







Communication and dissemination report

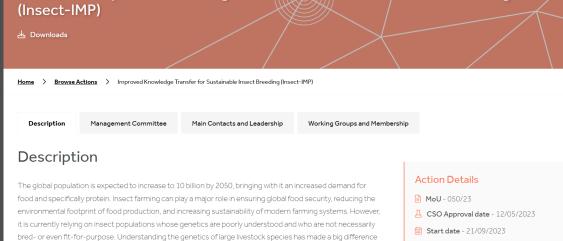
Georgia Baliota

Science Communication Coordinator

Cost website

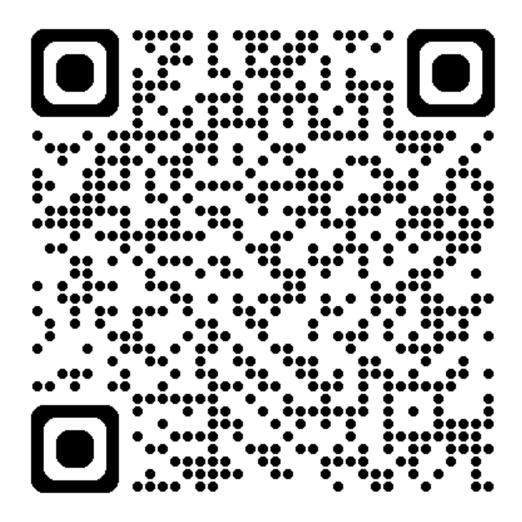
cost.eu/actions/CA22140/

CA22140 - Improved Knowledge Transfer for Sustainable Insect Breeding



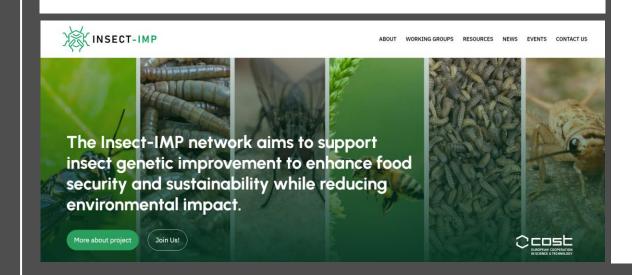
to the advancement of farming systems, but little effort and research has been put into developing structured

