

NEWSLETTER NO 1 / JANUARY 2020

Dear reader,

On behalf of Digital Ecosystem Utilization (CYSLOP), I wish you a Healthy, Happy and Peaceful New Year full of innovative agrifood applications and quality food intake!



During the previous year, CYSLOP consortium heavily invested in bilateral talks with the end-users/farmers in Cyprus and Slovenia, clarifying the coming Internet of Things (IoT) interventions and aligning their scope with the existing situation in their farms.

In parallel, the design, engineering, testing and deployment of decades of sensors and IoT devices was achieved in both countries. FINoT platform, Future Intelligence's (FINT) response for the IoT era is being optimised incorporating new FIWARE and built-in modules.

Kind regards,

Theocharis (Harris) Moysiadis, Coordinator of IoF2020 UC 4.5

DIGITAL ECOSYSTEM UTILISATION (CYSLOP) IN A NUTSHELL



Digital Ecosystem Utilization (CYSLOP) is a new sub-grantee open call project within IoF2020 ecosystem that aims to deliver tailored services to farm operators based on IoT data acquired on-field.

Moreover, traceability technology will be integrated with the support of relevant experts (5.3 IoF2020 use case) so that IoT data and post-farm critical events are coherently grouped. Ultimately, consumers will enjoy a complete data-story telling regarding the origins, conditions and steps of the agrifood product and have the opportunity to further interact with the producer.

NEWS FROM THE FIELD



In July the first three (3) farms in Cyprus were equipped with IoT sensor devices. Agricultural Research Institute of the Republic of Cyprus (ARI) had arranged the practicalities of FINT's visit and nicely organised the visits at the three locations.

Fruit farms with strawberries, berries and hydroponic tomato were equipped with soil and air sensors. The deployment team re-visited the beautiful island to install newly designed FINoT irrigation controllers aiming to maximise water efficiency during irrigation and increase the field's performance.

NEWS FROM THE FIELD



Another summer visit in Slovenia took place to deploy the same IoT set-up as our farmers were looking forward to receiving the proposed technology. ITC-Cluster of Murska Sobota welcomed FINT personnel in the beautiful country of Slovenia and deployments were completed in the next four days. From that time, six farmers monitor the microclimate conditions of their parcels online through dedicated accounts and private tenants. Crop cultivations under IoT control included several kinds of vegetables productions subject to seasonal changes like tomatoes, garlic, beans, pumpkins, cucumber, sweet peppers, tomato, onion and salads. Some of these locations (three actually) are also piloting FINoT irrigation controllers deployed in November 2019.

UPCOMING ACTIVITIES

The coming Spring the hardware installations will be completed with the final farmers that the consortium selected. On the technology development side, post farm operations and events will be registered at FINoT platform following a data model that is well-adopted by the Food industry. At the end, an agrifood specific dashboard will be built based on FINoT foundational cornerstones but with even more functionalities and features for the end users and the ecosystem.

PAST EVENTS

29-30/1/2019, Bordeaux, France: Trial level meeting for Use Cases in IoF2020 pilots 3 & 4: New Use cases welcome, Presentation of the state of the art of the various cases, Use Case synergies, IoF WP3 and WP6 presentation, Q&As, Pilot Visit.



2-4/3/2019, Thessaloniki, Greece: **Detrop-Oenos**: The two exhibitions are expected to attract the interest of domestic and international exhibitors and visitors. With a rich schedule of side events, innovative actions and novel proposals, the exhibition 'duo' will once again serve as a point of reference for the food & beverage sector.



6-8/3/2019, Prague, Czech Republic: The **third IoF2020 meeting** was very special since it was organised together with the SmartAgriHubs kick-off meeting, it officially welcomed 13 new use cases while it included workshops, site-visits, trainings and plenary talks in between the three day lasting networking opportunities.



11-13/4/2019, Thessaloniki, Greece: **FRESKON**, the International Trade Show for Fruits & Vegetables being held for the 6th time this year, is already the focal point of the sector, serving as a meeting place for producers, international retail groups, as well as domestic and international transporters of fresh fruits and vegetables.



PAST EVENTS

7-9/9/2019, Thessaloniki, Greece: **Thessaloniki International Fair**: The 84th TIF attracted more than 1600 exhibitors. Peoples' interest at this year's TIF was attracted by the Digital Greece theme, an initiative of the Ministry of Digital Governance and TIF-Helexpo, in collaboration with Industry Disruptors-Game Changers.



23-24/10/2019, Athens, Greece: **StartupNow Forum** hosted a workshop for **Attica's Hub for the Economy of Data and Devices**. FINT, as a founding partner, presented IoF2020 and the under-development solutions that bring value to Agrifood SMEs.



17/11/2019, Patras Agrifood Masterclass, supported by **Orange Grove** and Dutch Embassy of Athens, gathered a dozen of Greek Agrifood start-ups to train them on their business model, marketing and commercialization strategies. **CYSLOP proposition** was discussed and used as a paradigm to get external funding for Research and Development activities that sustain a certain business offering.



COMING SOON



30|01 - 02|02
2020
THESSALONIKI INTERNATIONAL
EXHIBITION & CONGRESS CENTRE

The interest of farmers from Greece, the Balkans, and Southeastern Europe will turn to the largest trade fair of the sector, **Agrotica**, which will be organised for the 28th time from 30 January to 2 February 2020 at the Thessaloniki International Exhibition Centre.



Digital technologies hold the key for a smarter, more competitive and resource-efficient agricultural sector. Today, EU farmers are already benefiting from digital solutions, but barriers preventing a more widespread use of new technologies still exist. FINT will discuss its activities to inform farmers for the new digital era and the transformation challenges.



This **event** will be a great opportunity for all IoF2020 stakeholders to interact with one another, celebrate our achievements, and learn from other projects present.

LEARN MORE ABOUT CYSLOP AND IOF 2020



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