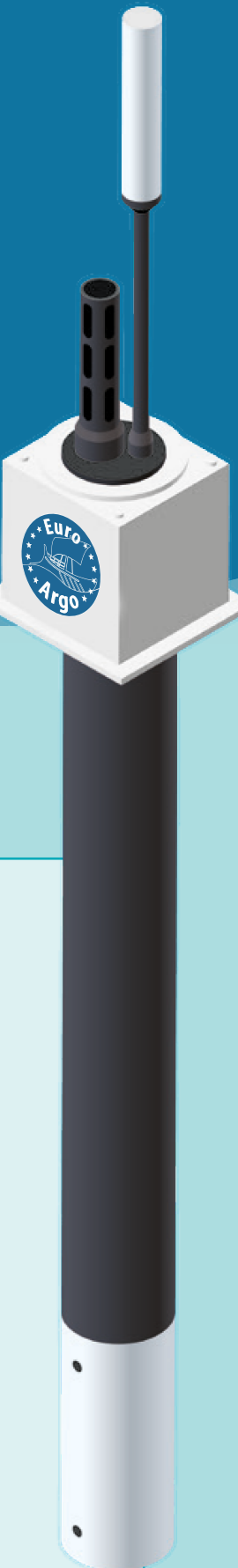


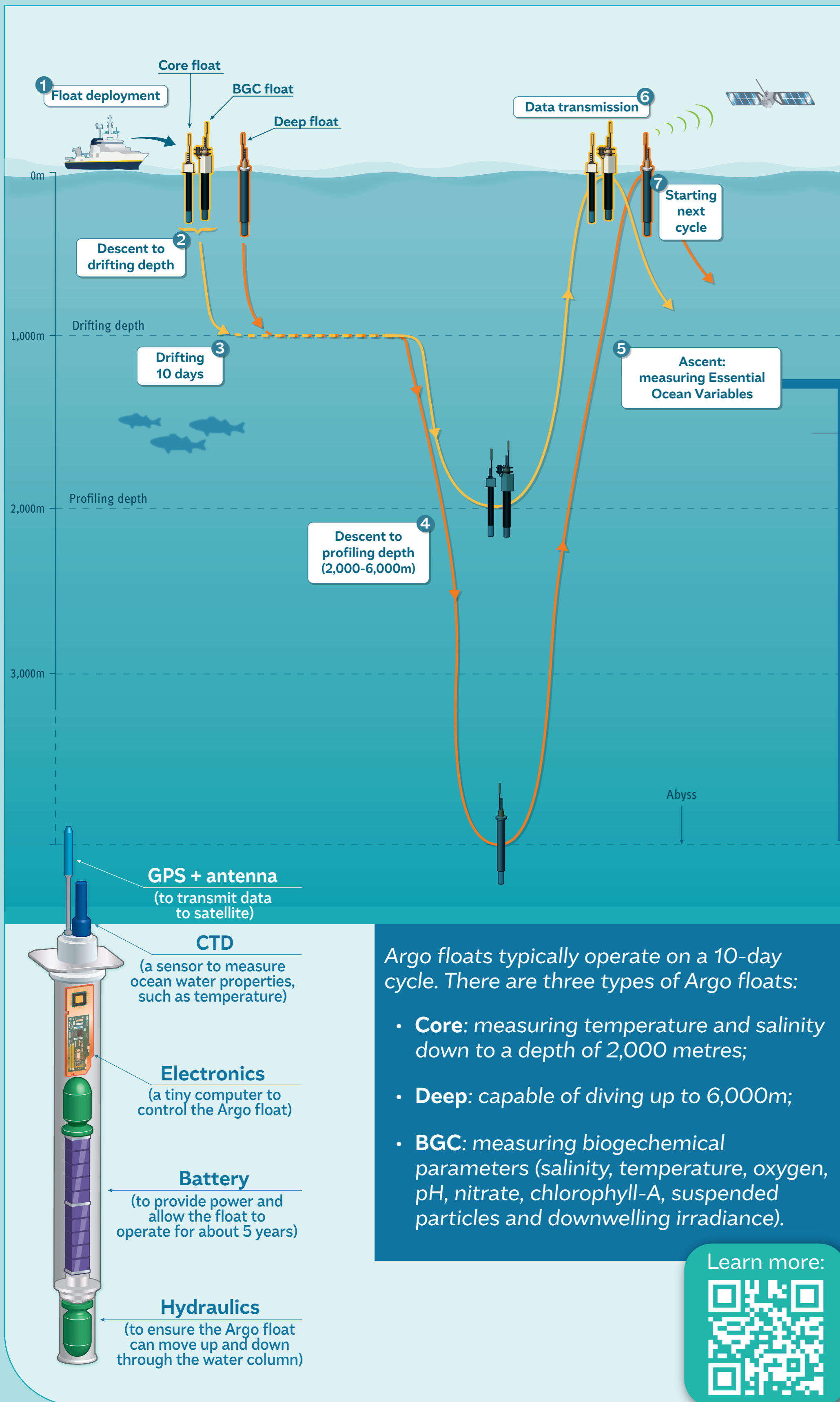


# Argo floats

## The worldwide network taking the pulse of the ocean



### Argo floats cycle

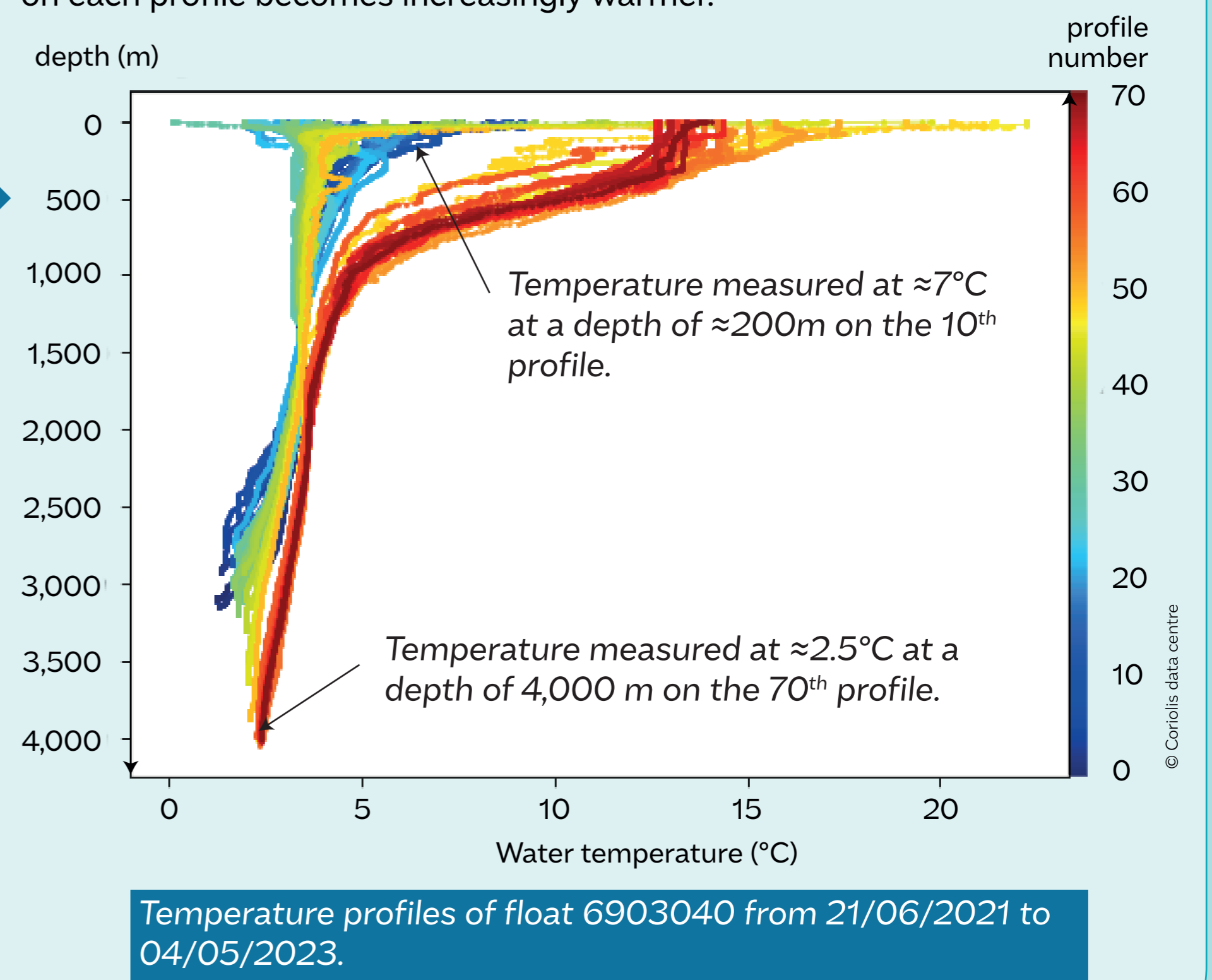


### Argo floats mission

Each time it rises, the float takes measurements of certain parameters, such as **temperature and salinity**, from the depths to the surface. These measurements form a **profile**.



