



# Pest Control 4.0

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# 1. Environment

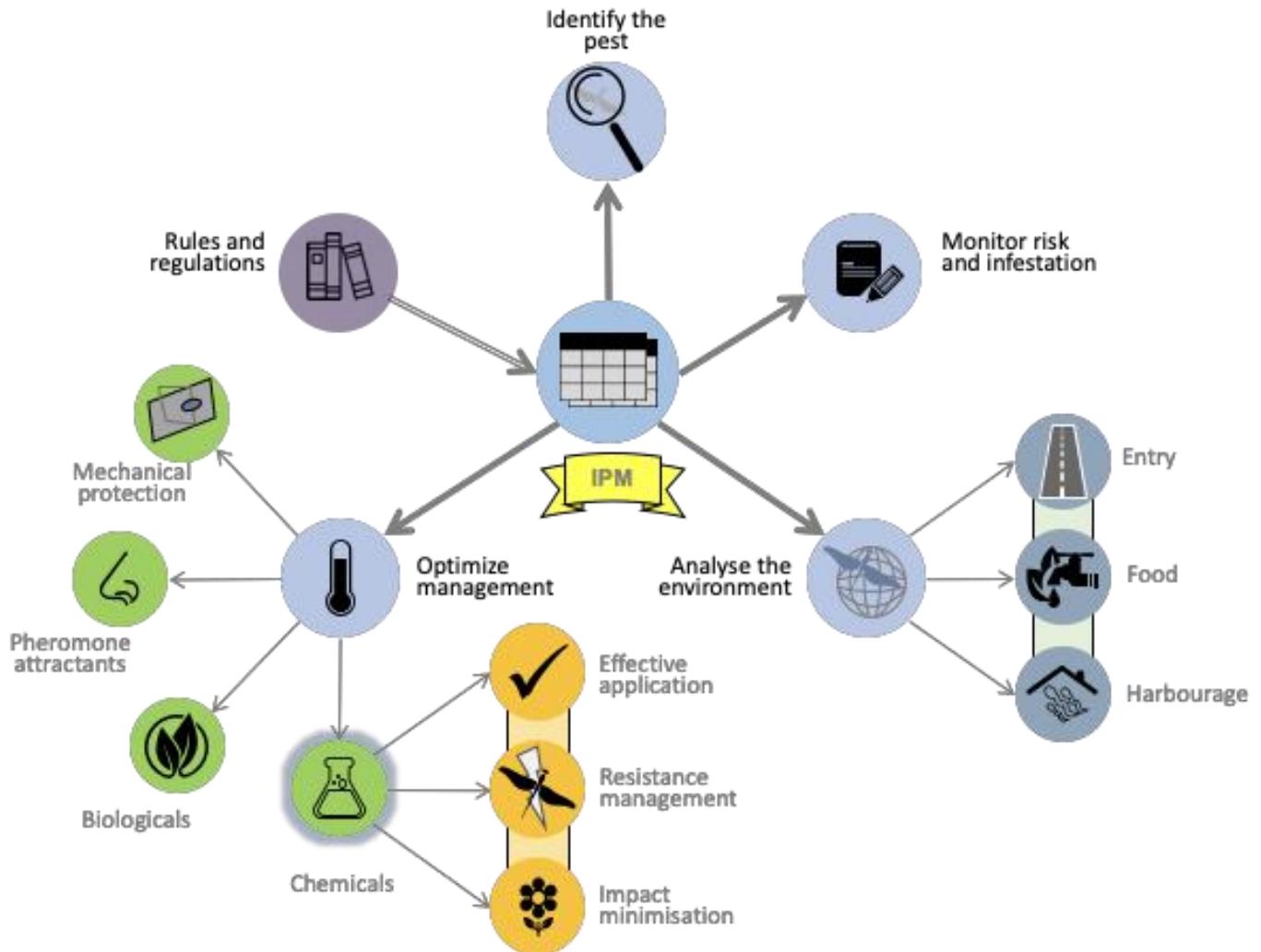
## **Key factors:**

- Different European environments/climates/cultures/building constructions
- Transporting of pests and globalisation
  - E.g. Bed bugs
- Invasive species
  - E.g. Brown marmorated stink bug / Asian hornet
- Insects and rodents in urban/industrial/residential areas
- Climate change
  - Impacts insect dynamics, e.g. Tiger Mosquito / ants
- Public health and safety, food safety, structural damage

## 2. The IPM toolbox

- Available tools may vary depending on the Member States (national authorisation)
- Tools are adapted according to the pest concerned in each case
- Classification of the adapted tools/goal takes consideration of the following:
  - i. Proofing (exclusion)
  - ii. Monitoring
  - iii. Trapping
  - iv. Elimination
  - v. Protection (physical/chemical barrier)

### 3. What is IPM?



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- An integrated approach for sustainable pest management
- The approach is based on an in-depth knowledge of the biology and techniques relevant to the pest

Methods are chosen by a qualified expert to effectively manage the presence of pests, taking consideration of:

1. Reducing opportunities for the pest to survive e.g. removing breeding sites and food sources,
2. Adapting infrastructure e.g. dealing with water leaks and holes in walls,
3. Improving habits e.g. keeping doors closed at night,
4. Applying the right product to the right place to eliminate rest populations.

*This is done in close collaboration with the client, in the most sustainable, humane and environmentally friendly way, as well as in an economically responsible manner.*



## 3. What is IPM?

CEPA has developed the EN16636 – Pest Management Services – Certification Standard, which is promoted to become the standard in the industry. We believe that modern trained technicians must follow this pest management protocol to be able to guarantee adequate professional standards to their clients in a three-step process:

- I. Diagnosis of the problem and listing of the best adapted IPM tools;
- II. Careful application of the protocol agreed with the client; and
- III. Follow-up and validation.

## 4. The vision for the future

- Recognition of trained professional pest managers and a level playing field
- Recognition of critical nature of the sector
- Diverse and comprehensive toolbox going forward including biocides
- Data collection, analysis and prediction, including professionals in the process
- Further strengthening and developing collaboration with stakeholders including customers, service providers, suppliers, the scientific community, academia and politicians



Thank you!