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# KATANA TOP100

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## 1. Hexagro Urban Farming (Italy)

### Hexagro Urban Farming Srl

Hexagro Urban Farming provides scalable, sustainable and sharing economy based solutions to enhance the traditional production and supply of fresh food. In addition to this it enables any individual to profit from his or her own farming activities, growing healthy food with a smaller footprint.

The team looked into nature to find examples, on how organisms reduce space, save energy and increase efficiency. With this inspiration they developed their first farming system, the Living Farming Tree, a scalable, ultimate and interactive vertical garden.

[alessandro.grampa@hexagroubanfarming.com](mailto:alessandro.grampa@hexagroubanfarming.com)

## 2. Geco-Gardens (Germany)

### Bastian Winkler, entrepreneur

Geco-Gardens creates new garden areas for the production of vegetables, fruits and herbs - from your own organic wastes - in cities.

The organic garden systems for balconies, terraces, interior yards, etc. recycle plant nutrients directly from organic wastes through vermicomposting. The plant nutrients are added to an automated underground irrigation cycle that connects all planting containers.

In the space, water and nutrient efficient mini-biofarm the plants grow in soil (terra) and an organic nutrient solution (bioponic) creating an efficient (re-)recycling cropping system called "terrabioponics".

Driven by a solar-panel the plants get water and nutrients automatically.

Now, we plan to further develop the existing garden systems by adding a smart monitoring, control and information system.

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## 3. Soplaya Srl (Italy)

### Soplaya Srl

The food supply chain is misaligned and broken.

Soplaya is trying to solve this problem and to connect local farmers and chefs. They want to provide the best fresh ingredients from a particular region, the best price possible without middle-men and of course the opportunity to find fresh, local and healthy products and to order them in seconds.

[mauro.germani@soplaya.com](mailto:mauro.germani@soplaya.com)

## 4. Creative Web Applications P.C. (Greece)

### Creative Web Applications PC

Olives have a very big enemy, the olive fruit fly. They lower the quality of the product and make olives useless for food or any other profitable purposes. The methods to fight against the fly are outdated, very costly and often unefficient. The idea is to create a central system to collect information about the olive fruit fly and the diseases of the olive trees and advice farmers about the appropriate time, quality and quantity of the sprays to be applied. This will increase the effectiveness of the spraying, minimize the amount of spray on the trees and so of course increase the quality of the products.

[info@cwa.gr](mailto:info@cwa.gr)

## 5. RotterZwam Cooperatie UA/SistemFungi (Netherlands)

### Ekofungi doo

The mushroom learning network is a collaboration of urban mushrooms growers who transform waste in to taste, reduce 95% of absolute CO2 emissions compared to incineration of coffee, create local jobs and produce food locally.

Next to that they share their knowledge on open source bases. Because they have a dream that every city in Europe is transforming waste to taste.

[siemen@rotterzwam.nl](mailto:siemen@rotterzwam.nl)

## 6. Amigo s.r.l. (Italy)

### Amigo s.r.l.

With Project Cincinnatus Amigo climate wants to translate satellite datasets (Sentinel 1) into understandable information for farmers. The aim is to create a smartphone application and cloud services based on the FI-Ware platform in order to translate satellite datasets into information that farmers can understand and use to increase their productivity. The application intuitively tells the farmer how humid the soil is right now and in the past months. With this information the farmer is able to do his job better and more efficient.

[mp@amigoclimate.com](mailto:mp@amigoclimate.com)

## 7. Christos L. Stamatis & Co L.P. (Greece)

### Christos L. Stamatis & Co L.P.

Mermix is a service that connects farmers with purpose to improve the access to agricultural machinery and tools. They believe that sharing agricultural machinery and tools can improve rural development, increase crop quality and make agriculture more sustainable.

Mermix mission is to organize the available agricultural machinery of each area and offer access to them. It is a new way of cooperation which helps to develop a more sustainable agriculture sector, based on humans, environment and new models of cooperation.

[clstamatis@gmail.com](mailto:clstamatis@gmail.com)

## 8. Jan Schnitker, Alexey Yakushenk (Germany)

**is it fresh GmbH**

[jan.schnitker@is-it-fresh.com](mailto:jan.schnitker@is-it-fresh.com)

## 10. Cedomir Ninkovic (Serbia)

**enLight IT Sourcing doo**

Mr. Ninkovic realized that farmers often act independently on the market. This leads to high costs for production and transport and therefore to be uncompetitive. The idea was a unique platform for networking and farmer's cooperation, adding it to other business entities that participate in agriculture. The program would represent a unique network of stakeholders that actively could participate in the market. Such a platform would solve many problems, like high cost for production and transport of services and goods.

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## 11. ALGAMA (France)

**ALGAMA SAS**

Developed in conjunction with food professionals, ALGAMA's food products combine innovation and pleasure to meet the need for alternative food and better health for all. In 2050, there will be more than 9 billion people on earth. Not only will there be increased demand for food, but we will be facing the major challenges of diminishing resources and environmental degradation. Against this backdrop, ALGAMA is committed to creating and producing alternative foods, for the benefit of all.

[gaetan@algamafoods.com](mailto:gaetan@algamafoods.com)

## 12. Andrea Quartieri (Italy)

**Packtin Srl**

Packtin is a spin-off Startup from Unimore, the University of Modena and Reggio Emilia. The idea of packtin concerns one of the big problems of agrifood sector, which is waste. The by-products of agrifood processes still contain a great amount of valuable compounds. With the help of extraction processes the team want to take the compounds they need and mix them with bioactive natural compounds to create substitutes for the typical plastic package.

