

New Scientist

WEEKLY 28 October 2023

ULTRA-PROCESSED FOODS

What do they really mean for your health?

MEMORY FAIL

Why we often misremember details

NET-ZERO HERO

South Australia's remarkable push to 100% renewables

IN SEARCH OF QUANTUM SPACE-TIME

What is the fabric of the universe actually made of?



STRANGE SWIMMERS

Human sperm cells caught breaking the laws of physics

PLUS WHY BIRDS HAVE BRIGHTLY COLOURED EYES / LESSONS IN CHEMISTRY REVIEW / UPWARDS LIGHTNING / HOW TO MAKE VEGAN CHEESE TASTE LIKE CHEESE

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Strange explosion

Cosmic blast makes our understanding of space uncertain **p9**

Wildlife toll

The Amazon's pink dolphins are feeling the heat **p10**

Filtered out

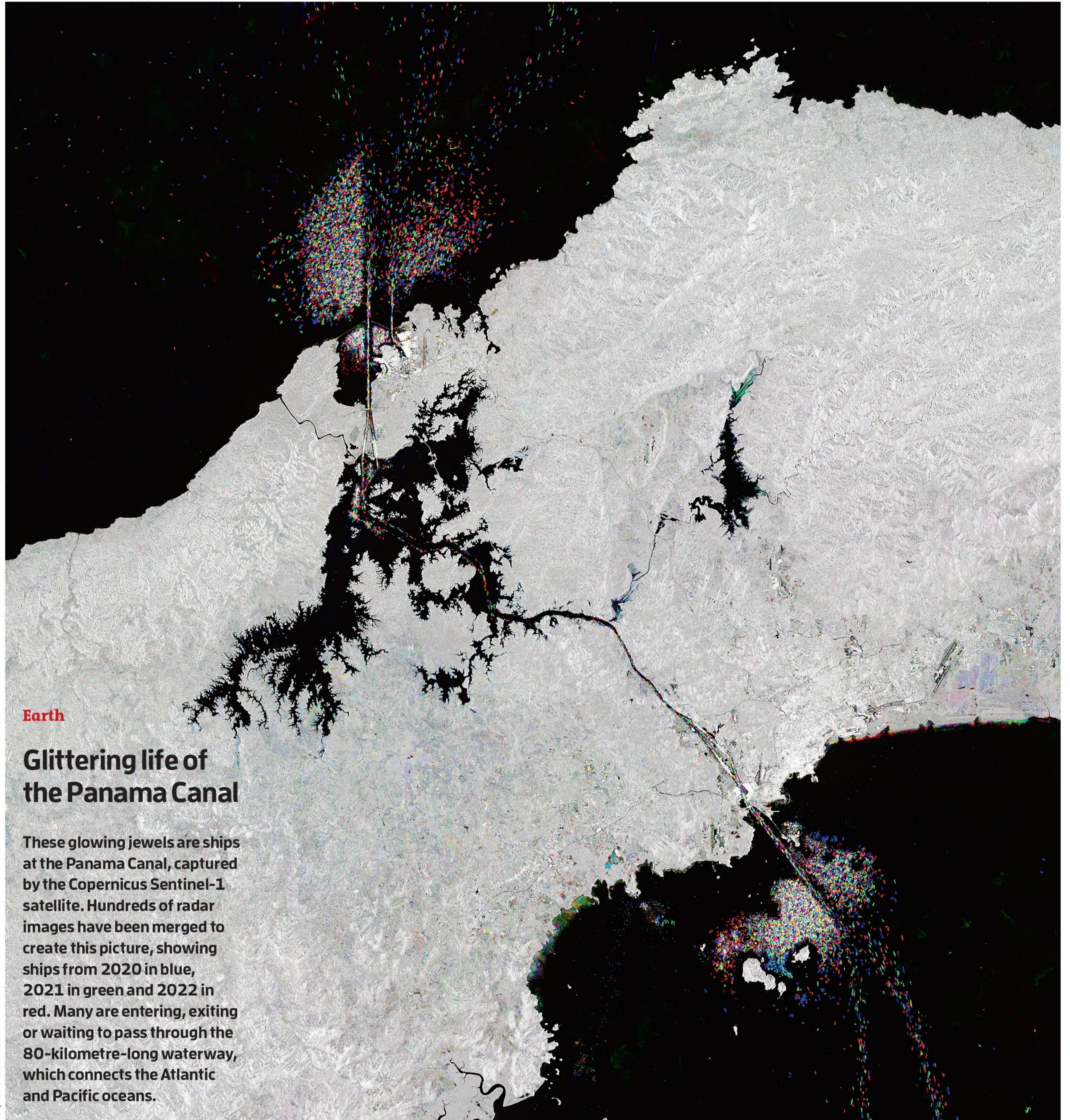
HEPA air filters cut covid-19 sick days in schools **p13**

Bridging the gap

Chatbots could show us how to make social media less toxic **p15**

Night moves

People can respond to words they hear while asleep **p16**



Earth

Glittering life of the Panama Canal

These glowing jewels are ships at the Panama Canal, captured by the Copernicus Sentinel-1 satellite. Hundreds of radar images have been merged to create this picture, showing ships from 2020 in blue, 2021 in green and 2022 in red. Many are entering, exiting or waiting to pass through the 80-kilometre-long waterway, which connects the Atlantic and Pacific oceans.