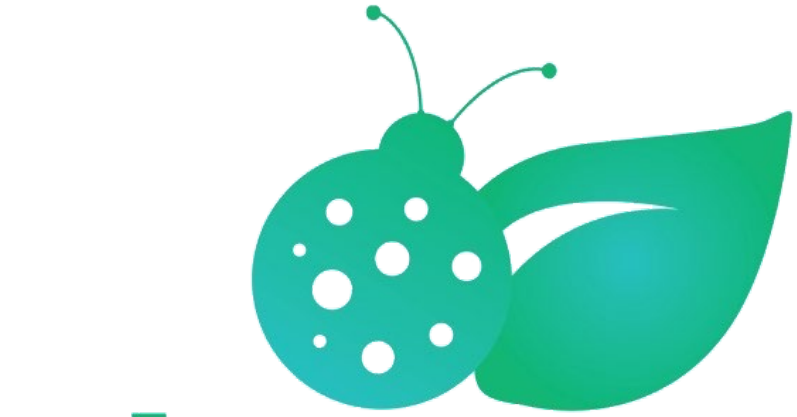

BioECOLOGY

Group ®

"We protect human health and workplace hygiene"


BioECOLOGY
Pest Control


BioECOLOGY
Innova


BioECOLOGY
Hygiene Solutions

Who we are..

Bioecology have many years of experience in the world of Pest Control.

The company was incorporated in 2012 in Reggio Emilia(IT) province, which then transforms and grows with the main objective of diversifying in the sector by looking for new technologies that allow it to have less impact on the environment always guaranteeing quality to customers.

In 2020 the company grow up and expanded, moving to a new location.

HOW and WHERE ?

We define ourselves the leaders in the pest control, providing the best services related to both public and private hygiene.

The study of the environment, the knowledge of the pest agents through the use of advanced methods in the field of pest control make Bioecology a company at the forefront in the field of pest control.


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Bioecology constantly updates and trains its operators, also collaborating with with Sussex University in Brighton(UK), University of Bologna, University of Modena & Reggio Emilia and cooperating with zooprophylactic institutes in the Emilia Romagna region, through which technological innovation centers have been created, with the aim of providing *innovative*, *sustainable* *and above all low environmental impact.*

Inside the Bioecology headquarters an area dedicated exclusively to the research and development of innovative systems for pest control and sanitization with the support of entomologists, biologists and engineers.

The main goal of Bioecology is customer satisfaction, always and in any case.

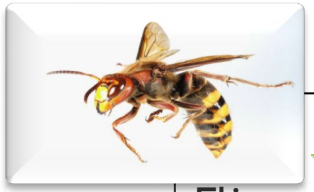
We offer these services

- Disinfestation and treatments against insects (flying and crawling)
- Rodent control and deratization
- Treatment and Removal of birds
- Sanitation of environments, sanitary disinfection and sterilization.
- HACCP Pest Monitoring - Food industries
- HACCP procedures for the food sector
- Training and consulting

Main pests for which intervention is possible

CRAWLING INSECTS

Cockroaches, Ants, Bed Bugs, Scorpions, Fleas, and Food Beetles; as well as species and subspecies of Arachnids (Mites and Spiders) and Ticks.

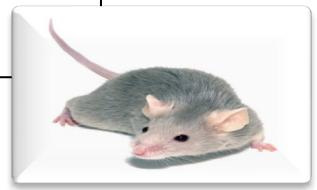


FLYING INSECTS

Flies, Mosquitoes, Bugs, Wasps, Hornets, Beetles and Lepidoptera of foodstuffs

RODITORS

Rattus Rattus, Rattus Norvegicus, Mus Domesticus



BIRDS

Pigeons, Starlings, Turtledoves

SANITARY DISINFECTION

- Through sanitary disinfection, which consists in the sanitization and sterilization of the environments, pathogenic microorganisms such as viruses, bacteria, protozoa, molds, fungi and their reproductive structures and survival (spores) that can cause diseases are destroyed or rendered inactive, cause dangerous infectious diseases in humans and animals.
- Depending on the environments in which the service is performed (schools, food companies, non-food companies, private homes, livestock companies, etc.), the service can be carried out in a variety of ways.
- Food companies, private homes, livestock companies) will be used techniques and methods deemed most appropriate in considered most appropriate in compliance with the procedures imposed by the various security plans.

