

Kick-off meeting Project Monitoring and Communication



Ulrike Pogoda de la Vega & Marijke Hunninck

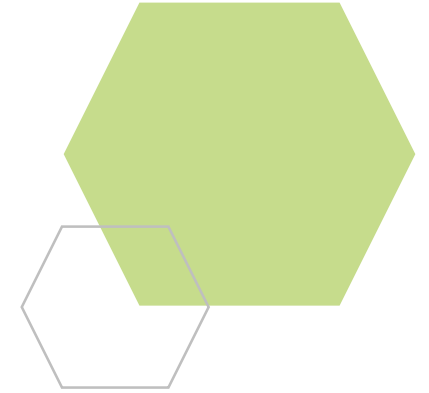
Kick-off cofunded Project Seminar
17-18th March 2021

Guidelines for the Project Monitoring and Communication Activities'

The 'Guidelines' document is one unified document providing information on monitoring, reporting and communications activities.

The document includes provisions on:

1. Project monitoring
2. Project reporting
3. Project communication and dissemination
4. The use of open access archives
5. Reference to the funding bodies in publications.



https://ictagrifood.eu/sites/default/files/ICT-AGRI_FOOD_Brief-Guidelines_reporting-monitoring_cofund-projects.pdf

Monitoring Secretariat

ICT-AGRI-FOOD Monitoring Secretariat (MS) supports the process and impact of the funded projects by close monitoring during the project implementation period.



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Project Management **Juelich**
Sustainable Development and
Innovation
Bioeconomy | European Initiatives



Domnica Cotet [DC]

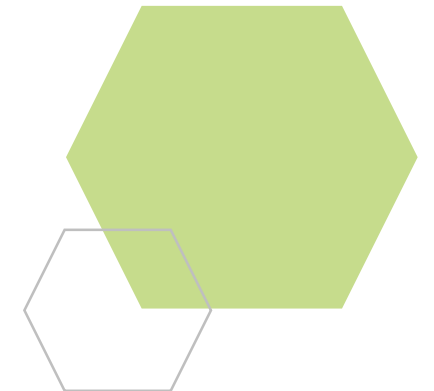
domnica.cotet@uefiscdi.ro

Ministry of National Education, Unitatea
Executiva pentru Finantarea,
Invatamantului Superior, a Cercetarii,
Dezvoltarii si Inovarii (**UEFISCDI**)

Responsibilities of the monitoring person

Each cofunded transnational / European R&I project has one assigned contact, i. e. monitoring person.

- Ensuring that the projects fulfil the requirements of reporting (completeness, questions, request of additional information etc.)
- Facilitating dissemination activities throughout the project
- Interface between projects and ICT-AGRI-FOOD network promoting information exchange
- Support the coordinators to solve problems in any stage of the project



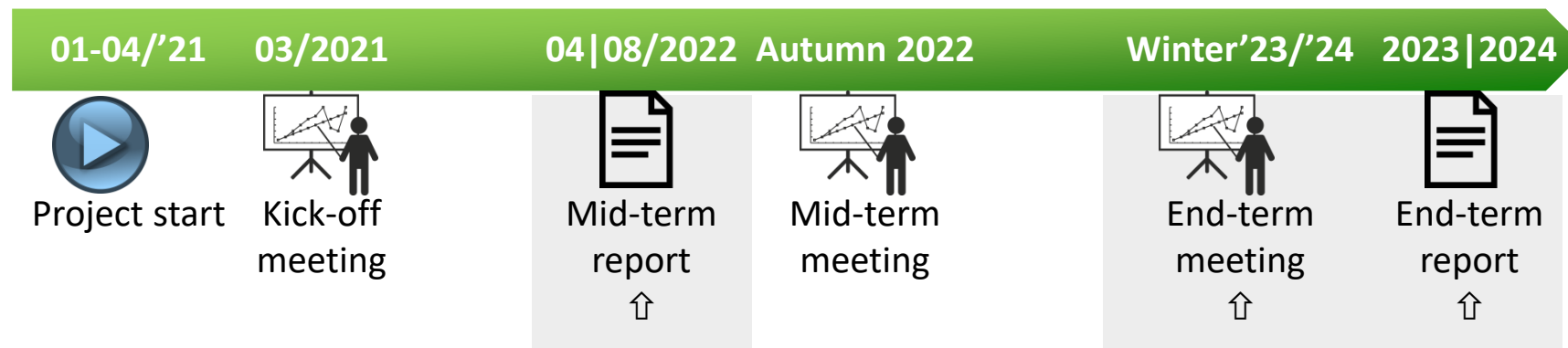
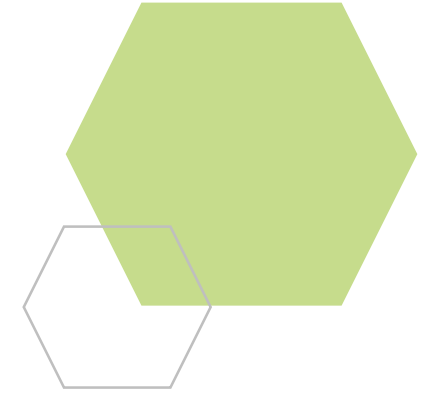
Why reporting ...