[andreaquartieri@outlook.com](mailto:andreaquartieri@outlook.com)

## 13. M. Ferreira & Filhas, Lda - Pão de Gimonde (Portugal)

**M. Ferreira & Filhas, Lda**

Elisabete Ferreira represents the third generation of Pao de Gimonde, a portuguese bakery in the market since the 60s. Her passion is to countinue the family business and make it grow.

[eferreira@paodegimonde.com](mailto:eferreira@paodegimonde.com)

## 14. create4D, Beril Sirmacek, Linda van Duivenbode (Netherlands)

## **Create4D**

The aim is to bring information about your land and crops to your mobile phone or tablet, without further intervention from consultants. The farmAR mobile phone application will show you, as farmer, information that is invisible to the human eye (such as diseases, weed, water levels, soil quality). The information is obtained from satellite data. The data is processed automatically in the cloud. You will receive the augmented reality (AR) application for virtual guidance in your field. This allows you to track diseases and select the right amount of chemicals in the right locations.

Receive instant information easily: where you need it, when you need it.

[beril@create4d.com](mailto:beril@create4d.com)

## **15. Prospeh d.o.o. (Slovenia)**

### **Prospeh d.o.o.**

In a time, where we have the biggest production of food, it is hard to distinguish between quality and less quality food. This problem the team of OriginTrail wanted to solve. They developed a platform, which helps quality food brands to build transparency, stand out in the marketplace and increase trust in their products.

[ziga.drev@origin-trail.com](mailto:ziga.drev@origin-trail.com)

## **16. "BUDI ZDRAV KO DREN" Cooperative (Bosnia and Herzegovina)**

### **SPP Kamenica**

Since 5 years Jovanka Sabljic and her family are selling dren fruit products, jelly, juice, liquor and many others. Dren fruits have a high nutritious value and powerful impact on health. During her research for her master degree, she noticed that there is a big market potential for organic food and drink based on dren. She started to innovate the family production and recently they increased their sales and now sell their products to more than 10 countries in Europe.

[sabljic.jovanka5@gmail.com](mailto:sabljic.jovanka5@gmail.com)

## **17. Nedim Uka and Mirza Skopljak (Bosnia and Herzegovina)**

### **O.D. Genijalno.ba**

The two engineers Nedim and Mirza are building a platform where they provide a quick and precise analytics for beekeepers to increase their honey production. This is just a first step. For the future they set themselves the aim to provide a cheap and successful solution for farming and agriculture.

[duplingnedim@gmail.com](mailto:duplingnedim@gmail.com)

## **18. Branko Dimitrijevic (Serbia)**

### **Agricultural Holding Lazar Agbaba**

[roshabranko@gmail.com](mailto:roshabranko@gmail.com)

## **19. Vojvodina organic cluster (Serbia)**

## **Infora Research Group doo**

Vojvodina organic cluster is an association founded in 2014 with goal to increase innovation, efficiency and sustainability of organic agriculture in Vojvodina province. This cluster have 65 members.

The association's activities are reflected through the development of new initiatives, exchange of information, marketing and creating network. The aim of the cluster activity is to achieve favorable conditions for development of innovative activities and operations of all cluster members. Cluster actions will result in increased production areas, better marketing and storage of organic products, establishment of new standards and rules, as well as their application in the field of production and marketing of organic food and protection and conservation of the environment.

[organskiklaster@gmail.com](mailto:organskiklaster@gmail.com)

## **20. Nikolaos Tsakalos (Greece)**

### **Nikolaos Tsakalos**

His idea based on Urban Poultry Farming and the personal experience of him and his family about poultry meat coverage. Companies will provide their buildings to customers to produce poultry meat for personal needs.

[nikolaosthessaloniki@gmail.com](mailto:nikolaosthessaloniki@gmail.com)

## **21. HOLONIX srl (Italy)**

### **HOLONIX srl**

HOLONIX creates high quality solutions with tomorrows technologies. They want to build solutions and competences for the agrofood sector. Therefore they develop mobile apps for producers, customers and logistic operators.

They support product identification, material control, conditions monitoring to finally the best quality to the customer.

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## **22. Crowd Container (Switzerland)**

### **Value Chain Innovation GmbH**

The Crowd Container is an innovative distribution channel tailored to the needs of small-holder farmers and conscious consumers. All the products you can order are grown by only one small farmer group. With the crowd container, the farmers can sell all their products directly. Over 60 % of the added value is captured in the origin and customers get great food from 100% transparent supply chains.

[tobias@crowdcontainer.ch](mailto:tobias@crowdcontainer.ch)

## **23. Cvetkovic Miljan (Bosnia and Herzegovina)**

### **BMB DELTA doo**

The team is building a smartphone application for precision agriculture, called the Virtual Cherry App. The app will focus on sweet cherries, a superfood with many health benefits.

The research software depicts year by year cherry growth from planting to maturity. It quantifies how the number of leaves and fruits change over time with every decision. This allows precise prediction how yields and fruit quality also change with every decision. The vision is to help farmers to test and visualize their tree training plans.