- **TREATMENT WITH TRIAMINE-BASED DISINFECTANT**

Through this patented system of no moisture residues are released, thus preserving the residual moisture, thus preserving the surfaces, materials in processing areas, equipment and machinery, as well as electronic devices.
The product is effective even at low temperatures, has excellent properties against pathogens (viruses, bacteria and fungi), and has passed all virucidal efficacy tests even on virucidal even on encapsulated viruses such as the Covid19 coronavirus.

- **TREATMENT WITH PRODUCTS BASED ON HYDROGEN PEROXIDE**

Hydrogen peroxide, administered as a dry mist dry, is a 100% biodegradable substance with the ability to eliminate viruses, bacteria and fungi equal to 99.99% rapid action.
The 3% solution is the most commonly used, Hydrogen peroxide is considered to be active against against Covid19.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PERMANENT REMOVAL OF BIRDS

The excessive presence of birds in urban areas and not, threatens the environment in which we live.
These, in fact, represent a serious health and hygiene problem and are vectors of various pathogens and parasites.
Their guano, besides compromising the aesthetics of the buildings, can corrode the structures; moreover, mites and ticks present in the nesting places can penetrate the environments and endanger people's health.
Notoriously the most infested areas are historical city centers, as they favor the best living conditions for these birds.
It would be good to circumscribe the reproductive sites, as well as limit and control food resources, with measures to prevent their penetration, laying and nesting.
The objective that Bioecology wants to achieve, through behaviors and measures protracted over time, is to obtain a better balance between the urban environment and the density of pigeons and doves.

RODENT DERATIZATION

Rodent control is of major importance in order to ensure the quality of products and the safety of working and living environments.

Rodents, especially synanthropic rodents, i.e. those that live in close contact with humans, are characterized by a fast metabolism and rapid reproductive rhythms; this means that the presence of few individuals can quickly evolve into a serious infestation.

In addition to causing damage to products (especially food products), these animals foodstuffs), these animals create several problems to structures and materials, since, having incisors with continuous growth, they need to file them down, gnawing on walls, electrical cables and other components.

Other problems related to these pests are the image damage they cause and the health risk due to zoonoses they can transmit.

An adequate monitoring plan with traps and bait dispensers makes it possible to obtain specific and accurate data about the presence of these pests and to implement corrective actions in order to solve any problems.

Biological Struggle Of Bioecology

For The Control Of Flies In Zootechnical Farms

To make you understand the problems that flies can bring….

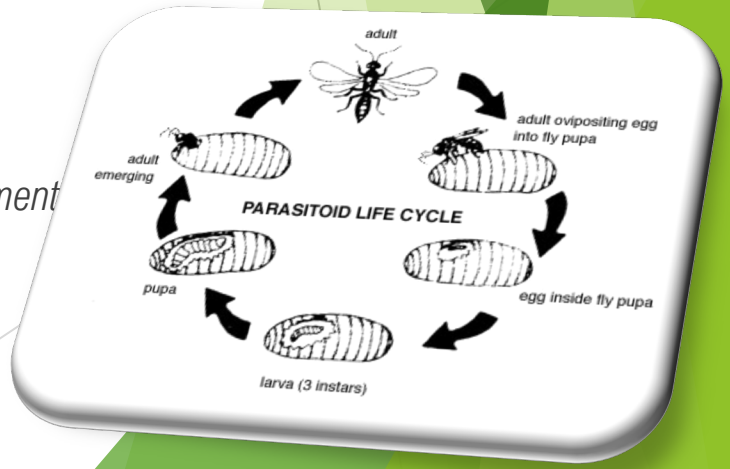
Flies are insects that are widespread in most habitats, especially where there is greater availability of organic substrates. In different environments flies, when they exceed certain population levels, can cause various inconveniences and problems that can be summarized as follows:

- *nuisance to animals and operators with negative repercussions on production and work yields*
- *economic losses in farms*
- *discomfort for urban areas located in the vicinity of structures favorable to the development of the insect*
- *possible transmission of diseases and related complaints and inspections by the local health authorities.*

Bioecology has developed one best solution only with respect for agriculture, animal husbandry and the environment

The basis of the program is the use of useful insects (also called parasitoids).

*But **how** beneficial insects work?*



…The solution of Bioecology…

Our biological control is effective on all types of flies.

That is small natural antagonists of flies, completely harmless to humans, animals and plants, are able to interrupt the biological cycle of the fly, drastically reducing harmful infestations.

