



Rob van der Meer – Nikhef

ET-NGF – Einstein Telescope



Het Nationaal Groeifonds
Resultaten tweede ronde



Partners ET-NGF



Ministerie van Onderwijs, Cultuur en Wetenschap



Ministerie van Economische Zaken en Klimaat



Regionale Ontwikkelings Maatschappijen

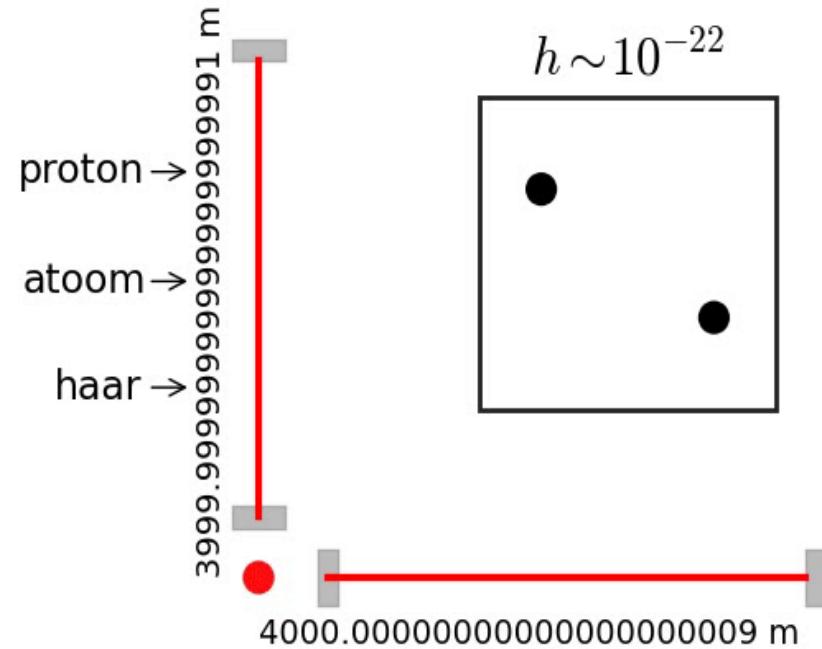
