

OUR TOWN IS ALIVE WITH NEST BOXES

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- 🪶 birds, nest boxes, barn owl, common house martin, environment, hacking

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Our project pretends to know more deeply the birds' environment of our town and region urban area. Students designed and built models of bird feeders and different nest boxes adapted to different bird species and hanged 37 nest boxes in different public zones of our town. The nest boxes were hanged and were sponsored by every

classroom (kindergarten, primary and secondary levels studies). The birds' entrance inside the nest boxes can be controlled electronically. A census of common house martin nests was done by the primary students. A reintroduction program of the owl was developed using a technique called *hacking*.



Methodology:

- Identifying the problem. How urban nature can be integrated and loved by all citizens.
- Proposing a solution. Installing nest boxes in different public zones of our town.
- Researching what has been done concerning nest boxes.
- Designing and building models of bird feeders and different nest boxes adapted to different bird species.
- Authorisation of the City Hall to hang boxes in different public zones of our town.
- Teaching the most important bird species in our town and the importance of nest boxes by students.
- Hanging and sponsoring the nest boxes by every classroom.
- Proposing a student's worksheet about nest boxes.
- Using mobile phones to get measurements and data using different mobile apps.
- Developing how birds' entrance inside the nest boxes can be controlled electronically.
- Monitoring the nest boxes in order to know which species settle in the nests and elaborating a census of common house martin (*Delichon urbicum*) nests done by the primary students in a wide area of the town.
- Developing a reintroduction program of the barn owl in a zone located near the town using a technique called *hacking*.