



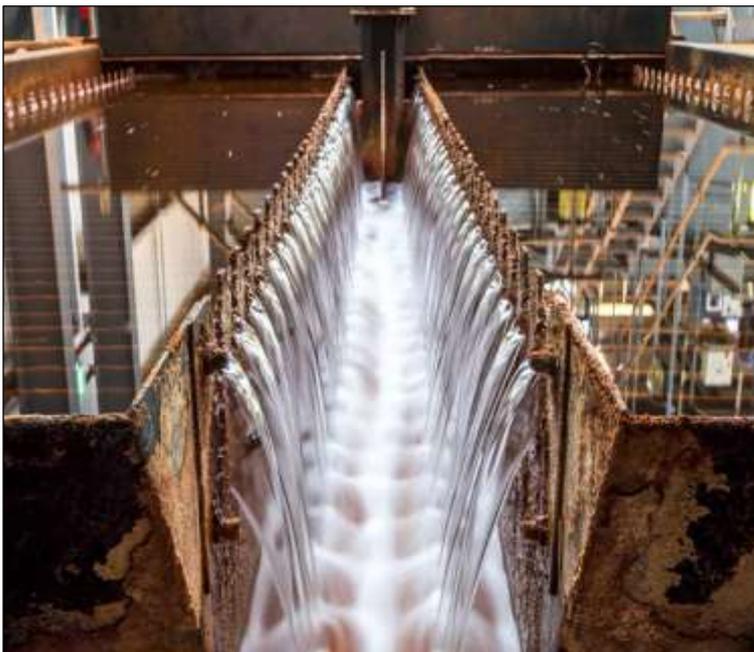
## Gorilla has CT scan

Makokou, a 34-year-old western lowland gorilla from the Johannesburg Zoo in South Africa, made history when he was flown by helicopter to the University of Pretoria's Veterinary Academic Hospital. He was airlifted more than 40 miles to the university as the facility's Computed Tomography (CT) scanner was strong enough to cope with his 210kg weight. A CT scanner uses a combination of X-rays and a computer to create pictures of the inside of the body. It took more than five people to lift the sedated Makokou off the stretcher, after the scan. The ape has undergone a medical procedure after unusual growths were found in his nose, causing concerns about his health. A spokesperson from the zoo said that the scanner was the only way to see how bad the lesions were.



*Pictured: Makokou before the CT scan at University of Pretoria's Veterinary Academic Hospital, taken from the university's Twitter page.*

## Homes heated by water from coal mines



*Pictured: The Dawdon mine water treatment scheme, which treats water abstracted from an extensive network of flooded abandoned coal mines taken from The Coal Authority Twitter page.*

A new garden village in County Durham will soon be heated by warm water from flooded mines! As a quarter of all homes in the UK sit on coalfields, this could help meet the UK target of virtually zero carbon emissions by 2050! When underground mines are abandoned, the pumps that keep them dry are often switched off and the mines fill with water. This water is heated by geological processes and remains at 18 to 20 degrees Celsius. The Coal Authority says the water in these mines is a low carbon, sustainable heat source, which under the right conditions, can also compete with public supply gas prices. Jeremy Crooks, Head of innovation at the Coal Authority said, "The abandoned coal mines in the UK present an enormous opportunity to the UK as a source of geothermal energy".



## Bricklaying robot sets new record

Fastbrick Robotics's Hadrian X bricklaying robot breaks its own speed record by laying 200 bricks an hour! Hadrian X is the world's first fully automated end to end robotic bricklayer. The unique construction robot is mounted into a classic cab over engine truck to make transport easier. The robot works by using sensors and Dynamic Stabilisation Technology (DST) to adjust for "wind, vibration and other environmental factors instantly, enabling precise positioning of objects over large distances outside," the Australian firm says. The human record for bricklaying is 915 in an hour, set in 1987 by American bricklayer, Bob Boil. The company is aiming high with Hadrian X's sibling robot, Hadrian 112, who's target is to lay 1,000 bricks per hour!



*Pictured: Fastbrick Robotics's Hadrian X bricklaying robot in action taken from the companies Twitter page.*

## Your thoughts on the news...

People might choose a certain job because they enjoy doing it and want to make a difference.

They also might choose that particular job because it really helped them previously in their life, imagine them seriously ill but a doctor saves them. They then might want to be a doctor.

Bea - Age 10



When I am older, I would like to do something very challenging and it is a very good thing to do. So, it makes me feel a load of excitement and happiness.

Hugh Macleod - Age 7

People choose the jobs they do to match their skills and abilities; every job is special. It is important to get a job when you are older.

Lily-Anne - Age 10

The N.H.S have really inspired people to do good things.

Lashon - Age 11

What was your opinion on this week's news? Visit our discussion area, found here:

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/ think...



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