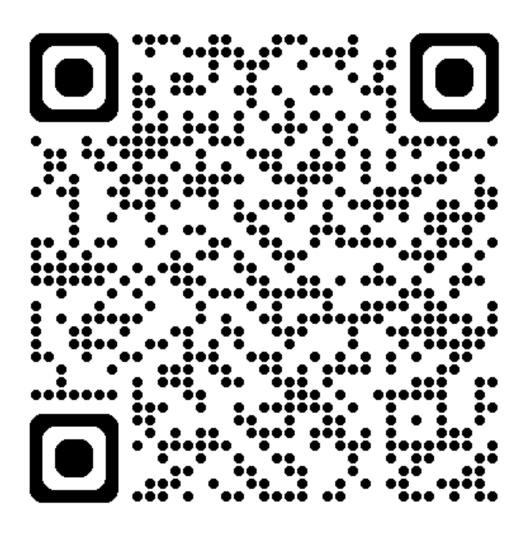
End date - 20/09/2027



Action website

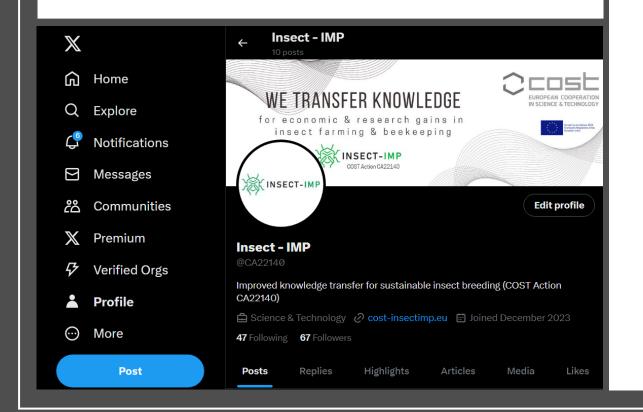
cost-insectimp.eu

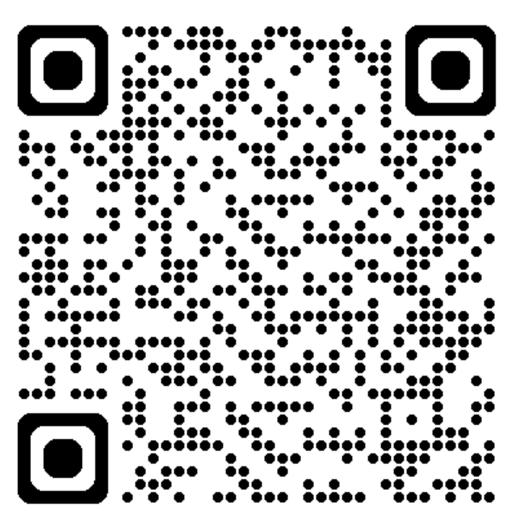




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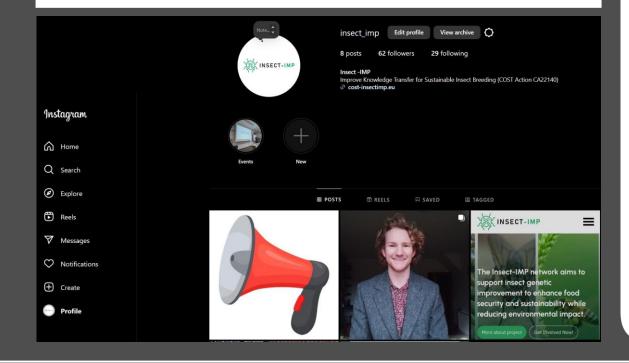
x.com/CA22140





Instagram profile

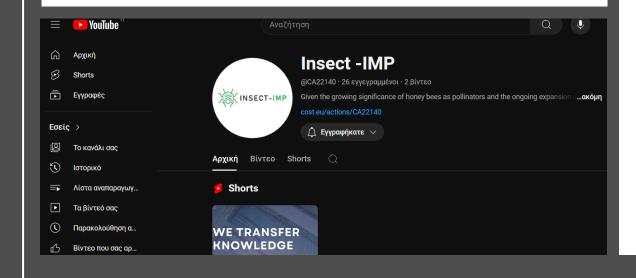
instagram.com/insect_imp/

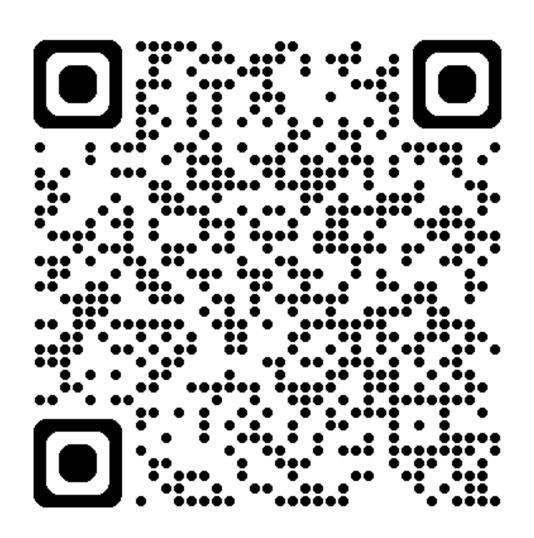




Youtube page

cost-insectimp.eu





Wageningen website

www.wur.nl/en/show/improved-knowledge-transfer-for-sustainable-insect-breeding.htm



Education & Programmes Research & Results Value Creation & Cooperation

About WUR

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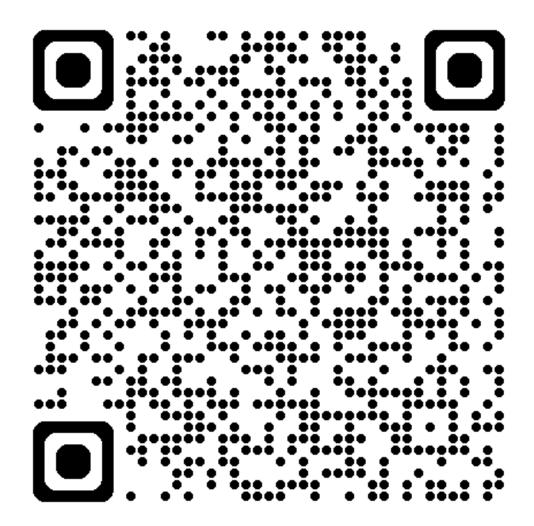
D.

Do you have a question about the Insect-IMP COST Action? Please contact our expert: dr.ir. AC (Aniek) Bouwman PhD

Contact

Read more about this COST Action:

> CA22140 – Improved Knowledge Transfer for Sustainable Insect Breeding (Insect-IMP)



December 19, 2023

What we can disseminate - communicate







2nd CA22140 Insect-IMP Grants Call for Inclusiveness Target Country (ITC) Conference grants

We are happy to announce the 2nd grants call within the Insect-IMP COST Action. We will be awarding one ITC Conference Grants to Young Researchers and Innovators, under the age of 40, to attend international science and technology related conferences not specifically organized by the COST Action. The grants awarded, up to 1100€ each, will be used to support collaboration, knowledge sharing and transfer, research and developments within the Action scope of insect genetic improvement.