[miljancvetkovic@yahoo.com](mailto:miljancvetkovic@yahoo.com)

## 24. Pleurette (France)

### **Pleurette**

Pleurette is a startup that upcycles residues into mushrooms. They collect coffee grounds for oyster mushroom kits, ready to grow at home. In addition to that they grow fresh mushrooms in recycled shipping containers and offer a gourmet assortment of organic mushrooms.

To face lots of ecological challenges, like pollution, waste production or over consumption of meat, Pleurette developed Valofungi projects:

- 1) Brewery spent grains / Coffee waste turned into substrate to produce healthy delicious mushrooms
- 2) Enrich mushrooms with Vitamin D = functional food
- 3) Use the waste of the mushroom cultivation industry in Europe to produce vegan and gluten free products to replace meat

[hello@pleurette.fr](mailto:hello@pleurette.fr)

## 25. Farmertronics Engineering (Netherlands)

### **Farmertronics Engineering**

The team Farmertronics Engineering wants to fight against greenhouse gases in the agriculture sector to stop global warming. Due to use heavy machines they developed lighter vehicles, which don't run on diesel but that are electrically powered. So they can solve two problems, that of the greenhouse gases and that of soil compaction.

[thieu.berkers@farmertronics.com](mailto:thieu.berkers@farmertronics.com)

## 26. Zeleni Eko Krug (Serbia)

### **Povrtarska zadruga EKOADUT**

Green Eco Circle is an NGO established in 2009, whose aim is environmental protection. Their idea is to integrate a smart farming solution that will improve organic production in greenhouses. The goal is to join the measurements of humidity and temperature of air, amount of light, temperature, humidity and pH value of the soil, then potassium, nitrogen and phosphorus accessible for plants through sensors.

[zektemerin@gmail.com](mailto:zektemerin@gmail.com)

## 27. BENTUR Srl (Italy)

### **BENTUR Srl**

Bentur aims to provide high quality nutraceutical dietary supplements made from fresh seaweed. The team - all in their early thirties - include a veterinarian specializing in seaweed and a professional agronomist.

[luca@bentur.it](mailto:luca@bentur.it)

## 28. Messinian Hub, Bill Nikas (Greece)

### **Messinian Hub**

Micropropagation is a revolutionary technique that can be expanded and applied to many herbal species and contribute to global food chain. Messinian Hub starts with herbs. They cover the entire production cycle of herbs, by propagating qualitative herbal material through micropropagation, cooperating with farmers through organic cultivation and producing standardized dried herbs for exports.

[vnikas@messinianhub.gr](mailto:vnikas@messinianhub.gr)

## 29. Plant-e (Netherlands)

### **Plant-e**

Plant-e is a young Dutch company that is focused on developing products in which electricity is generated with living plants. This very innovative method of electricity production is not only very friendly for the environment, it is also unique and can be widely integrated around the World.

[tim.crolla@plant-e.com](mailto:tim.crolla@plant-e.com)

## 30. ANNA-MARIA DIMITROPOULOU (Greece)

### **DELTA DIGITAL**

Anna-Maria Dimitropoulou is working in the field of 3D Food Printing. Nowadays saving time in the kitchen often means consuming low quality food which leads to a big problem of obesity. Therefore there is a great need for easy ways of preparing low calorie meals with high nutrition value. 3D printing manages these problems. 3D printers follows digital instructions and so they are able to produce personalized food and to treat various diseases.

[annamaria2323@gmail.com](mailto:annamaria2323@gmail.com)

## 31. OpenPestsTrap – Technetis (Bosnia and Herzegovina)

Technetis s.p. Željko Džafić

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## 32. Lorenza Dadduzio – cucinaMancina (Italy)

cucinaMancina Srl

cucinaMancina is the biggest Italian food community for "left eaters": people who eat different for choice or needs. A unique digital food ecosystem connecting the dots of the customized agrifood chain in a bottom up approach: real people with real food needs sharing real stories.

[cucinamancina@gmail.com](mailto:cucinamancina@gmail.com)

### 33. NASYS srl (Italy)

**NASYS srl**

[veronica.sberveglieri@nasys.it](mailto:veronica.sberveglieri@nasys.it)

### 34. Afforest4Future, Vesela Tanaskovic (Serbia)

**GRAMONT Inzenjering doo**

The dream of Afforest4Future is to make the world's deserts green. To help the world deal with 9 billion people in the most productive way, by providing beyond sustainable agroforestry fields build in deserts, by providing sustainable housing and sustainable energy. After four years of intense PhD studies at the Technical University of Vienna the team now knows that they can solve the desertification of arable land and dam siltation problems and simultaneously allowing investors, governments and dam officials in the arid regions to benefit from keeping the lakes clean by using a beyond sustainable transportation system.

[vesela.tanaskovic@afforest4future.com](mailto:vesela.tanaskovic@afforest4future.com)

### 35. Amir Smajevic (Bosnia and Herzegovina)

**Uka Ventura**

The lucrative agriculture industry in Bosnia and Herzegovina is ripe for disruption, especially since it represents 7.9% of the country's GDP, compared to 1.6% of the EU economy. Zoblak focuses on developing IT solutions for agriculture use cases, from automated solutions for farm surveillance to heating systems management platforms and customized applications.

[info@zoblak.com](mailto:info@zoblak.com)

### 36. GORD Systems Services (The Former Yugoslav Republic of Macedonia)

**GORD Sistemi Servisi dooel**

GORD Systems is an independent software developer and IT Outsourcing provider. The company is a leading IT solution provider in the country with significant international projects experience. The team of experts consists of experienced IT specialists and consultants with deep understanding of the business processes in several industry sectors.

