

# Interreg

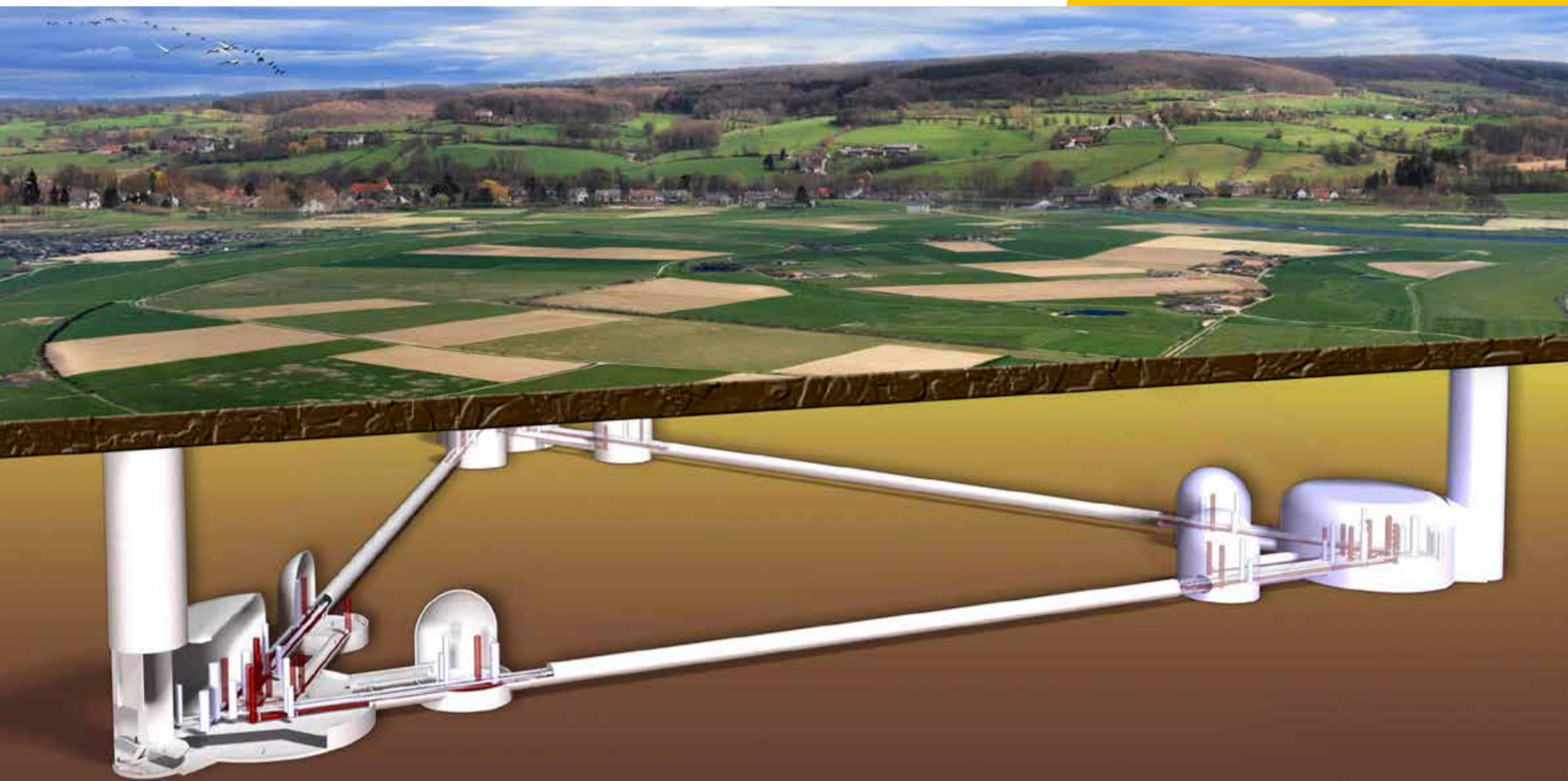
Euregio Meuse-Rhine



E-TEST Einstein Telescope  
EMR Site & Technology



EUROPEAN UNION  
European Regional  
Development Fund



## E-TEST

The Einstein Telescope will open a new window on the Universe through the observation of gravitational waves. Its infrastructure will be buried 300 meter below the surface to reduce human-, wind- and ground-induced vibrations and movements. The Interreg project E-TEST is a very important step of the Einstein Telescope, as it will be a proof of concept, both on the prototype side and on the geological side. E-TEST will build a prototype – a large suspended mirror at cryogenic temperature (10 Kelvin) – to validate the telescope's technology. E-TEST will also run an underground study to map and model the geology of the Euregio Meuse-Rhine. This will allow to define the optimal design and location of the future Einstein Telescope. This project is a major scientific breakthrough but will also have a significant economic impact on SMEs in the Euregio Meuse-Rhine.

[www.interregemr.eu](http://www.interregemr.eu)

At Interreg Euregio Meuse-Rhine, we fund projects where partners work together across borders. In 2014-2020, we invest EUR 96 million from the European Regional Development Fund in our region.

We are a collaboration between 13 regions from Belgium, Germany and The Netherlands. Together, we develop shared solutions to common challenges. This gives Interreg its own, distinct spirit of cooperation: across regions and across borders.



Wallonie

Ministerium für Wirtschaft, Innovation,  
Digitalisierung und Energie  
des Landes Nordrhein-Westfalen



AGENTSCHAP  
INNOVEREN &  
ONDERNEMEN



Vlaanderen  
is ondernemen

provincie limburg



Ministerie van Economische Zaken  
en Klimaat



VLAAMS-  
BRABANT