The biological control acts on the pupal stage of the fly, the control takes place mainly through the periodic launch of 28 days of Useful Insects whose reproduction cycle takes place only inside the pupa of the fly that, parasitized, does not complete its life cycle and dies.

From the pupa emerges the adult of a new beneficial insect that begins the cycle again.

The useful insects are delivered to you inside special sealed but breathable envelopes, Parasitoids are absolutely harmless to humans, animals and plants.

They live about one month and reproduce inside the bedding and manure bins and they do not transmit diseases.

FOOD INDUSTRIES (*Ham and cheese Fly)*

Piophila Casei is a small fly, about 4 mm long, found all over the world.
The fly's larva infests cured meats, smoked fish, cheeses, and decaying animals ,the larva is about 8 mm long and has a remarkable ability to jump - if disturbed, this tiny worm can jump up to six inches in the air.

The aforementioned larvae if eaten (accidentally or not) can pass through the digestive system and can cause serious injury in an attempt to perforate the intestinal walls....
Symptoms include nausea, vomiting, abdominal pain, and bloody diarrhea.

Through our solution it will be possible to have less wastes and more gains, without damages on humans from contamination; guaranteeing a greater satisfaction of the final customer.

Bioecology uses parasitoids to naturally combat natural way against Piophila casei infestations, proposing effective and lasting solutions.

Through the use of beneficial insects, which are distributed directly inside the maturing rooms, we act on the pupae interrupting their biological cycle.

From these parasitized pupae new useful insects will be born insects that will allow to repeat the same cycle.

This solution does not affect the finished product and promotes respect for the environment.

SEXUAL CONFUSION

Another innovative method of control used by Bioecology is that of sexual confusion or confusion technique, active against lepidopteran food insects, used within food companies, warehouses, supermarkets, mills and pantries.

This technique is based on the use of special dispensers that release sexual pheromone at a high dosage, emitted by the female and specific for each target insect, to such an extent as to disorientate the male to locate it, thus avoiding mating.

Target species: Food moths that use TDDA as a sex appeal pheromone.

BENEFITS

FEWER HAZARDOUS BIOCIDES IN WORK PROCESSES
NO RISK OF CONTAMINATION OF FINISHED PRODUCTS;
POSSIBLE INTERVENTION DURING PRODUCTION PROCESSES.
RESPECT FOR THE ENVIRONMENT

Training & Consulting

Bioecology training courses

- Bioecology provides Pest Control and Hygiene Solution training courses :

Pest management: targeted programs at companies in the agri-food and livestock sectors located throughout Italy, with targeted training plans on pest management in the various stages of development, carried out with control systems on the market.

Disinfection and sanitization: programs in the field of disinfection and sanitization to train on the use of appropriate products and machinery, in order to make independent and effective all activities of sanitation of environments and tools for the control of viruses and bacteria.

- Specialized consulting

With Bioecology you can count on specific consultations, carried out by specialized professionals.

Inspection visit: useful for detecting any non-conformities and for monitoring sensitive environments and areas such as electrical panels, heating plants, data processing areas and false ceilings.

Inspection visit with entomologist: ideal for expert evaluations in Pest Control and Pest Management, as required by BRC certification standards.

Poultry Inspection: Evaluation by an experienced Poultry Management Technician as required by BRC certification standards.

Certification:

All services are carried out following the guidelines of the hygiene regulations and standards in force, namely:

- EC Reg. 178/2002 (Food hygiene)
- EC Reg. 852/2004 (Food hygiene)
- EC Reg. 853/2004 (Hygiene for food of animal origin)
- EC Reg. 183/2005 (Feed hygiene)
- Norm UNI 16636:2015 (Pest management services)
- Norm ISO 9001:2015 (Insect and rodent monitoring, pest control with integrated biological and chemical treatment for flies and insects, rodent control)
- Norm UNI 11381:2010 (Insect monitoring in food industries)
- BRC & IFS Standards

BioECOLOGY Group ®

CERTIFICATO

kiwa

Reg. Numero 10955 - A
Primo rilascio 2014-11-12
Scadenza 2023-11-11
Precedente scadenza 2020-11-11
Valido da 2020-12-02
Ultima modifica 2020-12-02
Settore IAF 35 , 29

Certificato del Sistema di Gestione per la Qualità
ISO 9001:2015

Si dichiara che il sistema di gestione per la Qualità dell'Organizzazione:

BIOECOLOGY S.r.l.

