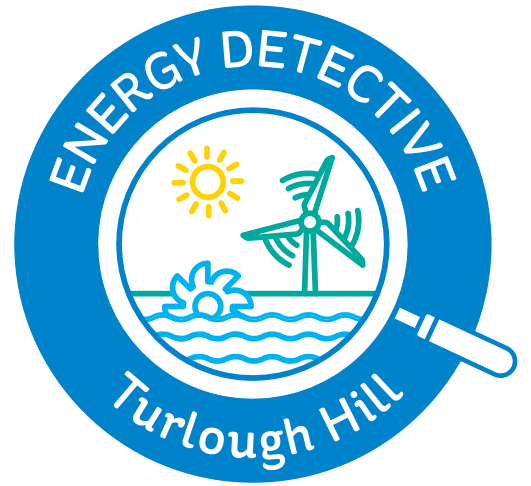




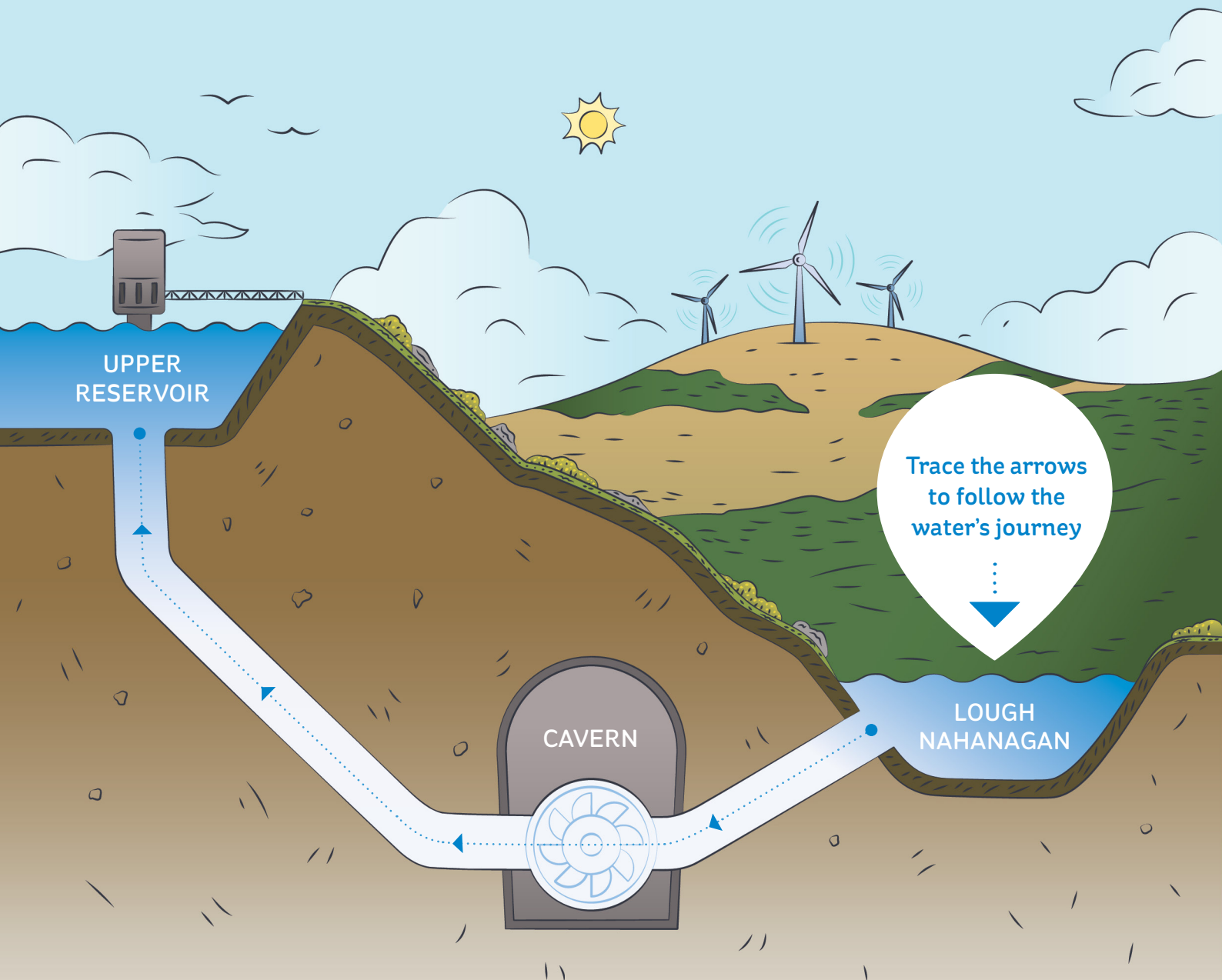
Energy for generations



Ireland's only pumped storage hydro station is turning 50!



How many candles can you count?



STORING ENERGY

Turlough Hill stores energy by using wind or solar power to pump water from Lough Nahanagan to the upper reservoir. This water can be used to generate energy when needed.

