



6th INTERNATIONAL BIOCIDAL CONGRESS

17-20 November 2022

Asteria Kremlin Palace Hotel - Antalya

6th International Biocidal Congress

URBAN PEST CONTROL AND IPM INTEGRATED PEST MANAGEMENT

BERTRAND MONTMOREAU

Overview of the main European Regulations

- ▶ **EU Regulation BPR 528/2012** the aim is to find the right balance between efficiency (toxicity) and risk (toxicity)
- ▶ **Market authorisation is delivered for 10 years only if we match .**
- ▶ **CLP regulation**



EN 16 636
Standard

CEPA
protocol

Scope of the EN 16 636

- This Standard specifies :
- The requirements and competences to be met by professional providers of pest management services in order to protect public health, assets, food and environment.



EU Commission published its Report on the Sustainable use of Biocides

- The development of standards, combined with a certification process, can also be used to ensure proper and sustainable use of biocidal products.
- The recently adopted European Standard (EN 16636) provides a good example of what can be achieved.





EU Commission published its Report on the Sustainable use of Biocides

- Compliance with EN 16636 will enable pest management providers to demonstrate that they have the necessary competence and know-how to deliver pest management services, that they have a management system to ensure a consistent level of quality and that they systematically minimise risks for clients and the public, as well as the risk of potential negative impacts on the environment and animal welfare.
- Such initiatives directly contribute to the sustainable use of biocidal products.



IPM Integrated Pest Management

- ▶ Risk assessment
- ▶ Pest identification
- ▶ Monitoring and assessing pest numbers and damage
- ▶ Guidelines for when management action is needed
- ▶ Preventing pest problems and recommendations
- ▶ Using a combination of biological, cultural, physical/mechanical and chemical management tools
- ▶ After action is taken, assessing the effect of pest management and issue recommendations
- ▶ Report and record.

The main issues In urban pest:

- ▶ **3 urban pests to control:**

 - ▶ Rats

 - Bed bugs

 - Mosquitoes

- ▶ **3 technics to develop**

 - Monitoring Trapping Biocontrol products

- ▶ **3 human resources to adress**

 - Attract operators

 - Protection of operators and public

 - Education and training

The main issues In urban pest:

- ▶ **3 urban pests to control:**
- ▶ **Rats Keep them underground**
 - ▶ **Do not feed them**
- **Bed bugs**
 - **Do not bring them back home**
 - **Do not move anything from the room and call a specialist**
- **Mosquitoes Aedes do not provide the nest in your garden**
 - **Use repellent last generation. (Icaridine)**



General Approach on urban pest control and IPM

Integrated Pest Management

▶ 3 technics to develop

➤ Monitoring

➤ Glue trap

➤ IoT



➤ Trapping

➤ Biocontrol products (micro or macro organism)

General Approach on urban pest control and IPM

Integrated Pest Management

▶ **3 human resources**

➤ **Attract operators**

➤ **Protection of operators and public**

➤ **Loi Labbé**

➤ **Education and training**

Loi Labbé 01/07/2022



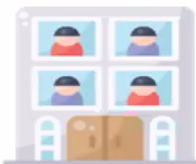
Propriété privée
à usage d'habitation



MAM et domiciles
d'assistants
maternels



Lieux de travail*



Etablissements
sociaux et
médico-sociaux*



Jardins familiaux



Hôtels, auberges
collectives, terrains
de campings, parcs
résidentiels de loisirs



Équipement
sportifs*



Aérodromes



Etablissements
d'enseignement



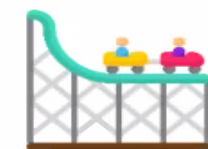
Cimetières et
columbariums



Zones destinées au
commerce et aux
activités de service



Etablissements,
maisons et centres
de santé



Parcs d'attractions
et autres espaces de
divertissement et
de loisir*

General Approach on urban pest control and IPM

Integrated Pest Management

- ▶ **3 human resources**

- **Attract operators**

- **Protection of operators and public**

- **Education and training**

- **Thank you**

- **b.montmoreau@air9.info**