è conforme alla norma UNI EN ISO 9001:2015 per i seguenti prodotti/servizi:

Erogazione di servizi di monitoraggio insetti e roditori, disinfestazione con trattamento biologico integrato e chimico per mosche e insetti in genere, derattizzazione.

Chief Operating Officer
Giampiero Belcredi

Il mantenimento della certificazione è soggetto a sorveglianza annuale e subordinato al rispetto dei requisiti contrattuali di Kiwa Cermet Italia.

Il presente certificato è costituito da 1 pagina.

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl
Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)
Tel +39.051.459.3.111
Fax +39.051.763.382
E-mail: info@kiwacermet.it
www.kiwa.it

CERMET

BIOECOLOGY S.r.l.
Sede Legale
- Via dell'industria, 31/B 42025 Corte Tegge di Cavriago (RE) Italia
Sedi Oggetto di Certificazione
- Via dell'industria, 31/B 42025 Corte Tegge di Cavriago (RE) Italia

IAF

ACCREDIA L'ENTE ITALIANO DI ACCREDITAMENTO

SGQ N° 007A

CERTIFICATO

kiwa

Reg. Numero ALI 01667 PM
Data di rilascio 2018-12-05
Data di prossimo rinnovo 2024-12-04
Data di ultima modifica 2022-01-12

Pagina 1 di 1

Certificato di conformità
UNI EN 16636: 2015 Pest Management

Si dichiara che l'Organizzazione:

BIOECOLOGY S.r.l.

è conforme alla norma:

UNI EN 16636:2015 "Servizi di gestione e controllo delle infestazioni (pest management) Requisiti e competenze" secondo i requisiti del protocollo CEPA CERTIFIED n.016ITA00114

per i seguenti prodotti-servizi:

Erogazione del servizio di gestione e controllo infestazioni (pest management)

Chief Operating Officer
Giampiero Belcredi

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Il presente certificato è costituito da 1 pagina.
Il presente certificato rimane di proprietà di Kiwa Cermet Italia. La sua validità può essere verificata consultando www.cepa-europe.org o contattando Kiwa Cermet Italia.

Kiwa Cermet Italia S.p.A.
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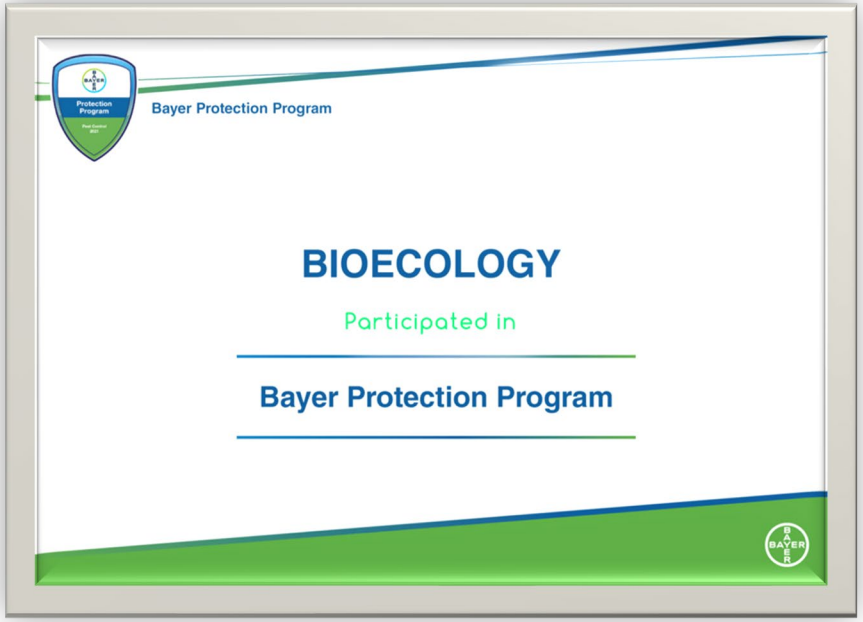
CERMET

BIOECOLOGY S.r.l.
Sede Legale
Via dell'industria, 31/B - 42025 Corte Tegge di Cavriago (RE) - Italia
Sede Operativa
Via dell'industria, 31/B - 42025 Corte Tegge di Cavriago (RE) - Italia

cepa CERTIFIED
Certified Professional Pest Management

BioECOLOGY Group ®



A.N.I.D.
Associazione Nazionale delle Imprese di Disinfestazione

cepa CERTIFIED

BRC GLOBAL STANDARDS
IFS Food
CERTIFIED HACCP FOOD SAFETY Hazard Analysis Critical Control Point
BIO