[indovski.p@gordsys.net](mailto:indovski.p@gordsys.net)

### 37. Argyriou Ioanna (Greece)

**Argyriou Ioanna**

The main goal was the production of a healthy chocolate. A low fat milk chocolate with reduced calories, fat substitutes that are beneficial for health and sensory characteristics that don't differ



from a traditional chocolate bar. Such a product would be more than suitable for children, overweight or obese people and generally for nutritionally conscious consumers who are looking for a healthy snack.

[ioannavere@gmail.com](mailto:ioannavere@gmail.com)

### 38. Smoothie to go (Slovenia)

**Peter Lobe s.p.**

Smoothie to go is a vending machine preparing smoothies from frozen fruits and vegetable. Their vision is to produce a vending machine that will be healthy and will be available everywhere and every time.

[peter.lobe@smoothietogo.si](mailto:peter.lobe@smoothietogo.si)

### 39. Notis Papasouliotis (Greece)

**Aspasia Papasouliotis**

Apiculture applications can easily and reliably record all the necessary data that will enable beekeepers to comfortably manage, organize and increase the performance of their apiaries.

All data is recorded, stored and accessible so users can edit them on their computer or tablet, anytime they want. So users have a complete image of the state of their individual hives and apiaries in relation to production levels, existence of diseases, needs for space, food availability and a lot more!

[notispap@gmail.com](mailto:notispap@gmail.com)

### 40. Daniel Vincz (Hungary)

**Daniel Mate Vincz**

Daniel's vision is to bring natural, healthy, functional food to the world through an amazing sprouting technology.

[dani.vincz@gmail.com](mailto:dani.vincz@gmail.com)

### 41. SINOCHE Social Enterprise (Greece)

**SINOCHE**

Sinoche, a Greek startup company, focuses on monitoring agricultural land not only from several hundred kilometers up, but providing the best combination based on Earth Observation data fusion from both space-borne and in-situ measurements.

They combine proven scientific excellence in Earth Observations application domains and long experience in providing operational services. Their strategic partnerships with private, public and academic bodies result in evolving collaborations with benefits of high value for the agrifood ecosystem.

[ellikalopesa@gmail.com](mailto:ellikalopesa@gmail.com)

## 42. Solène Guéré (Germany)

Fresh Square is a small all in one garden to let urban people grow their own food. The vision is to bring back the natural way of producing and consuming organic food to the city and reconnecting urban dwellers to their own food.

To push even further, the aim is to build a low-carbon society based on a circular economy and contribute to a more resilient world.

[solene.guere@gmail.com](mailto:solene.guere@gmail.com)

## 43. REZOS BRANDS S.A. (Greece)

### REZOS BRANDS S.A.

We do our best to keep you satisfied! With consistency, efficiency and drive for success. Our sales network offers nationwide coverage, supplying our customers with high quality branded products, while our experienced staff works tirelessly to meet our customers' requirements. With our self-owned fleet and a network of selected 3rd party logistics partners, we offer nationwide coverage for Greece, executing your order in a guaranteed time window of 24 to 48 hours! We are ready to support your products, through our experienced sales team, our in house marketing department and top of the line warehouse management systems (W.M.S.). From this year we grow our own superfoods, herbs and crops at our Bearfoot fields at Trikala Meteora.

With respect to the nature and environment we produce and distribute many naturally developed products (superfood mix crops, juices, crop bars, pasta, etc) very beneficial to the human body.

Our commitment to continuous improvement in the field of sales, marketing and distribution, as well as the selection and development of our partners, as a long-term investment. Reliability, stability and respect lead our way. As a result of a continuous effort of more than 30 years now, at Rezos Brands we enjoy our customers' and suppliers' trust and respect. This gives us the drive to make new steps of development, to invest in our people and set realistic goals that will reinforce our constant growth.

[euoffice@rezosbrands.com](mailto:euoffice@rezosbrands.com)

## 44. Nikola Milošević (Serbia)

### Aronija Plus

Nikola Milošević is a farmer and entrepreneur from Serbia. His flagship product is called Aronija juice. It is a very healthy and nutritious product. His idea is to create a range of superhealthy juice, which will be intended for a specific group of people that have everyday need of them.

[plantazemilosevic@gmail.com](mailto:plantazemilosevic@gmail.com)

## 45. Civildrone (Spain)

### Civildrone s.l

Civildrone implements technological developments in the world of drones in civil engineering and construction. With the aim of providing professionals with highly versatile and effective solutions.

The team is made up of a team of professionals with extensive experience in the field of civil engineering and construction, together with experts in remote controlled aircraft.

[madrid@civildrone.es](mailto:madrid@civildrone.es)

## 46. smark (Germany)

**smark - Philipp Hoening, Maximilian Ittermann GbR**

The team of smark follows the aim, to revolutionize the purchase of regional food via the internet. The key element of their business idea is a new, innovative pick-up station.

[info@smark.de](mailto:info@smark.de)

## 47. Dusan Ristic (Serbia)

**Dusan Ristic PR**

The idea is to start a company and producing high quality cereals and cereal bars. These products allow changes in recipes and the introduction of new functional ingredients so that the products can be specifically fit perfect for children, sportsmen or pregnant women.

