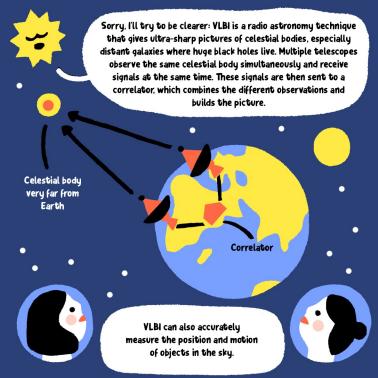
LOOKING DEEP INTO SPACE TO BETTER UNDERSTAND EARTH



POOF!



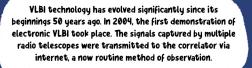




However, VLBI is not used just to observe distant celestial bodies. It can also find the position of interplanetary probes, like a sort of space GPS. To correct the probes' trajectory as they approach the planets and bodies in the solar system that they are going to study, for instance. In terms of precision, it's a bit like if we were able to see a tennis ball on the surface of the moon with just the naked eye.









By 2030, the SKA (Square Kilometre Array) will be introduced into the VLBI network. SKA will be the world's largest radio telescope, aiming to study the beginnings of life and the origins of our universe. It will produce a data flow greater than all global internet traffic today.



VLBI observes objects at the furthest reaches of space, while offering the opportunity to better understand Earth and analyse what is happening on its surface! But to do this, an international network is essential.

In Europe, JIVE, with its correlator, is the heart of the network. This institute is also behind the JUMPING JIVE project, the goal of which is to promote VLBI technology and international cooperation.



Wooow





I have one last little question...