Customers


GrissinBon


vimec


SOLIMÈ


ANTICA FATTORIA • CASEIFICIO
SCALABRINI


SALUMIFICIO
SAN PAOLO


SAFIM
Brakes On


Original
PARMA IS
FRESCHE IDEE


il Pagnotto


montali
DAL 1910


GRANDI PASTAI
italiani


GLS


EDEN
SPORT E SALUTE
Da 20 anni, molto più di una palestra


agape


ACME

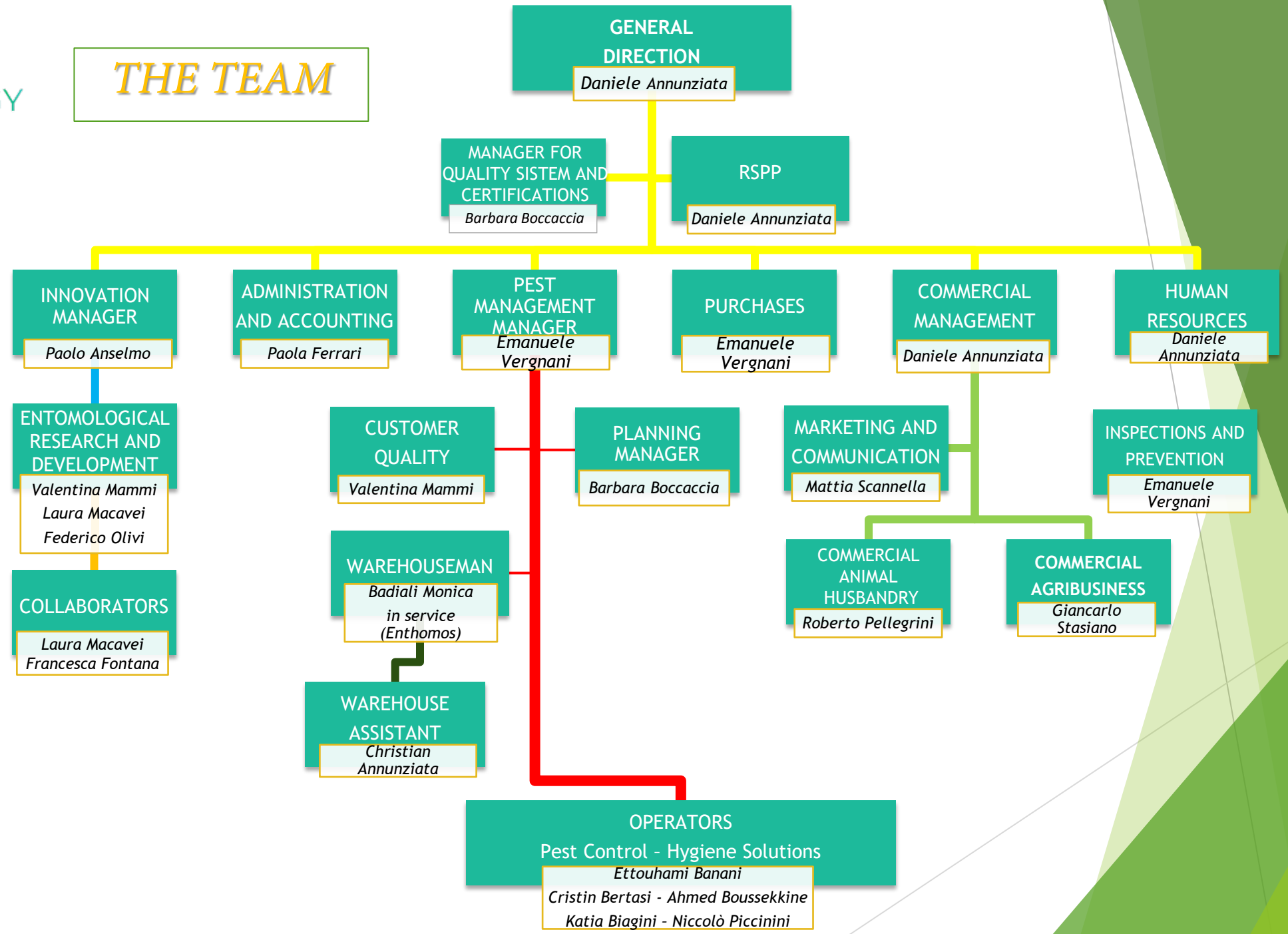

LANDIRENZO
GROUP


CANTINE
RIUNITE & CIV

Partners

Reggiana Football Team Official sponsor

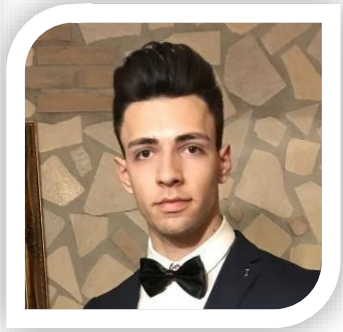
THE TEAM


GENERAL DIRECTION
Daniele Annunziata
MANAGER FOR QUALITY SISTEM AND CERTIFICATIONS
Barbara Boccaccia
RSPP
Daniele Annunziata
INNOVATION MANAGER
Paolo Anselmo
ADMINISTRATION AND ACCOUNTING
Paola Ferrari
PEST MANAGEMENT MANAGER
Emanuele Vergnani
PURCHASES
Emanuele Vergnani
COMMERCIAL MANAGEMENT
Daniele Annunziata
HUMAN RESOURCES
Daniele Annunziata
ENTOMOLOGICAL RESEARCH AND DEVELOPMENT
Valentina Mammi
Laura Macavei
Federico Olivi
COLLABORATORS
Laura Macavei
Francesca Fontana
CUSTOMER QUALITY
Valentina Mammi
PLANNING MANAGER
Barbara Boccaccia
WAREHOUSEMAN
Badiali Monica
in service (Enthomos)
WAREHOUSE ASSISTANT
Christian Annunziata
MARKETING AND COMMUNICATION
Mattia Scannella
INSPECTIONS AND PREVENTION
Emanuele Vergnani
COMMERCIAL ANIMAL HUSBANDRY
Roberto Pellegrini
COMMERCIAL AGRIBUSINESS