[dusan.lj.ristic@gmail.com](mailto:dusan.lj.ristic@gmail.com)

## 48. LIBERTE FOODS SL (Spain)

**LIBERTE FOODS SL**

The team of smartfooding wants to help consumers to make better decisions in the food they shop, so that the purchase intention is more rational and less emotional. With their online platform they provide better information about the products and connect consumers directly with the producers.

[alexandre@smartfooding.com](mailto:alexandre@smartfooding.com)

## 49. Roldan Descamps (Belgium)

**Roldan Descamps**

[roldan@laconserverie.be](mailto:roldan@laconserverie.be)

## 50. Mirko Vlček (Serbia)

**Poljoprivredno gazdinstvo Julijana Vlček**

The team has a passion for organic food and healthy life. They are selling their products to local markets and via the internet. Their vision is to develop a mobile application to interact easier with their customers. The app will give customers the possibility to get fresh and healthy products for a good price.

[organicpivnice@gmail.com](mailto:organicpivnice@gmail.com)

## 51. IT Odjel (Bosnia and Herzegovina)

**IT Odjel doo**

IT Office is a programming company. Ninety percent of their resources are directed strictly to development of innovative software solutions, mobile first frontends for health, local government, state agencies, ministries, as well as small and medium companies.

[MARKO@ITO.BA](mailto:MARKO@ITO.BA)

## 52. Aleksandar Kordic (Serbia)

### **Aleksandar Kordic PR**

Perun is an IT company with experience in mobile applications and video streaming. With their skills they help innovators to scale their business. They developed a simple application that enables experts to share their knowledge and inventions through the agricultural chain.

[alexandarkordic@gmail.com](mailto:alexandarkordic@gmail.com)

## 53. Burgs Burgers (Netherlands)

### **Burgs Foods**

Nowadays 1kg of beef meat requires 7kg of grain and 15000 liters of water. This is very unsustainable. With the use of crickets, tiny animals, for food production, Burgs Burgers will minimize the impact on the resources and the environment. The aim is to make this process popular and accepted in whole Europe.

[burgsfoods@gmail.com](mailto:burgsfoods@gmail.com)

## 54. CAM Engineering doo

### **CAM Engineering doo**

The Keep IT fresh team already developed a number of awarded and successfully applied mobile applications. Now, they are developing a mobile application for the supply chain and consumers of fresh fruit and vegetables.

They are developing the model for forecasting of fresh produce shelf life based on collected data and mobile application that will transfer this information to the consumers.

[stevan@uns.ac.rs](mailto:stevan@uns.ac.rs)

## 55. David Gray IPOKit (Ireland)

### **ANIAR CUMHACHT TEORANTA**

IPOKit is launching an internet of things solution for the agrifood market. Right now the market sector they are working in is the poultry production. Their system gives the farmer a 24/7 visibility on their crop and with this knowledge they can optimize their production and therefore boost their profits.

[david.gray.phd@gmail.com](mailto:david.gray.phd@gmail.com)

## 56. Mateu Yábar Valles (Spain)

### **Mateu Yábar Valles**

Vacapp is an application designed to manage livestock farms of extensive cattle herd. It allows to take full control of cows and calves. The main objective is that the farmer knows all the information about his cattle in situ without any other support. Additionally, VacApp works without an internet connection.

[mateuyabar@vacapp.net](mailto:mateuyabar@vacapp.net)

## 57. Asepa Energy Srl (Italy)

### **Asepa Energy Srl**

Asepa Energy Srl operates in the engineering field of industrial and civil plant: the company has been specialized, in particular, in the installation of energy systems powered by renewable sources.

[s.strazzella@asepaenergy.it](mailto:s.strazzella@asepaenergy.it)

## 58. István Kertész

### **István Kertész**

Project Initus is a B2B service, instructing on efficient production of nutritious vegetarian cold cuts tailored for regional conditions. One of the main objectives is creating a global service that designs similarly produced but functionally and compositionally adapted food for undernourished people.

[i.kertesz87@gmail.com](mailto:i.kertesz87@gmail.com)

## 59. Koncept Ecology-Energy-Economy (Serbia)

### **Goran Gabric PR, Termohemp**

Goran Gabric and his family are focused on developing a business model where primary production starts in a special greenhouses on the edge of the plot in which nursery crops would be grown during winter, and taken out on the field aprox 45 days old. In this greenhouse they will apply all our experience, accumulated knowledge and modern technical equipment in the field of energy efficiency. Using only solar energy, this greenhouse will create favorable conditions for the thermophilic plants, like tomatos or corn. Those Plants, connected to numerous sensors will talk using human voice through mobile application, telling us when they are hungry, thirsty, when they were hot or cold.

[koncept.eee@gmail.com](mailto:koncept.eee@gmail.com)

## 60. Emir Memisevic (Bosnia and Herzegovina)

### **Maticna Mlijec Memisevic**

Emir Memisevic is a passionate beekeeper. His family has more than 30 years experience in royal jelly production. He built a prototype of a first smart bee farm.

Currently he is implementing a nectar fruit mapping project, which will provide a clear data where are the good nectar sources for beekeepers in realtime.

[emir.memisevic@gmail.com](mailto:emir.memisevic@gmail.com)

## 61. Christina Drosou (Greece)

### **Vasiliki P. Oikonomopoulou**

In the last years functional food become more popular, as consumers require high nutritional food and try to find compounds that can provide their health. Milk products have a nutritious value and together with bioactive compounds it is possible to create new functional food, for example functional cheese.