- Defined in the call announcement
 - State of progress
 - Deviations, problems, delays → intervention necessary?
 - Recall call & project objectives
 - Scientific quality
 - Objectives / deliverables achieved? Other achievements?
 - Outputs / outcomes / potential impact
 - Sustainability aspects
 - future perspectives, potential implications?
- Perception & utilization by funders
 - Learning / Networking
 - Dissemination of results with help of ICT-AGRI-FOOD to create / enhance impact



Reporting Timeline

- Start of projects: Dec. 2020 – April 2021
Project duration varies between 24 – 36 months
- ❖ Virtual Kick-off meeting: March 2021
- Mid-term report: April/Aug. 2022 (tentative)
- ❖ Mid-term meeting: Autumn 2022 (tbd)
- ❖ End-term meeting: Winter 2023/2024 (tbd)
- End-term report: 2023|2024 (tentative)



General duties of the project coordinator

- Inform Monitoring Person¹ or ICT-AGRI-FOOD Coordinator² as well as the national Funding Partner Organisations about any **major change** in the course of the project affecting the Consortium as a whole (e.g. changes in work plan, scope or in the Consortium; substantial delays).
- Submit a mid-term and an end-term **report**
- Support **monitoring survey**
- Provide 4 contribution dues to ICT-AGRI-FOOD Knowledge Incubator
- **Participate** in the kick-off meeting, mid-term meeting and end-term meeting.
- Ensure that all project publications (of each partner) in **any media** include **proper acknowledgement**.

These duties are obligatory!

They do not substitute national regulations!

¹ Project dependant contact (cf. overview)

² Johannes Pfeifer (Johannes.Pfeifer@ble.de)

Deadlines

24 months				28 / 30 months			
ADCATER	ANTONIO	GOHYDRO	LivestockSense		[UTOPIA]	FINDR	IMPPeach
	01.03.2021	01.03.2021	01.04.2021		01.03.2021	01.02.2021	01.02.2021
	28.02.2023	28.02.2023	01.04.2023		30.06.2023	31.07.2023	31.07.2023
Itzik Levy	Vasileios Fragos	Panagiotis Zervas	Thomas Banhazi		Dennis Kooijman	Jonah Vincke	Vangelis Vassiliadis
DC	UP	DC	MH		MH	UP	UP
30.04.2022	30.04.2022	30.04.2022	30.04.2022	midterm	30.04.2022	30.04.2022	30.04.2022
15.05.2023	15.05.2023	15.05.2023	15.05.2023	endterm	31.10.2023	31.10.2023	31.10.2023
09-21 and 09-22				6mQ	09-21; 09-22; 03-23		

36 Months											
SustainIT	PLAN P	SPECTROFOOD	ADDFerti	BeeConnected	HALY.ID	MERIAVINO	MUSHNOMICS	POSHMyCo	SHEET	SoCoRisk	TailBiteAdvice
01.12.2020	02.01.2021	01.01.2021	01.03.2021	01.02.2021	01.02.2021	01.02.2021	01.02.2021	01.03.2021	01.02.2021	01.03.2021	01.02.2021
31.12.2023	31.12.2023	31.12.2023	28.02.2024	31.01.2024	31.01.2024	31.01.2024	31.01.2024	28.02.2024	31.01.2024	29.02.2024	31.01.2024
Ants-Hannes Viira	Jonathan Thévenot	Giannis Malouas	Abdul Mouazen	Fabrice Requier	Cristina Pinotti	Adel Hafiane	Rudolf Erdei	Abdul Mouazen	Manuela Zude-Sasse	Mathieu Lamandé	Tomas Norton
MH	MH	UP	UP	UP	DC	DC	DC	MH	UP	UP	MH
15.07.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022	31.08.2022
31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024	31.03.2024
09-21; 03-22; 03-23; 09-23											

Communication team

ICT-AGRI-FOOD communication team supports the communication and dissemination of the funded projects during the project period.



