

|CEPA|



DOGS

FOLLOWING THE SCENT

My name is Nanuk and I work for APC AG. I'm a sniffer dog specialising in sniffing out bedbugs.

I regularly go hunting for these bugs with my human. My handler shows me where she suspects they maybe hiding, and I start searching.

At first, I used to seek out lots of scents from the variety around us, but it was only the bedbug scent that my handler wants. She discusses it in great detail with her other humans. They don't get all excited over a find like I do. Instead, their facial expressions indicate that particular care and attention is required when we have success. When we don't find anything, that's "no evidence of infestation".

The meetings are long, but my job is done very quickly. For me scents are all around and, along with my visual sense, play a vital role in me finding my way around. It is surprising that humans rely so much upon their eyes. Almost all things have a scent!



"As humans seem to know where to find bedbugs but can't use their tiny noses, we form the perfect hunting duo."

My human partner explains the behavioral strategies of my prey: bedbugs spend their entire lives in human sleeping environments, almost always hiding.

At night / in the dark they come out only very briefly, find their host, suck its blood and disappear quickly. They reproduce there too. They can remain in hiding for very long periods (several months!) without a meal, so they are very difficult for you humans to find. And when you find them there are too many!

During my search, I sometimes come across sticky tape that is supposed to catch bedbugs, but this method because it simply doesn't work reliably. For me the bedbugs don't have to move – I find them right where they're hiding.



"My handler explains that we get rid of bedbugs using heat. This is called "thermal control".

My humans are very careful, however, in ensuring that the bugs don't flee to neighbouring rooms, using compounds that they put into "escape tunnels". These are not to be sprayed over a large area as this will confuse me during the post-inspection 14 days later.

#TheGoodPestManager@Work

This series of fact sheets showcases sustainable pest management products and practices. They provide snapshots of the good pest manager at work.

From vector mapping via innovative software to digital rodent traps and heat treatments, pest management is a unique and multi-faceted service sector that helps secure hygiene and by so-doing contributes significantly to public health. It is increasingly important today in dealing with the effects of climate change which are resulting in a growing incidence of plagues of insects and rodents.

These case studies capture the essence of the thought leadership and business acumen of this service sector, not only through the digitalisation of services but equally through a concern to respect and take care of the environments where infestations occur. In all instances presented, innovation is at the core of these sustainable business practices.

CEPA is proud to champion innovative and sustainable pest management practices that can be used on the ground. It is what we call #TheGoodPestManager. Professional pest management is a service sector that does not receive broad recognition or visibility. We hope these illustrative examples will shed light on the way we operate to prevent and deal with pest infestation and the value we bring to society on a daily basis.



ABOUT CEPA

Founded in 1974, CEPA, the European pest management services trade association brings together more than 70 national associations and companies along the whole pest management chain in 23 European countries.

CEPA represents primarily the European pest management service sector, which at its core is a network of European SMEs with substantial economic growth potential. Our mission as a service sector is to contribute to the protection and assurance of the wellbeing of EU citizens especially in the context of smart, sustainable, healthy cities.

We work with a broad range of actors at local level from manufacturers to the catering sector, from hospitals to schools and other educational establishments, from retailers to public authorities, from a wide range of businesses to political institutions at all levels.

Against a backdrop of climate change increasing the presence of pests in urban environments, the sound management of overpopulated cities has never been more critical. Our sector of the service industry is leading the charge in assuring tangible, sustainable solutions for the well-being of Europe's citizens.

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