbl@wincint.com

Address

Finsensvej 37E 2TV,
Frederiksberg 2000
Denmark

Company
Wincint I/S

[SunnyRev](#)

SUNNYREV will be the **first Marketplace for Solar Rooftops**. It will eliminate the transaction inefficiencies in the traditional trade process of Solar Power Purchase Agreements (SPPA) and Solar Leases (SL), enabling a win-win condition both for Solar Services Providers and for Rooftop Owners.

SPPA and SL are contracts between a "Solar Services Provider" who owns, utilizes, and maintains the photovoltaic project, and a "Rooftop Owner" who delivers a designated location for the solar installation such as an unutilized rooftop.

In a SPPA, the Rooftop Owner agrees to purchase the energy

output from the developer at a fixed price for a prearranged time period. In a Solar Lease, instead, the Rooftop Owner rents the solar equipment against a monthly remittance. In either cases, the Rooftop Owner is able to slash down his energy expenses drastically and notice long-term savings as current grid-electricity prices continue to increase. The Solar Services Provider pays for all the installation costs and is held responsible for the operation and maintenance of the project.

With SunnyRev, Rooftop Owners will be able to minimize the solar rate and maximize their savings by putting Producers in competition for their rooftops with a reverse auction mechanism. Bidding performed in real-time via the Internet will result in a dynamic, competitive process. This will help achieve rapid downward price pressure (energy price or lease remittance, depending of the case) that is not normally attainable using traditional static paper-based bidding processes. At the same time, Producers will reduce costs and timing for acquiring new clients.

Team
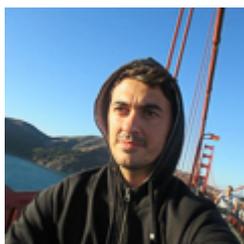
Stefano M. Esposito

Daniele Sofia

Aristide Giuliano

Egidio Criscuolo

Hub
Hub Copenhagen

Domain
www.sunnyrev.com

Contact
+39 3894743145
info@sunnyrev.com

Address
Via dei Principati, 17
84100 Salerno Italy

Company
Rethink Srls
www.sunnyrev.com

[TACTICS](#)

TACTICS (TrACTor AnalytICS) will use a range of FI-WARE enablers to develop a system for real time analysis of fuel consumption of the tractor—implement system with the aim of reducing fuel consumption without affecting tillage quality. This system will be able to handle vertical forces data and to propose, in real-time, the best working parameters in terms of tractor velocity and engine speed for reducing energy consumption. This system will also be able to automatically generate spatial performance maps with the use of a GPS mounted on the tractor cabin, which could be useful to analyze tillage operation performance and apply precision agriculture strategies.

This application will run in an android platform inside the tractor cabin to make the data visible to the tractor driver. These data will be synchronized with a web application and FI-Space widgets for real time data projection and post-analysis of the tillage operations. It will be able to receive and

combine in real time data from: (a) the tractor electronic control unit (ECU) for recording the tractor working parameters; (b) a GPS receiver for gaining tractor location and (c) the tractor ISO data communication system (ISOBUS) for recording implements working parameters (i.e. a plough or cultivator).

Team

 Patroklos Kontos

 Michael Demetriou

 Viktor Kyriazis

 Zisis Tsiropoulos

Hub
Hub Copenhagen

Domain
www.oob.gr/

Contact
+306947607102
tsiropoulos@teilar.gr

Address
5 Lokridos St
11 474 Athens Greece

Company
OUTOFBOUNDS PLIROFORIKI IKE