Johannes Pfeifer
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 and Food
(BLE)



Vanda Riedel-Füzesi
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 Ministry of Agriculture
(AM)

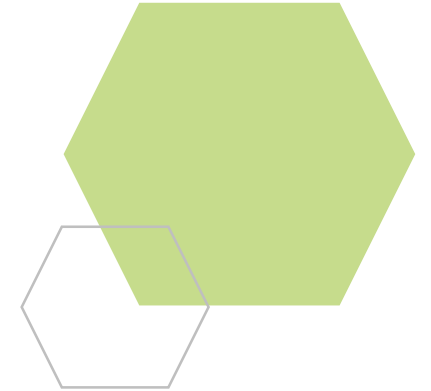


Marijke Hunninck
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 Flanders Institute for
 Agricultural, Fisheries
 and Food Research
(ILVO)

Project communication and dissemination

The ICT-AGRI-FOOD partner ILVO **will set up sub-webpages dedicated to the 19 research projects from the cofunded call** on the respective network website: www.ictagrifood.eu

The project coordinator is required after the start of the project to deliver project information to ILVO (Marijke.hunninck@ilvo.vlaanderen.be) that will be used to create the dissemination website. Templates will be provided by the communication responsible. The material will also be used to prepare a project leaflet. In addition, the project coordinator is expected to send continuous at least annual project news to ILVO that are relevant for the stakeholders and interested audience.



Leaflet

Project leaflet: will be soon available for download on website!

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no 862665 ICT-AGRI-FOOD

ICT-AGRI-FOOD COFUND



The ERA-NET ICT-AGRI-FOOD launched in 2019, the cofunded call "Transnational, collaborative, inter-/transdisciplinary research projects on ICT-enabled agri-food systems" for transnational research projects. The network consists of 28 funding bodies from 22 countries, 3 European regions and the European Commission.

ICT-ENABLED AGRI-FOOD SYSTEMS

The ERA-NET Cofund ICT-AGRI-FOOD strengthen the transnational coordination of research programmes and ensure better cooperation and use of resources in the area of digital agri-food research, development and innovation. The scope of this co-funded call covers the entire value added chain of the agri-food sector from farm to fork and puts a special focus on the sustainability and transparency of the sector.

19 selected research projects investigate, develop and test digital solutions for the rising demand for food, competition for land and other natural resources from other biomass uses globalisation, and threats from animal or plant diseases, environmental and climatic changes, public health considerations and economic constraints.

ICT-AGRI-FOOD Topic 1: Data-driven ICT platforms and solutions to improve the sustainability of agri-food Systems Horizon 2020

[UTOPIA]



AUTOMATED OPEN PRECISION FARMING PLATFORM

UTOPIA will focus on a single (standardized) platform where (robotic) paths, monitoring strategies can be set and the drones/USV's/AGV's automatically deployed when certain conditions are met. Precision-farming needs large-scale adoption to increase production at such a level that it significantly contributes to minimizing the gap between actual and required world-production of food. Increasing the measurement and actuation intervals of e.g. monitoring for pests and watering are expected to contribute to e.g. increased yields. This would also increase the burden on the farmer, as the measurement-time and data-processing time increases significantly. This can be mitigated with Automated (cooperative) Precision Farming with the use of autonomous driving vehicles, vessels, drones and dedicated installations mounted on regular agricultural machinery.

ICT-AGRI-FOOD Topic 1: Data-driven ICT platforms and solutions to improve the sustainability of agri-food Systems Horizon 2020

BACKGROUND

According to the UN, in this century the world population will increase rapidly till 6 billion people. Moreover, even today there are 515 million people, around 11% of the world population, who suffer from chronic hunger or lack of proper nutrition. There is a consensus that farming needs to become sustainable by increasing the yield per square meter, as creating more farmland would most likely come at the expense of other ecological systems. More unconventional resources will also need to be utilized: the UN has identified seafood as a promising food source, thus making use of the oceans that cover 70% of the world. However, offshore farming has additional challenges compared to land-based farming due to reduced accessibility.