[cdrosou@chemeng.ntua.gr](mailto:cdrosou@chemeng.ntua.gr)

## **62. Granja el alto sl (Spain)**

### **Granja el alto sl**

Álvaro and Juancho Cirauqui Díaz are responsible for Granja El Alto, with HORTALIS as its commercial brand. A newly created company for the production and processing of sustainable pasteurized vegetables.

Aware of the problem of water scarcity, Hortalis has designed a water reuse system for the cooling process after pasteurization which also takes full advantage of the energy contained in the circulating water.

[granjaelaltosl@hotmail.com](mailto:granjaelaltosl@hotmail.com)

## **63. Fred cold brew (Spain)**

### **Fred cold brew sl**

Fred cold brew produces healthy and functional cold brew drinks from specialty coffee beans and selected teas.

Without using high temperatures and without losing its flavour. Cold brew is a process that consists of steeping ground coffee beans, tea leaves or other ingredients in cold water for a period of time up to 24 hours.

Our drinks retain all the flavours, natural sweetness and original aroma, they are also less acidic and 100% natural. They don't contain sugar, sweeteners or any other artificial ingredients.

Our mission is to disrupt the beverage market with a totally natural alternative to existing products and change the status quo of customers looking for high quality, healthy and functional products.

We would love to develop different flavours and create a natural cold brew energy drink. Katana could help us to achieve this goal.

[david@cafred.es](mailto:david@cafred.es)

## **65. A.I.D. Agro Innovations and Development doo (Serbia)**

### **A.I.D. Agro Innovations and Development doo**

A.I.D. (Agro Innovation and Development doo) is a newly formed company created with the idea to be a legal entity as well as the continuation of the fifteen years research of RPG "Research Farm". Its innovation is to be oriented towards strategic projects for irrigation and food technology and its solutions research will be patented to be recognized in business.

[zz.agroid@gmail.com](mailto:zz.agroid@gmail.com)

## 66. ATRIA Innovation (Spain)

### **ATRIA Innovation SI**

ATRIA Innovation consists of two material engineers from R&D sector of an important multinational company which they still collaborate with. The company is dedicated to improving and optimizing the resources that are invested to achieve a business objective. ATRIA Innovation provides technological services within these three knowledge areas: Robotics and Automation, Laser and Digital Manufacturing & Advanced Materials.

[elena.martinez@atriainnovation.com](mailto:elena.martinez@atriainnovation.com)

## 67. Noxamet Srl (Italy)

### **Noxamet Srl**

Noxamet Ltd is an academic spin off operating in the chemical/pharmaceutical field and has business units in Pavia and Siena. The core business of the spin off is the synthesis, development, and commercialization of compounds known as “metal-nonoates” as efficient vasorelaxing agents to be used in cardiovascular diseases, and possibly in other diseases. In addition, the enterprise provides the long standing experience of its team in the synthesis and pharmacological characterization of potential new drugs to pharmaceutical and biotechnological companies.

[noxamet@wearestarting.it](mailto:noxamet@wearestarting.it)

[amministrazione@noxamet.com](mailto:amministrazione@noxamet.com)

## 68. The Gluten Free Kitchen Company, Doireann Barrett (Ireland)

### **The Gluten Free Kitchen Company, Doireann Barrett**

The Gluten Free Kitchen Company established itself in 2011 as a market stall selling freshly baked goods Free From Gluten/Wheat/ Oats/ Rye & Barley & using non processed ingredients.

[doireannbarrett@thegfkitchenco.ie](mailto:doireannbarrett@thegfkitchenco.ie)

## 69. TERA engineering srl (Italy)

The vision of the team is to integrate new technologies, a low power white area network sensor, cloud technology and artificial intelligence to the agrifood value chain to save water and energy and finally to provide environmental sustainability.

[ingegneria@tera-group.it](mailto:ingegneria@tera-group.it)

## 70. Minoan Land Agricultural Cooperative

### **Minoan Land Agricultural Cooperative**

Minoan Land is an agricultural cooperative with Pancretan scope which deals with Prickly pears, Aloe and Herbs cultivation and trade. The cooperative is based in a small village, called Chondros, at the southern part of Heraklion region of the island of Crete. Their mission is to maximise production in the benefit of the farmers by investing in processing, standardization and trade of our products. Their vision is to create a processing unit, which provides the ability to process and trade their products, in a way which fully leverages production. The production unit will produce various products with many

uses and of high quality. The variety of products will consist of fodder, consumer goods and cosmetics.

[cob@minoan.land](mailto:cob@minoan.land)

## 71. eFarmer (Netherlands)

**eFarmer B.V.**

eFarmer offers tractor GPS navigation and record keeping for your smartphone. eFarmer navigation enables you to combine benefits from field records and tractor navigation. This will make your work easier and save materials, work hours and machine costs.

[michael@efarmer.mobi](mailto:michael@efarmer.mobi)

## 72. SOLARVIBES (Germany)

**Swathish Bellam Ravi**

[swathish.ravi@gmail.com](mailto:swathish.ravi@gmail.com)

## 73. KoloTree (Serbia)

**KoloTree doo**

Small Family Farms have difficulties in placing final traditional products to the global market. As a consequence they are limited to sell their products on a local market. On the other hand there is a high demand for local, traditional quality products.

