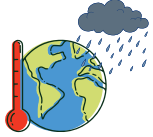


# PROTECTING SCOTTISH LOCHS FROM TOXIC ALGAL BLOOMS

## What are algal blooms caused by?

climate change + nutrients, especially + strong sunlight



**phosphorus**



Fertiliser is a main source of **phosphorus**



When it rains, excess phosphorus runs off farmlands into lochs

Algal blooms cost Scotland millions of ££s every year

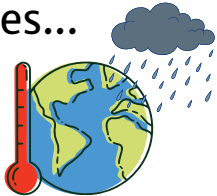


Algal blooms can be **toxic** to people and animals



## How can we reduce the risk?

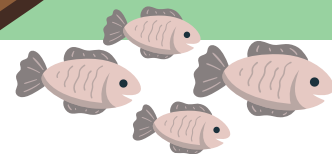
As the climate changes...



Reducing fertilisers could cut phosphorus runoff by 20%

by 2080...

Healthy lochs



by 2080...  
Poor water quality and biodiversity loss

Business as usual could **double** phosphorus runoff