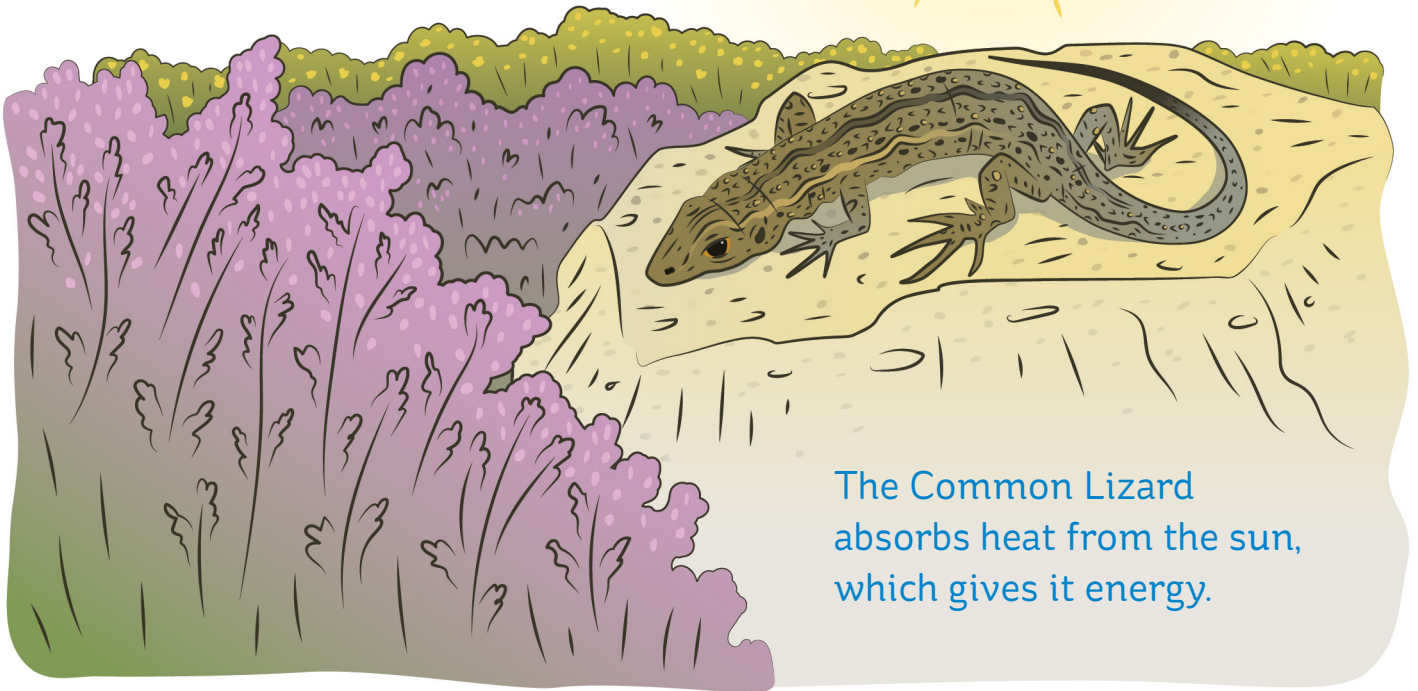
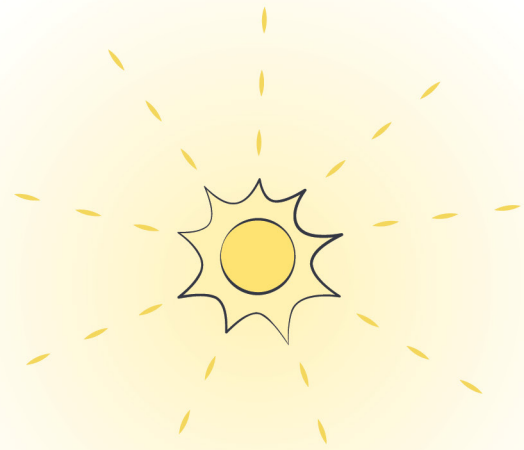


#ESBNetZeroFuture

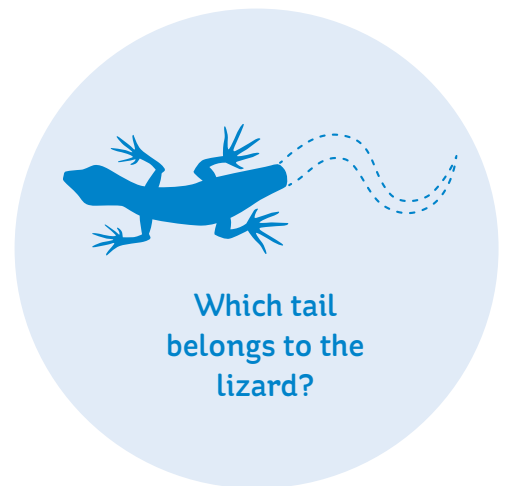
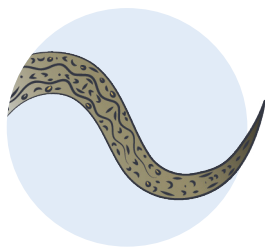
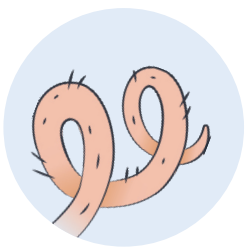
COMMON LIZARD or VIVIPAROUS LIZARD

Zootoca vivipara

Ireland's only native reptile!



The Common Lizard absorbs heat from the sun, which gives it energy.



Its body ends in a long tail which it can detach to distract predators while it makes its escape. Over time, the tail regrows.

Which tail belongs to the lizard?



#ESBNetZeroFuture



50
Years
Turlough Hill

PEREGRINE FALCON *Falco peregrinus*

Peregrine falcons nest in the rocky cliffs above Lough Nahanagan. Thermals, or columns of warm air rising from the ground, allow the Peregrines to fly high above the cliffs without using too much energy.



CONGRATULATIONS ON BECOMING
AN ENERGY DETECTIVE!

Name:

Age:

