CHAMELEON

A Holistic Approach to Sustainable, Digital EU Agriculture, Forestry, Livestock and Rural Development based on Reconfigurable Aerial Enablers and Edge Artificial Intelligence-on-Demand Systems

Newsletter

June 2024 | Vol. 4

Welcome to the fourth edition of our CHAMELEON e-newsletter

In this e-newsletter, we highlight the latest updates on our drone and satellite technology applications in rural development: agriculture, livestock, and forestry.

This edition provides a detailed look at the outcomes of our First Open Call, which aimed to attract third parties to develop bundles to be added to the CHAMELEON platform.

You will also find all the essential information about the Second Open Call, which is focused on integrating the pilot use cases using CHAMELEON solutions.

Follow us for updates

It is great to have you with us, whether you are returning or joining us for the first time!

If you have not already, be sure to subscribe to our e-newsletter for regular updates, and follow us on our social media platforms to stay connected with the CHAMELEON community. By joining our mailing list and social networks, you will be among the first to learn about the new developments, upcoming events, and opportunities to engage with our project.

Click **here to sign up** and never miss an issue.

Partner **LAMMC** presented CHAMELEON's objectives and current results to over 250 attendees at the conference entitled
New Genomic Technologies and Digitalization in Agriculture and Forestry.

The emphasis was on the integration of advanced technologies in agriculture and forestry, highlighting the innovative approaches being adopted to enhance efficiency and sustainability.

Read more

CHAMELEON was also featured at the international event **Green Horizons Summit 2024**. Fruitful discussions were held about the significant contributions of the Horizon Europe program to the development of bioeconomy.

The panel focused on how the implementation of very different projects could achieve the same impact and contribute to the potential growth of bioeconomy in Europe.

Read more

Conferences & Events

Partner **ACCELIGENCE** showcased the CHAMELEON drone in the **Automation and Robotics Expo 2024**, in Athens, Greece.

The CHAMELEON drone is capable of quickly modifying its configuration and size to meet various operational mission requirements in agriculture, livestock, and forestry.

Read more

Synergies

CHAMELEON Second Open Call and **CHAMELEON Call for Experts** were presented in collaboration with its sister projects ICAERUS and SPADE, in a **webinar** specifically dedicated to the Open Calls.

This session was not only useful for explaining in detail the key aspects and objectives, but also served as a dynamic platform for participants to engage directly with the organizers, by posing questions and seeking clarifications to ensure a thorough understanding of the call's scope and expectations.

Read more

CHAMELEON Open Calls

The sub-projects funded by the **CHAMELEON First Open Call** have started. These five sub-projects are developing new bundles, which will be integrated into the CHAMELEON platform.

Acronym	Title	Company	Topic	Bundle Code	Country
VIPA-DELF	Vineyard Leaf Image Analysis for Pest and Disease Detection using Explainable Federated Learning	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU	Agriculture	BC2 – Health status of vineyards and early detection of pest and fungal infestations	Norway
mandrlAno	mandrlAno: AI-empowered stockman	ELIF LAB	Livestock	BC8 – Monitoring livestock/individual animal/virtual fences	Italy
SAFRA	Sustainable Aerial Forestry Resilience Analytics	FORCERA, LDA	Forestry	BC4 – Early detection of health status in forest	Portugal
THRUST LOG-IQ	THRUST LOG-IQ: Image-based Quantification of Logs	UAB AeroDiagnostika (THRUST® - Intelligent UAV Systems)	Forestry	BC1 – Access to forest (paths, roads)	Lithuania
TILO	Timber stack Inventory for Logging Operations with UAVs	PANOimagen	Forestry	N/A	Spain

Read more

CHAMELEON Open Calls

CHAMELEON Second Open Call and **CHAMELEON Call for Experts**
opened for proposals on March 31st and will conclude on June 30th.

CHAMELEON's Second Open Call and Call for Experts:

Submission Open Until June 30th 23:59h CEST

FAQ

First Open Call

Main Objective
Attract third parties to develop bundles to be added to the CHAMELEON platform

When
Call started on August 1st 2023, and closed on November 1st 2023

Budget
300,000 €

Closed
- Guide for Applicants (OC1)
- Proposal Template (OC1)

Results

Second Open Call

Main Objective
Integrate pilot use cases using CHAMELEON solutions

When
Call started on March 31st 2024, and will close on June 30th 2024

Budget
300,000 €

Open
- Guide for Applicants (OC2) – Last update: April 9
- Proposal Template (OC2) – Last update: March 31

Apply

Call for Experts

Role
Proposal evaluation for Second Open Call

When
Call started on March 31st 2024, and will close on June 30th 2024

Open
- Guide for Experts (OC2) – Last update: March 31

Apply

This initiative is focused on the **implementation of small-scale pilots** that will validate the developed bundles, and demonstrate the impact and potential of the CHAMELEON approach.

CHAMELEON

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2nd Open Call

Funded by the European Union

Watch our **new video** on the Second Open Call.
We have just launched an informative video that provides a comprehensive overview of the significance and scope of the Open Call for the agriculture, forestry and livestock sectors.

Read more

Videos

Explore our latest videos in the **Videos section** and dive deeper into CHAMELEON.

In this section of our website you can discover the latest insights and developments in our project. We have just added three new videos that are a must-watch! These feature engaging new updates, in-depth interviews, and detailed coverage of recent events, all tailored to give you a closer look at our objectives.

Do not miss any of these videos that enhance your understanding of the significant work we are doing. Whether you are looking for a quick overview or deep dives into specific areas, our video library is continuously updated to keep you informed.

Check out these new additions and explore our archive for more informative content.

Read more

Interviews

Are you curious about the people driving our research?

Visit our **Interviews Section** to discover engaging conversations with key players in our project.

Each interview is designed to provide light on the fundamental aspects of our work, and to offer a firsthand look at the perspectives of our core team in CHAMELEON.

These interviews are not just informative: they connect you directly with the experiences, challenges, and achievements of our team.

Featuring in-depth discussions, we bring you closer to the heart of our project, enhancing your understanding of CHAMELEON.

Read more

Consortium

ACCELIGENCE

adrestia
Equilibrium in Research & Development

A!DEAS

DIPUTACIÓN DE ÁVILA

DELAIR

JOHANNITER

LAMMC
LITHUANIAN RESEARCH CENTRE FOR AGRICULTURE AND FORESTRY

CIHEAM
MAI CHANIA

SQUAREDEV

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