So the team had the idea to create a cloud service in order to orchestrate relationship between all interested parties: producers, distributors and consumers.

The producer can offer his products regardless of his geographic location , consumers can order any traditional quality product by selecting the appropriate distributor.

[office@kolotree.com](mailto:office@kolotree.com)

## 74. LOGIT d.o.o. Beograd

**LOGIT d.o.o. Beograd**

LOGIT provides top-grade software services and together with partners delivers solutions on the fields involving high-volumes of operations and data, such as retail, distribution and logistics, business intelligence, process optimization, scientific research, applied data science, and others.

[info@agrisens.com](mailto:info@agrisens.com)

## 75. Agroloop (Netherlands)

**Agroloop**

Agroloop introduces industrialized insect farming in the Central European region. They utilize the Black Soldier Fly larvae`s ability to transform organic waste into a sustainable protein source. This highly efficient natural process has been beneficial for organic farmers on small scale. Their mission is



to integrate mini-livestock in the EU agribusiness and one of their main focuses is to raise awareness to the ecological responsibility that every agricultural stakeholder shares.

[istvansandornagy@gmail.com](mailto:istvansandornagy@gmail.com)

## 76. Ēdiens LLC (Ukraine)

**Ēdiens LLC**

[tayiss@gmail.com](mailto:tayiss@gmail.com)

## 77. Tahmišćić Haris (Bosnia and Herzegovina)

**City Group doo**

[haryzt@hotmail.com](mailto:haryzt@hotmail.com)

## 78. TIAC d.o.o.

**TIAC d.o.o.**

[dragutinovic.bojana@gmail.com](mailto:dragutinovic.bojana@gmail.com)

## 79. CocoFarm (Bulgaria)

**CocoFarm LLC**

CocoFarm is a SaaS-based ERP, specifically designed for farming, which empowers users to run their farm in the most efficient and profitable way. Forget about the typos in Excel, the chaos of paper forms or prolonged legacy system integrations.

[stefanova.magdalena@gmail.com](mailto:stefanova.magdalena@gmail.com)

## 80. Maria Victoria Gil (Spain)

**BioBee Technologies SL**

[vgil@unex.es](mailto:vgil@unex.es)

## 81. SensoWave (Spain)

Digitanimal is a product that gives the farmer the possibility to know where his animals are at all times. Together with a web platform the farmer can monitor the condition of the animals, receiving automatic notifications regarding the animal behavior and location. With this products farmers can increase their productivity while minimizing their costs.

[info@sensowave.com](mailto:info@sensowave.com)

## 82. Rosey's mark (Bulgaria)

**RIM GROUP CO Ltd**

Rosey's mark is the first and only brand for food from roses. It's all about the oil-bearing Bulgarian rose, an edible flower with fragrant distinctive taste and aroma and with numerous health benefits, which puts it in the functional foods category.

[hello@roseysmark.com](mailto:hello@roseysmark.com)

### 83. Gastromedia, S.L. (Spain)

**Gastromedia, S.L.**

Gastromedia SL is a food marketing agency that helps foodmarketers adopt a consumer-centric approach, reworks their brands and business model in order to connect them with consumers and develops products people love. They work solely with the food chain — producers, manufacturers, distributors — because they love all things edible.

[imzampus@gmail.com](mailto:imzampus@gmail.com)

### 84. Pycno (Cyprus)

**Dentro Limited**

Pycno is bringing continuous data monitoring and system control to agriculture. They enable farmers to improve the efficiency of their land by developing wireless soil sensors and a software platform with actionable advice. They are enabling farmers to collect more data from their field to make more accurate decisions. It allows them to increase yields while applying less resources, such as water and fertiliser. In addition to that they build modular sensors which measure key characteristics of the soil and environment of the farm. They also design a software platform, which brings latest scientific knowledge to the farmer and provides recommendations based on real-time sensor data, so the farmer knows exactly how much water to use, when to fertilise, is aware of disease probabilities, and more.

[nahuel@pycno.co.uk](mailto:nahuel@pycno.co.uk)

### 85. META5 (Bosnia and Herzegovina)

**Alviral doo**

[anes.mehagic@gmail.com](mailto:anes.mehagic@gmail.com)

### 86. Pheno Geno Roses D.O.O. (Serbia)

**Pheno Geno Roses D.O.O.**

[m.vukosavljev@phenogenoroses.com](mailto:m.vukosavljev@phenogenoroses.com)

### 87. iBMB (Germany)

**tsenso GmbH**

With the "initiatives for Bio-Materials Behavior" (iBMB) we want to use our ability to virtualize the shelf-life of bulk food during cold storage in the household or in the distribution chain. We are keen in using Finite Elements simulations coupled with Quality & Safety triggers. We plan to put our code right in a Cloud where it can be accessed by consumers' portable devices.

The consumer takes a photo with his/her device, or evaluate the bulk food at hand by a provided scale, then the data is fed in the Cloud where it returns in real-time the outcome of freshness and shelf-life.

Data management and numerical results will return very interesting outcomes for consumers and food enterprises.

[gianpaolo.ruocco@unibas.it](mailto:gianpaolo.ruocco@unibas.it)

## 88. Sasa Marjanovic (Serbia)

**Bojan Ristic PR**

[marjanovich.sasha@gmail.com](mailto:marjanovich.sasha@gmail.com)

## 89. Planthub UG (Germany)

**Planthub UG**

The vision of Planthub UG is to make a non-governmental, decentralized and democratic seed data base with the power of the internet.

