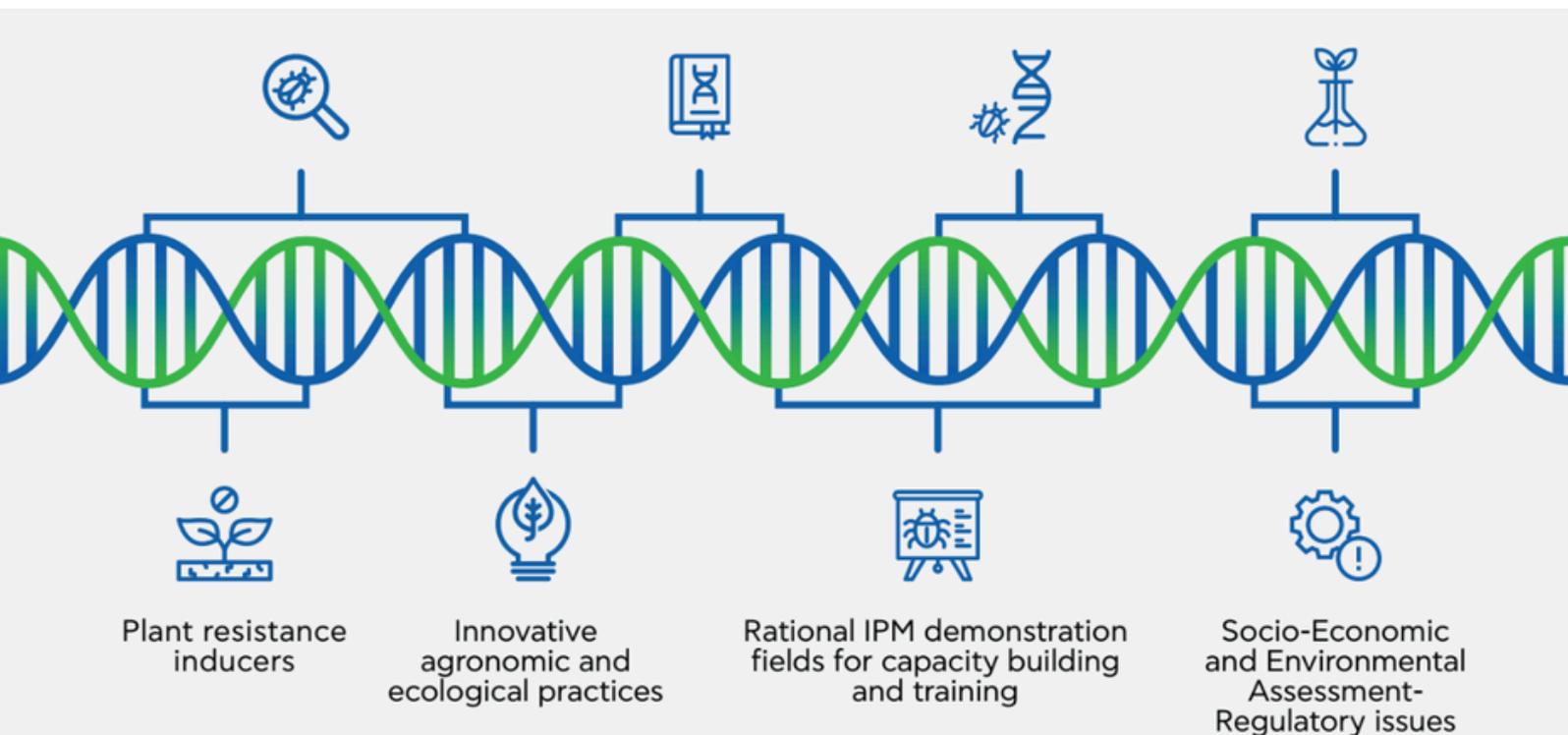




NEXTGEN BIOPEST

4th NEWSLETTER | SEPTEMBER 2025 - FEBRUARY 2025

.....



NextGenBioPest at Digibuild Event!



In early September 2025, Smart Agro Hub represented the NextGenBioPest project during the consortium meeting of the Digibuild event.

Learn more [here](#).

NextGenBioPest at Cooperative Cobella!

On 25 September 2025, Apostolos Pekas represented the NextGenBioPest project at Cooperative Cobella in Huelva, Spain, presenting research on the biological control of invasive thrips.

Learn more [here](#).



Podcast - Testimonial from a NextGenBioPest Living Lab!

What are the perceptions of NextGenBioPest living lab participants regarding the AI tool developed within the project's framework?

Learn more [here](#).



NextGenBioPest at 2nd Conference Ecological Crisis & Economic Impacts: Adaptation, Innovation & Resilience!

In September 2025, Smart Agro Hub showcased the NextGenBioPest project during the 2nd Conference “Ecological Crisis & Economic Impacts: Adaptation, Innovation & Resilience” held in Athens.

Learn more [here](#).



NextGenBioPest at Innodays!



We are delighted to share that NextGenBioPest was recently featured at InnoDays – Innovation Days of the Region of Crete, an event dedicated to highlighting cutting-edge research, innovation, and technological advances that contribute to regional and European competitiveness.

Learn more [here](#).

NextGenBioPest at II Encuentro Nacional de Asesores in Valencia!

On 12 November 2025, NextGenBioPest participated in the II Encuentro Nacional de Asesores, a national gathering of plant health advisors held in Valencia, Spain. This key event brought together industry leaders, business partners, agricultural advisors, and experts focused on strengthening plant protection advisory services and promoting sustainable crop management practices across Spain.

Learn more [here](#).



NextGenBioPest at II Encuentro Nacional de Asesores in Valencia!

NextGenBioPest was featured at the 15th Spidermite Genome Meeting, an annual international conference dedicated to advances in genomics within acarology. The meeting, held in Logroño, Spain, brought together leading researchers working on the genetics, evolution, and management of spider mites and other agriculturally important mite species.



Learn more [here](#).

NextGenBioPest at AdNatura 2026!



NextGenBioPest was presented to the wider public at AdNatura – Le Salon de l'Écologie et de la Biodiversité, held in Montpellier, France. The event, dedicated to ecology and biodiversity, brings together researchers, practitioners, associations, and citizens to explore solutions for protecting ecosystems and promoting sustainable practices. During the event, Institut Agro Montpellier delivered an oral communication titled "Diversity and Biological Control", highlighting the essential role of biodiversity in sustainable crop protection and resilient agroecosystems.

Learn more [here](#).



NextGenBioPest Scientific Publications:

Until February 2026, the following scientific publications have taken place:

- Is the CncC/Keap1 complex a major factor in conferring pesticide resistance in arthropods? – A critical review
- Enhanced metabolism associated with resistance to mite growth inhibitors in Tetranychus turkestani from Iran
- Geographical distribution and incidence of pesticide resistance mutations in spider mite and thrips species from North Vietnam
- The cytochrome P450s CYP6CY3 and CYP6CY4 confer resistance to flupyradifurone in the green peach aphid Myzus persicae
- Evolving resistance patterns in Tetranychus urticae and Bemisia tabaci in Greece
- New Records of Phenacoccus solenopsis Natural Enemies in Europe and Taxonomic Additions on Anagyrus matritensis

Until now, NextGenBioPest joined forces with ... projects!

NextGenBioPest joined forces with the following projects:

- RATION
- IPMORAMA
- CERBERUS
- FORSAID
- SOILLSTARTUP
- GREENCHEMFORCE
- BEXYL
- MANTRA
- VIRTIGATION
- SAFWA
- SAGROPIA
- MANTRA
- MICROBIOPEST
- SMARTPROTECT
- MERGE
- BIOVEXO
- DEEPBIOTECH
- KNOW4FARM
- PROVER
- SYBERAC
- BEXYL
- ADVISORYNETPEST
- STELLA
- GREENWISE

NextGenBioPest Stakeholders forum!

Is your company interested in participating in an open dialogue about innovative pest management?

Does your project have a common vision with NextGenBioPest?

If the answer was yes in any of the questions above, it's time to join the NextGenBioPest's **Stakeholders forum!**

Send us an email to angeliki@smartagrohub.gr to explore collaboration opportunities!



166

members

Register 

Become now a registered member of the **NextGenBioPest Innovation Hub** and gain access to valuable content! Explore workshops, job openings, funding opportunities, training courses, and many more!

61

stakeholders

Forum 

Key players of our Hub: Agrochemical and Agritech Companies, Consulting Companies, Research Institutes, Research Projects





NEXTGEN BIOPEST

Project coordination
Dr John Vontas
(vontas@imbb.forth.gr)
FORTH, Greece

Project dissemination,
exploitation and
communication
MSc Angeliki Milioti
(angeliki@smartagrohub.gr)
Smart Agro Hub, Greece



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement 101136611. Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.