Precision-farming is identified as one of the promising developments to mitigate a large part of the aforementioned challenges. New affordable sensors and agri-robotics are becoming available in the market, enhancing the land/sea concession processing with precise geospatial sensor data. Increasing the measurement and actuation intervals of e.g. monitoring for pests and watering are expected to contribute to increased yields and e.g. lower water consumption. Moreover, derived data like yield estimation can contribute to a more optimized food-chain from source to store.

MAIN PROJECT ACTIVITIES

UTOPIA targets multi-stakeholder, complex heterogeneous, autonomous, data-rich and highly-interconnected power-efficient systems in an agricultural context. The academic work, therefore, relies on real-world specifications to identify the needs of the envisioned framework. Two promising use-cases in two different sectors for automated precision farming are selected, to provide commercial (buyer), agricultural (farmer) and technical (system developer) input.



ICT-AGRI-FOOD Topic 1: Data-driven ICT platforms and solutions to improve the sustainability of agri-food Systems Horizon 2020

EXPECTED SOCIAL IMPACT

Currently the agricultural sector is facing huge sustainability challenges, especially those related to environmental, labour and social aspects in production. Various factors limit further incremental improvement of current systems. Breakthroughs and a paradigm shift are required for next-generation agricultural production systems that are sustainable, circular and nature-inclusive. UTOPIA proposes such a change through scalable data-driven precision agricultural practices. Increased yields will contribute to the required increase of food production for the world.

The automated data retrieval, processing and remote management of an offshore farm are required to enable safe and cost-effective growth of offshore crops. In order not to make the same mistakes as made with extensive monoculture farming on land it is important to obtain a scientific and nature-inclusive approach. UTOPIA brings tools that are instrumental for support of scientific research, just-in-time seeding, installation, nurturing and harvesting the crops, with eye on ecology and yield while reducing unsafe work.

Keywords

- Cooperative
- Autonomous vehicles
- Digital twin
- Spatio-temporal interpolation

Duration

01/03/2021 - 30/06/2023

TRL

Technology Readiness Level 4 - 5

Consortium

Coordinator

- Dennis Kooijman - Intelligent Autonomous Mobility Center (I-AM Center), The Netherlands

Partners

- Sinan Öncü, Bogazici University, Istanbul, Turkey
- Steve Vanlanduit - University of Antwerp, Belgium
- Harris Ahmad Khan - Wageningen University & Research, The Netherlands
- Ivo W. Weling - Agitec Projects BV, The Netherlands

Funded by

- LNV, The Netherlands
- TÜBİTAK, Turkey
- FWO, Belgium

Newsletter

The project coordinator is responsible for providing **two articles in English** (150-200 words) and a **project related visual documentation** to the editors of the ICT-AGRI-FOOD newsletter (Marijke.hunninck@ilvo.vlaanderen.be) per year.

<https://ictagrifood.eu/node/40530>



Creating an article for the Newsletter

Headline

The purpose of the headline is to raise interest and attract reading.
Length: Keep it short (8-10 words)

The body text of the article

Add subheadings and create paragraphs if needed (max 200 characters)

Photos, videos and leaflets etc. can be added.

Photo legend(s):

Send photos as separate files, unless you tell us differently, photos will be placed in a Dropbox folder for possible use on the website later.

Relevant link(s)

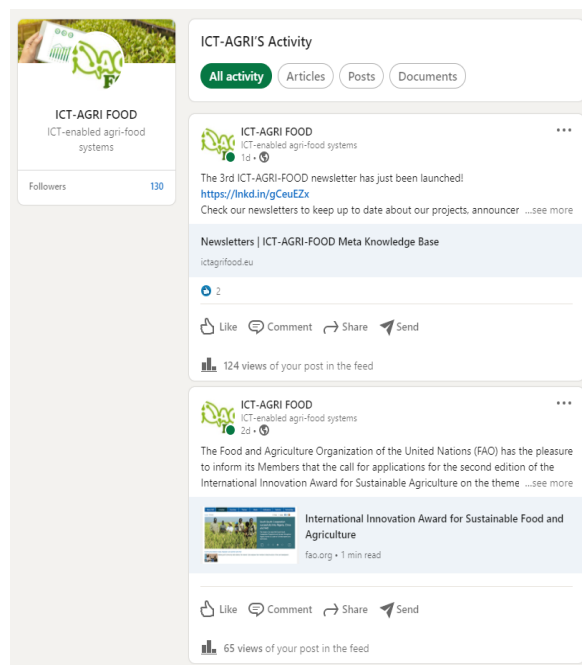
Author(s) info

(fill in name, affiliation, e-mail, link to website)