The graph below shows **temperature profiles**. Each line represents one **profile**. The first profiles are shown in blue and the last ones in red. The float drifts southwards with the currents. Therefore, the temperature measured on each profile becomes increasingly warmer.



### Argo key figures

## 1999

The **international Argo network** is created. It deploys autonomous floats around the world to measure **ocean parameters** in **deep waters** in **real time**.



**3 million** profiles have been produced since 1998.



**$\approx 4,000$**  floats are currently drifting with the currents.



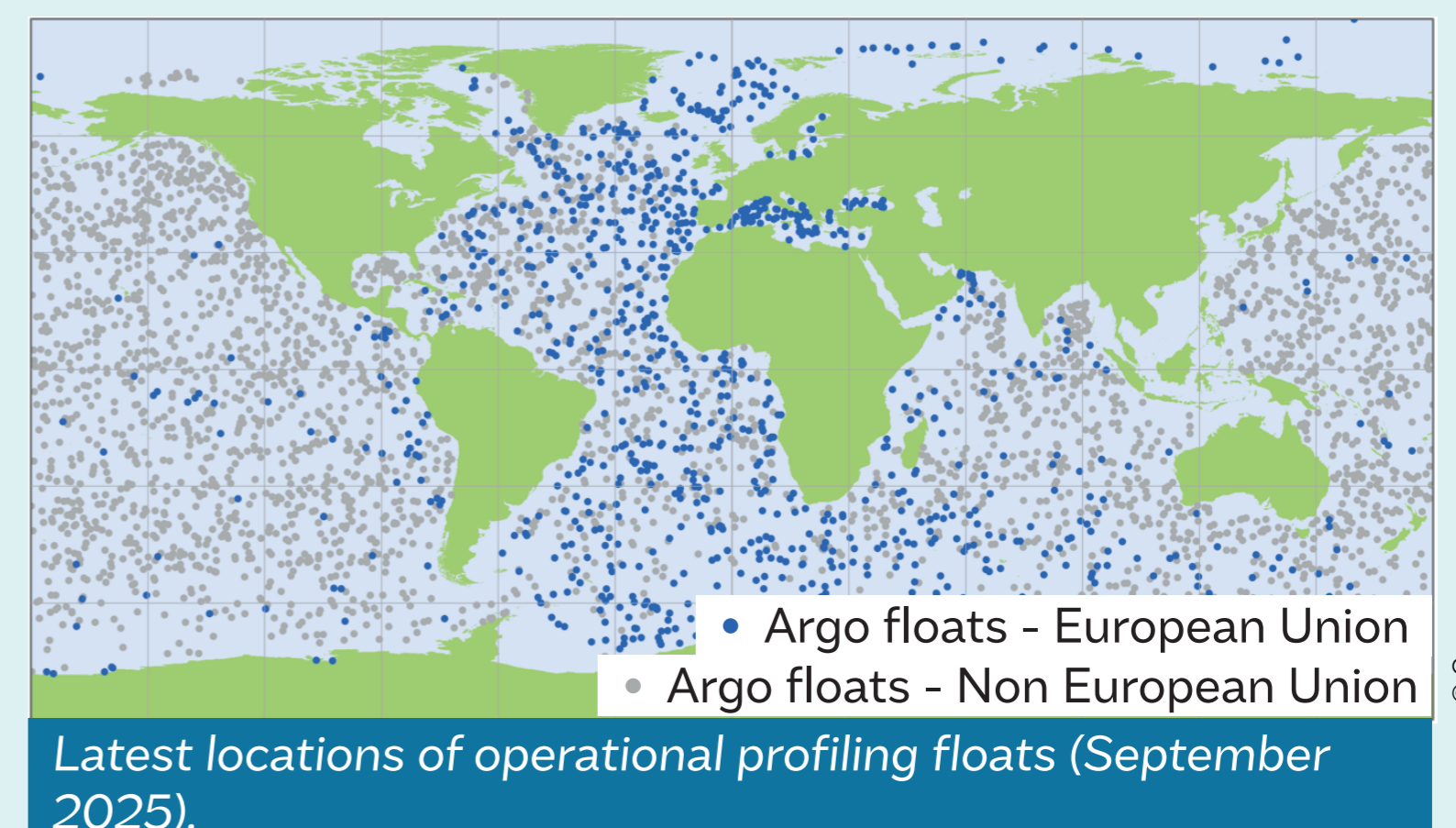
**1** scientific paper based on Argo data is published every day, on average.



**$\approx 10\%$**  of the floats are **recovered**.



**5** years of life expectancy  **$\approx 200$**  cycles.



**24%** of the floats are deployed by **European countries**.