provincie limburg



Regionale ontwikkelingsmaatschappijen NL



Detection principle: Laser interferometer

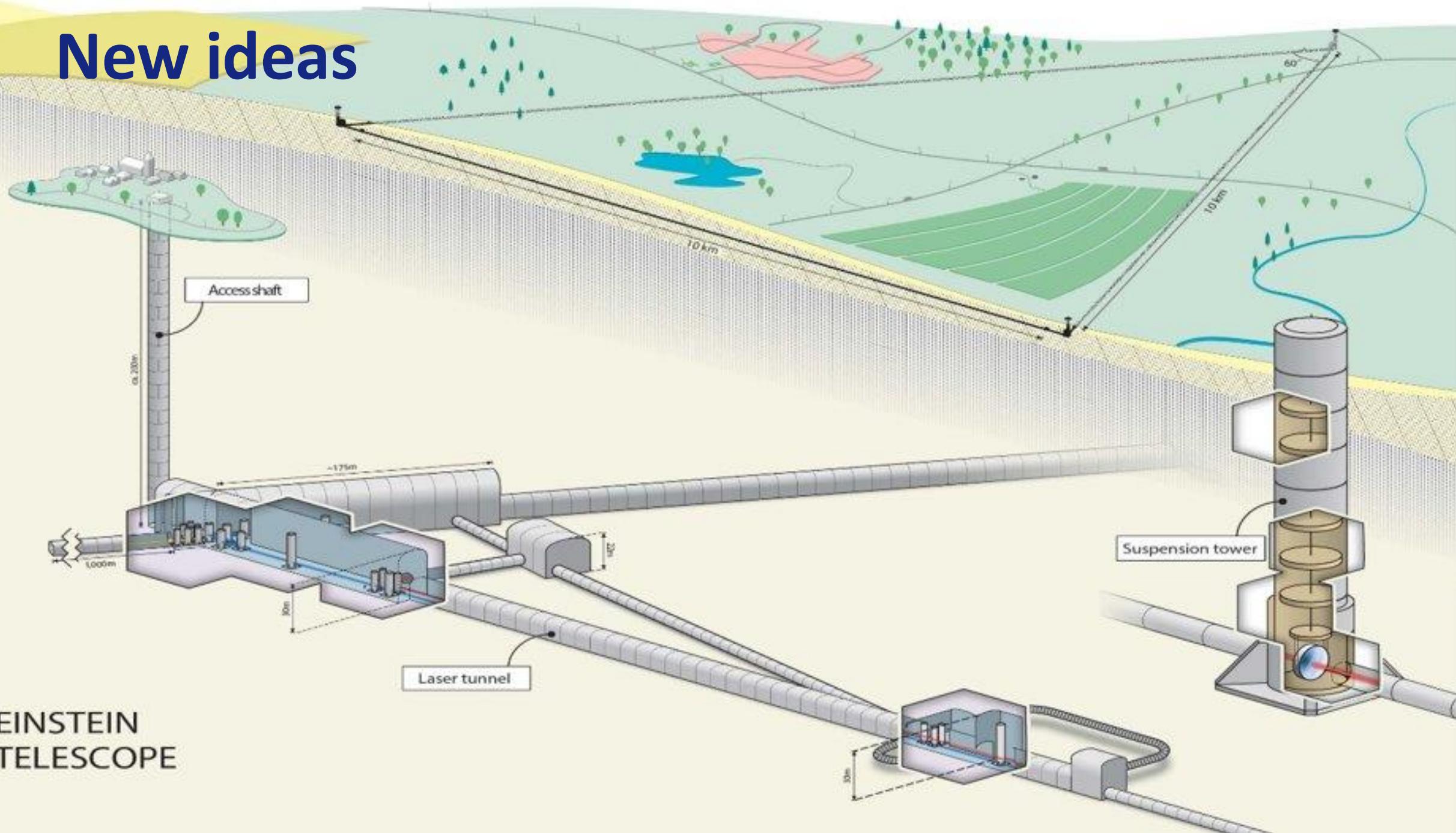


Virgo detector, Italy

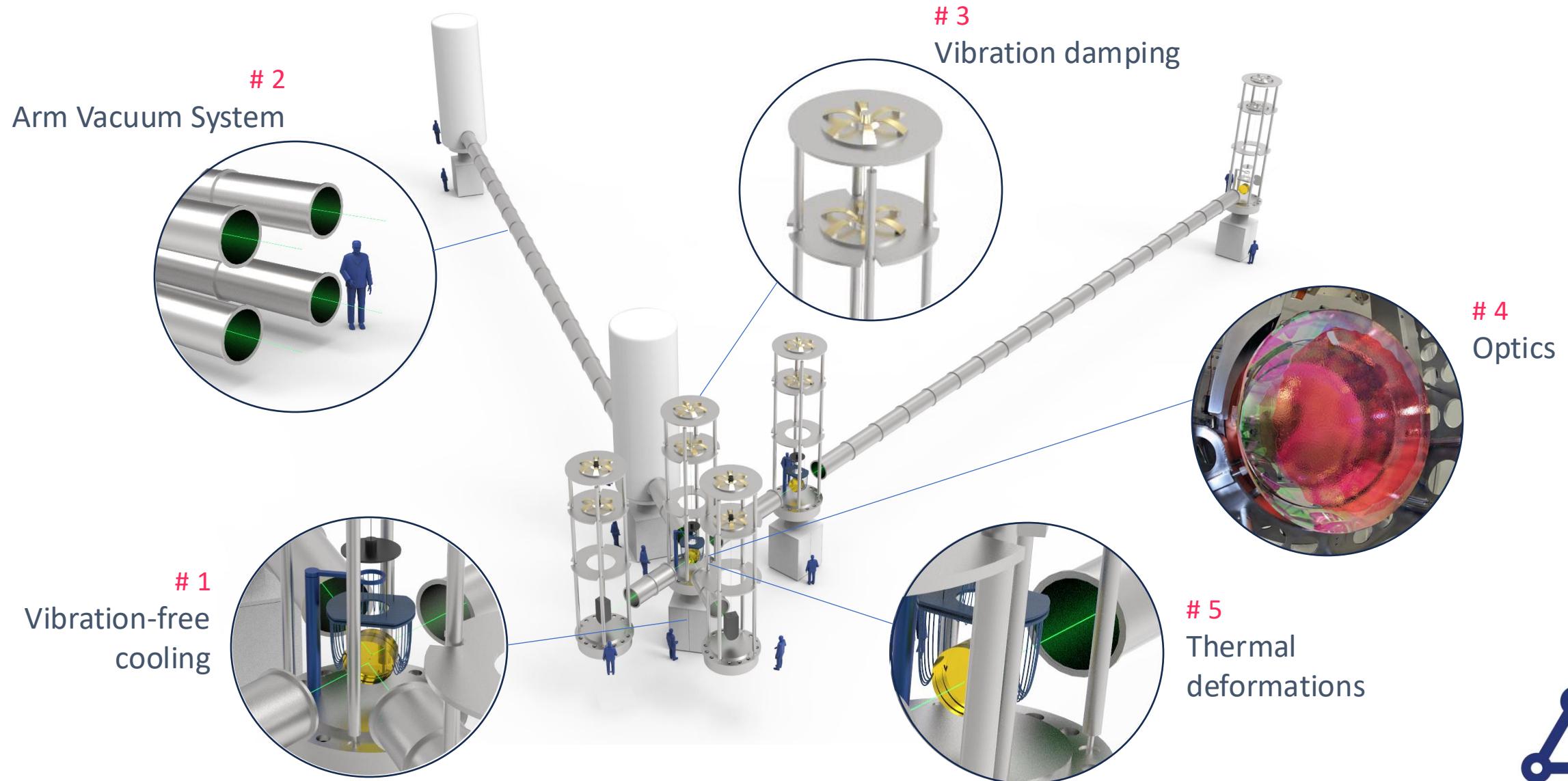
ET goal: more detections: $\sim 1/\text{week} \rightarrow \sim 100/\text{day} = 1000 \times \text{better}$