Application deadline: April 19th, 23.59 CET Decision and notification: April 24th

In this document we specify details on the grant call and present the review criteria. To explore all COST definitions, conditions, and details of the application process, including practical information on how to apply, the review and the payment processes, applicants are advised to explore:

- COST website
- Grant Awarding User Guide
- Annotated rules for COST actions (focus on pages 95-101)

Eligibility

- Have to be Full/Cooperating Members of Insect-IMP COST.
- For Inclusiveness Target Country (ITC) Conference Grants: only Young Researchers and Innovators (under 40 years old) affiliated in an ITC/NNC are eligible.

The grants contribute to traveling, accommodation and subsistence expenses, registration fees, printing of scientific posters and overall effort. Grantees cannot be double funded for any of the expenses covered by the grant. An ITC Conference grant requires a presentation of own work, within the scope of Insect-IMP but not necessarily containing action-derived results, given by a Young Researcher and Innovator affiliated with an ITC/NNC for participation at a high-level conference. The presentation can be an oral or poster presentation.







1st CA22140 Insect-IMP Grants Call for Inclusiveness Target Country (ITC) Conference grants

We are happy to announce the 1st grants call within the Insect-IMP COST Action. We will be awarding one ITC Conference Grants to Young Researchers and Innovators, under the age of 40, to attend international science and technology related conferences not specifically organized by the COST Action. The grants awarded, up to 1100€ each, will be used to support collaboration, knowledge sharing and transfer, research and developments within the Action scope of insect genetic improvement.

Application deadline: March 29th, 23.59 CET Decision and notification: April 3rd

In this document we specify details on the grant call and present the review criteria. To explore all COST definitions, conditions, and details of the application process, including practical information on how to apply, the review and the payment processes, applicants are advised to explore:

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Grands



May 14-16, 2024 in Potsdam

TOPICS



CALL FOR ABSTRACTS

is open until March 29, 2024!



Leibniz Institute for Agricultural Engineering and Bioeconomy



Upcoming Conferences





Who can participate?

- Researchers in the field of farmed insects looking to make contact with some industry partners
- · Insect producers looking for inputs into a genetic improvement scheme for their operation
- People who are looking to attend **INSECTA** in Potsdam in May '24, but are short on funds

We might just have the answer to all of these people!





Fill out this form to participate!



Workshops

















Insect breeding is a fast-growing industry that requires a vibrant support community and tailored-to-need genetics research related to everything from genetic diversity and population structure, phenotyping, breeding objectives, to estimation of breeding values in insects. The aim of this workshop is to bring together scientists working on various insect species and aspects of insect breeding, to present state-of-the-art research, spur debate across species and fields, and to train new generation of insect breeders.

The workshop is organized in tight collaboration with Insect-IMP COST Action that strives to connect edible and non-edible insects, academia and industry, as well as insect and livestock breeding to transfer knowledge to support insect genetic improvement to enhance food security and sustainability while reducing environmental impact.







Insect-IMP COST Action

Workshops



Reports from Action's events and meetings

BREEDING

Phenotype- the visible traits of organisms, including morphology, behavior, and physiological products. Phenotype is influenced by genotype, environmental factors, and interactions between genotype and environment.

Genotype is complete set of genes that characterize one insect.

Genetic value definition

Breeding value definition



BREEDING vs FARMING

Farming (rearing)

The process of keeping, feeding and providing care for targeted insects. The aim of the rearing is to provide one or more insect-derived products that are useful to humans and animals.

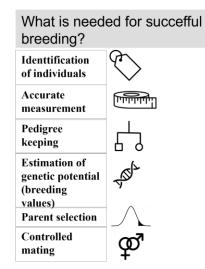
Breeding (rearing)

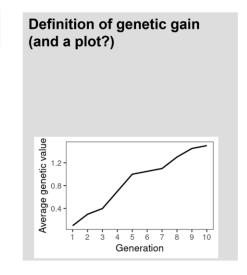
Involves selecting individuals with desired traits to serve as parents, who are then crossed to produce offspring with those desired traits.

Why would you breed insects?

Using the experience and knowledge gained from breeding programs focused on traditional production animals, insect breeders can significantly enhance their production capacity compared to random mating.

Maintaining genetic quality in mass-reared insects is crucial for commercial production in food and feed.





Infographics (to be made)



Promo video of the participants (to be made)



Other ideas?