

## BARN OWL PROJECT



ISRAEL STUDENTS AGED BETWEEN 14-15 YEARS OLD ENVIRONMENT AND SUSTAINABILITY

### THE SCHOOL

- Kfar Galim
- Educational youth village, with students from 7<sup>th</sup> to 12<sup>th</sup> grade, serving students from Hof Carmel and a boarding school
- Large open landscapes and a cow shed, a dog shelter, a greenhouse, a dairy, and a petting zoo
- The initial contact with the school was done by addressing the principal (immediately when we started looking for schools at the early stages of the SALL project).

Beginner

Experienced

### AHA MOMENTS

**School leaders:** "The project gave them, and our staff, excellent opportunities to know and influence their community and to present their findings to grown-ups."

**Shared by the teacher:** "Working on a 'real life' project with students is both fascinating and challenging. We have already made important connections and used them to improve and enrich other educational projects in our school. We believe the students were engaged in this project much more than other 'regular' classes."

**By stakeholder:** "The results are innovative and pretty, and we would like to consider expanding our partnership for the upcoming years – about this project or others."

**By students:** "It was more interesting to learn in this way (field trips, freedom to learn at our own pace and methods). Meeting people from our community and learning about a local topic we had never heard about was interesting."

## THE LIVING LAB PROJECT



### THE PROBLEM(S)

Rodents in agricultural areas and the use of pesticides in the local agricultural fields.



### THE COMMUNITY

- Stakeholders from a nearby village called Kerem Maharat:
  - Hof Carmel Agricultural Committee
  - Dr. Itay Bloch - Barn Owl in Agriculture National Project (Academic Advisor)
  - Kerem Maharat Local Committee
  - Kerem Maharat Agricultural Group
- Students talked/worked with local farmers



### THE SOLUTION

- Promoting "greener" agriculture in the area
- Raising awareness of local farmers to biological pest control
- Strengthening connections between the school and the local community



### THE PROTOTYPE

- The students worked in groups to design and build 6 models of barn owl boxes, each with different specifications.



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