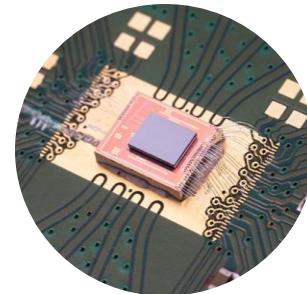
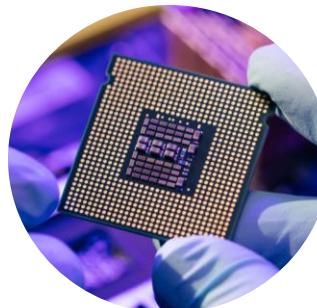
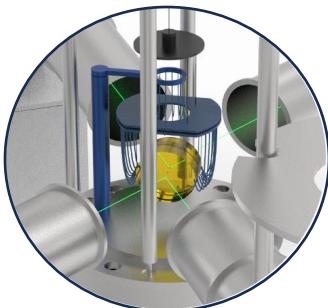
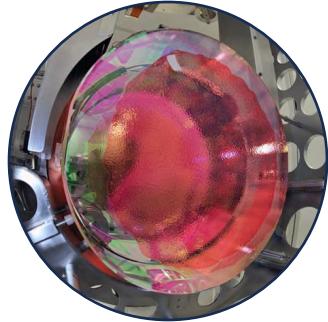
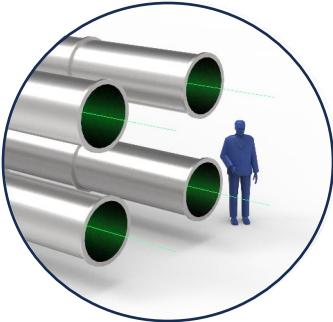
New ideas



Market creation & valorisation – R&D calls



Valorisation: technology to market



The Cryo Consortium: vibration free Cooling

Background

UNIVERSITY
OF TWENTE.



DEMCON

KRYOZ

COOLL



Spin-off opportunities

Life-sciences & material research



Semicon



Space



Quantum computing



Associate partners

STIRLING
CRYOGENICS

cryoworld
advanced cryogenics

mat-tech^{ee}
innovative soldering & brazing

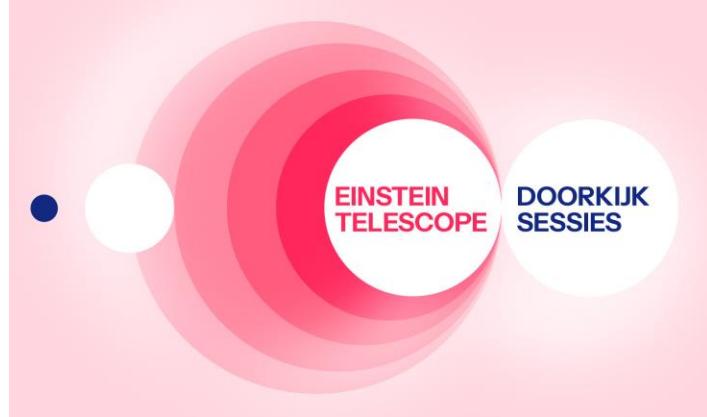
ASTRON

NOVA

Universiteit
Leiden



ET-NGF R&D calls



Domain	Doorkijksessie	Call
1: Vibration free cooling	nvt	Awarded February 2024
2: Vacuüm pipe	Announcement soon	Announcement soon
3: Vibration isolation	January 24	April 8 – May 31
4: Optics	February 28	June 24 – September 12
5: Thermal deformations	March 27 - 4 July	September 2 – October 17
Other fields	Find parties	Find funding

Join us !

Call for action:

- Info @website Einstientelescopeforbusiness.nl
- Talk to us today @Marktplein



