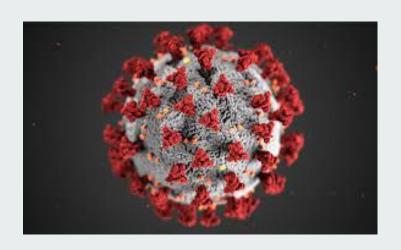
Measures chosen to deal with the epidemic

Team D Nathan Alimi Timothé Ioos Grégoire Collier Thierry Zhang

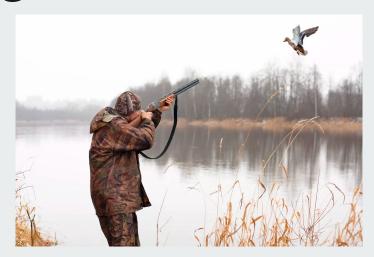


Budget:

500 k€



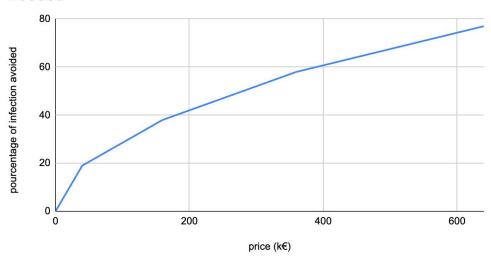
Kill a certain proportion of migratory geese



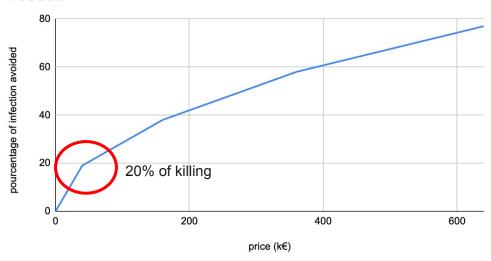
- Really effective solution
- Stems the epidemic at its roots, before it spreads → For the humans
 AND the local avian population

- Cost
- Locate population / capture
- Killing infected geese : Impact on the local ecosystem
- Not very ethical

Kill the infected birds at time the first day



Kill the infected birds at time the first day



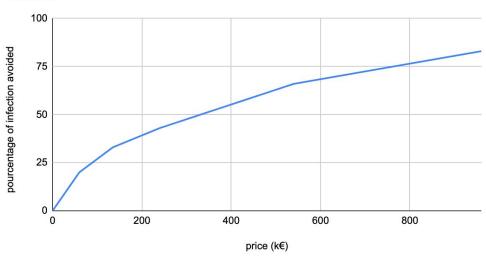
Quarantine a certain proportion of the infected migratory geese



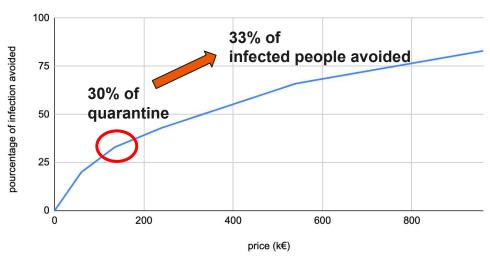
- Effective solution
- Stems the epidemic at its roots, before it spreads → For the humans AND the local avian population
- Don't kill the infected goose population

- Cost
- Locate population / capture

Put infected birds in quarantine



Put infected birds in quarantine

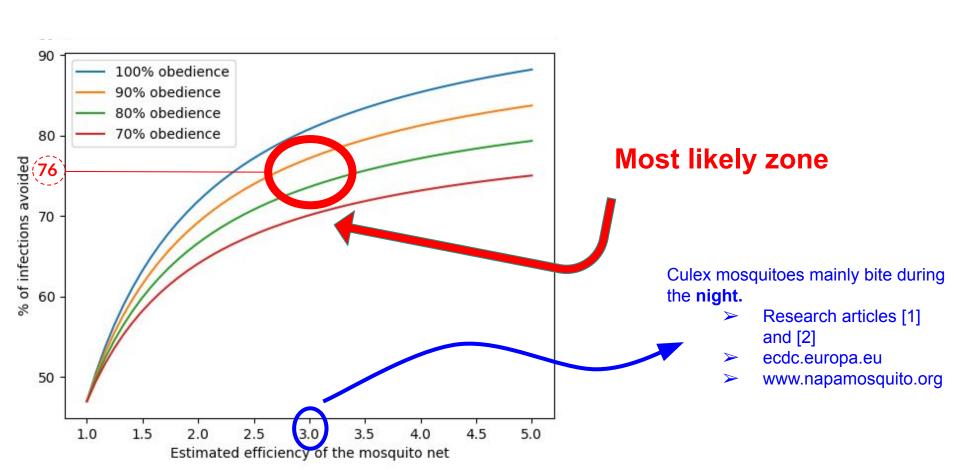


Buy a mosquito net for each student.



mosquitoes mainly bite during the night/sunset

- Cost
- Resilience



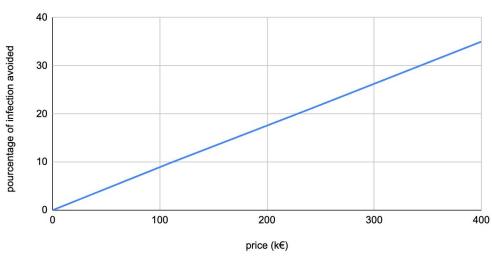
Relocate r% of the students



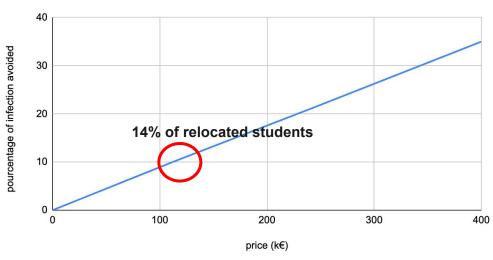
- Students moved away from the epicenter of the epidemic
- Students stressed by the situation

- It is expensive and time consuming to relocate someone
- Loss of stability/social circle

Relocate r% of the students



Relocate r% of the students



Summary

- Quarantine 30% of infected geese
- Kill 20% of infected geese
- Provide all students with a mosquito net
- Relocate 14% of students