Giancarlo Stasiano
OPERATORS
Pest Control - Hygiene Solutions
Ettouhami Banani
Cristin Bertasi - Ahmed Boussekkine
Katia Biagini - Niccolò Piccinini

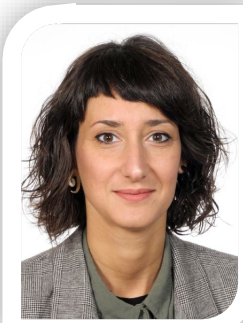
WE PUT OUR FACE









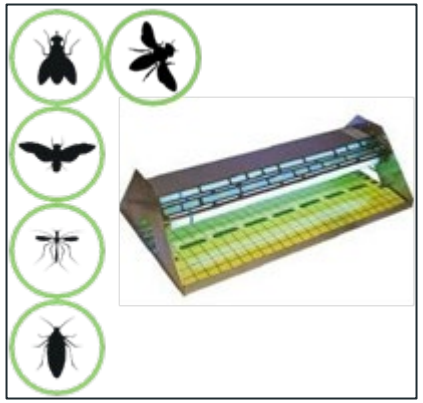
PRODUCT AND TOOLS

FLYBUSTER FLY CONTROL SYSTEM

ADHESIVE FLY ROLLER TRAP

RUSSEL XLURE

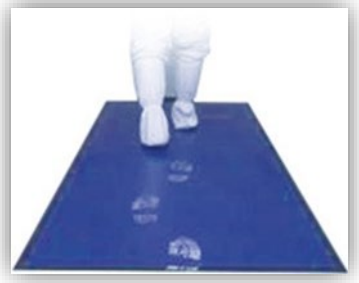
ECOFLY UV LIGHT LAMP



VESPAREX TRAP

BioECOLOGY Group ®

DECONTAMINATING SANITIZING STRAP-TAP CARPET



UV LIGHT LAMP

PIPER NEXA MULTIPLE CATCH TRAP
WITH NOTIFICATION SYSTEM

PARASITOID

With the remote management unit, employees will be able to know the status of the capture device in real time.

Sim-free communication, notification via email or app, time-saving.
Available in rat or small rodent version.

AD4 SANIROBOT

Automatic disinfection/sanitization system based on mobile robotic platform.

APPLICATION FIELDS:

FEATURES:

- Autonomous navigation
- Smart misting system
- Remote monitoring

Sanirobot is able to move autonomously using sophisticated algorithms of localization and simultaneous mapping (SLAM).
Sanitization occurs through the nebulization of triamine-based disinfectant.

BioECOLOGY Hygiene Solutions

BioECOLOGY Innovate

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