Project communication and dissemination activities

- **Social media** If you have a Twitter or LinkedIn account: follow us and tag us when you post news from the projects: @ictagrifood
- **Link to project websites** – if no one knows they exists no one will go there



Continuously using existing channels for communication/dissemination

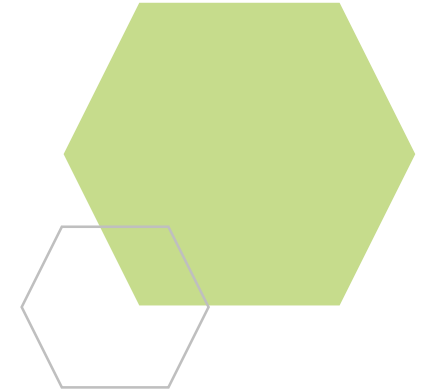
Inform us about new projects results



Uploading of information, results and reports in the open access archives

Upload scientific results and project information, publications on ICT, agriculture and Food, that could be relevant for dissemination on open-access archives (for example [Journals Elsevier](#), [MDPI](#), [Journal of the science of food and agriculture](#)).

Project coordinator and partners are highly recommended to publish relevant practice-oriented project results also in their national languages.



Reference to the funding bodies in publications

In all publications of the project (abstracts, reports, deliverables, printed media, newsletters, etc.) the project partners have to acknowledge the transnational funding of this project by the ICT-AGRI-FOOD Cofund funding bodies:

“(project ACRONYM) is part of the ERA-NET Cofund ICT-AGRI-FOOD, with funding provided by national sources [Funding agency 1, Funding agency 2, ...] and co-funding by the European Union’s Horizon 2020 research and innovation program, Grant Agreement number 862665.”

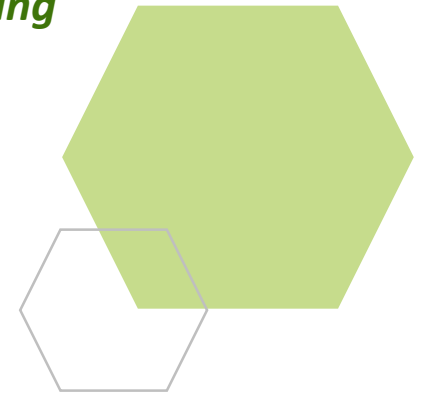
On your website:

“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 862665 ERA-NET ICT-AGRI-FOOD.”

Social media:

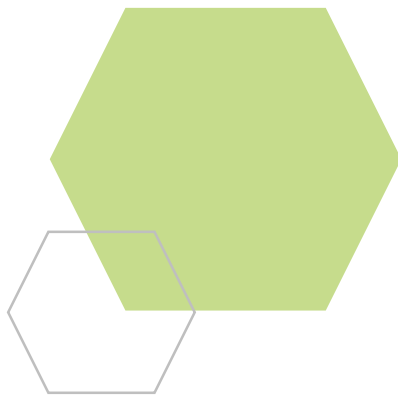
@ project ACRONYM

Title of your project, a research project funded by ICT-AGRI-FOOD ERA-NET H2020



Research and General Data Protection Regulation (GDPR)

Project coordinator and partners agree to adopt a privacy policy in order to fulfil the requirements regarding handling and processing of personal data in research projects indicated in the GDPR regulation.



LET'S KEEP IN TOUCH

Please feel always free to reach out to us.

TWITTER - LINKEDIN

@ictagrifood - <https://www.linkedin.com/in/ict-agri-food-1225041b9/>

WEBSITE

www.ictagrifood.eu

EMAIL

Ulrike Pogoda de la Vega: u.pogoda.de.la.vega@fz-juelich.de

Marijke Hunninck: Marijke.Hunninck@ilvo.vlaanderen.be

Thank you for your attention