

Installing Bat boxes at the Coast of Molise Region

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Conservation and dissemination actions implemented to restore the coastal habitats, to protect target species, to involve citizens, tourists and active stakeholders in their preservation. For bats 400 bat boxes installed in the whole coast in different habitats

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Bat boxes colonisation

urban area

71% of
colonisation

*Pipistrellus
kuhlii*

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Bat boxes colonisation Wood area



Land-Sea Interreg Europe



Pipistrellus sp. and Nyctalus sp.



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We observed that in the early stages bats tend to colonise anthropic environments (first colonisation after one month from the placement) and natural habitats later (first colonisation after three years).

We also observed that colonized bat boxes, remained occupied over time and that the pioneering colonising genus are *Pipistrellus* and *Nyctalus*.

The winter colonisations in 2015 and 2016 cannot be defined *hibernacula* because of the high temperatures that characterised the months of December in the two years.

These results are useful to manage further use of bat boxes in other conservation projects – useful insights are in the importance of installing bat boxes in different habitats to cover the different exigences of the different species present in a project area.