[mail@planthub.de](mailto:mail@planthub.de)

## 90. LimesSoft doo (Serbia)

**LimesSoft doo**

LimesSoft doo is an Android developer that has been active since 2014 and has one app in Google Play. They applied with their project "BeeWeb".

They are beekeepers. Not the big ones, still just under 100 beehives. It is a hobby for them as they just love bees. At the same time they are web developers. That is what they do for living and they love it.

Once they have been big enough to start looking for new crops for our bees, they noticed that there is a problem in this process that web technologies could help solving. That is how BeeWeb started.

Their aim is to connect beekeepers with pollination service providers and the like to help them produce more honey and more crops.

[dj.djokic@limessoft.com](mailto:dj.djokic@limessoft.com)

## 91. allBitech Ltd. (Bulgaria)

**allBitech Ltd.**

allBitech is specialised in software solutions for business drive up, utilising the latest IT technologies. Whether you are looking for a dedicated application, or a complete Software Solution, allBitech has qualified IT professionals with the skills needed to see your projects delivered on time and on budget. As well as by offering IT consulting services, allBitech can assist you with all that Information Management Services needed to Support your Business Performance.

[angeliki@allbitech.com](mailto:angeliki@allbitech.com)

## 92. Marjorie Aubert (France)

**Diana Agoian, entrepreneur**

Canopae is developing an aeroponic culture device for private individuals. It is conceived to grow fruits, small vegetables and aromatic herbs with little effort and resources.

[diana.ag44@gmail.com](mailto:diana.ag44@gmail.com)

### 93. StartUp Lab by OnarTech

#### **ONARTECH Ltd**

OnarTech focuses on Technology based Product Design, Sensor Development and Production and already have several projects in their hands, from smart Greenhouses to Automated Water Metering and Irrigation Systems!

You are ambitious Agri-Entrepreneurs with a bunch of staff on his hands? OnarTech is waiting for your to team up and create custom solutions that will save you time and money and add more value to your products!

[info@onar.tech](mailto:info@onar.tech)

### 94. AOX Development Studio (Bosnia and Herzegovina)

#### **Meta Software Solutions DOO**

Studies have shown that more water is used for agricultural irrigation when the user does not have any insight into the actual moisture condition of the soil. Apart from financial disadvantages, excess soil moisture often results in plant disease, nutrient leaching, and reduced pesticide effectiveness. Research shows that proper irrigation scheduling can save up to 35 percent of the water normally pumped without reducing yield.

AOX | Development Studio created a complete solution in wireless remote monitoring for irrigation and crop management from the convenience of your computer, smartphone or tablet. Designed to help maintain the water content of the soil at a level adequate to meet the demand of the growing plant using real-time data. They are offering a reliable and affordable solution for industrial environments, from small farm business to mass production plantations. Increasing productivity by eliminating manual time-consuming tasks from workers is just one of the additional benefits.

In 2016, the team behind the idea won second place at Startup Weekend and in 2017, they won Hackaton with their fully functional prototype. Capturing the attention of Hepok d.d, AOX | Development studio is currently in the process of system implementation and testing in Bosnia and Herzegovina largest vineyards.

[aoxsystems@hotmail.com](mailto:aoxsystems@hotmail.com)

### 95. Haris Saslis (Denmark)

#### **Walks in Nature**

Haris & Yorgos Saslis are two brothers from Crete now living in Denmark.

Their overall vision is to see more people following a diet that is richer in local wild plants.

Dependance on only a small variety of crops today makes our food supply chain extremely fragile - whereas the knowledge on edible wild plants in a specific region is often concentrated on only a few experts.

Here, the brothers want to increase know-how on edible plants by creating a community in which locals just as visitors get easy access to local plants.

[haris.saslis@gmail.com](mailto:haris.saslis@gmail.com)

## 96. Recuperiamo S.R.L. (Italy)

We recover seeks to establish a replicable virtuous model to reduce waste and to recover maintenance due date / surplus along the foodchain.

The phenomenon of food waste is now one of the hottest and urgent issues at the global level on which converge more and more resources and technologies. And 'involved the entire food chain from production to distribution, the paradox is that in addition to the immense western food waste (2000 MLD of euro in the world - 13 MLD in Italy) there are millions of people who lack access to food.

Their solution to help reduce waste in the various sectors of the supply chain is called regusto - from the Latin "taste again": a portal and an app to connect demand and supply of food surplus / maturity throughout the food chain. Regusto will appeal to consumers, always looking for deals. It is addressed to manufacturers, distributors, restaurateurs often fail to sell all the food purchased or produced, with an associated significant economic damage. It is intended for non-profit organizations, often disconnected from potential donors of food present in its territory.

[info@recuperiamo.org](mailto:info@recuperiamo.org)

## 98. HiveMind (Bosnia and Herzegovina)

**Digital Media Consulting doo**

[gradimir@digivox.ba](mailto:gradimir@digivox.ba)

## 99. Keepprop (Serbia)

**Keepprop doo**

[bosko@keepprop.com](mailto:bosko@keepprop.com)

## 100. Rodrigo de Oliveira Brito (Spain)

**Ferretmar Peix SL**

[robrito@gmail.com](mailto:robrito@gmail.com)

