# Our (growing) GW group @ Nikhef



Maria Haney –now at the University of Zurich (CH)– will join Nikhef on a Tenure Track position in 2022 to strengthen data-analysis & GW science



Andreas Freise will become Deputy GW Program Leader with a focus on instrumentation science (& stimulation more coherence in the Amsterdam-located activities!)

(Andreas also co-chairs the ET Instrumentation Science Board)

### **Events:** (too) many, a selection

**13-14 September** kick-off of the Dutch Black-Hole Consortium @ Continuum Discovery Museum,
Kerkrade

4 October Einstein Telescope industrie strategie dag @ VDL,

Eindhoven

**8 October** ETpathfinder, E-TEST & ET2SME industry event,

Liège (Belgium)

**2 November** Einstein Telescope pop-up stand,

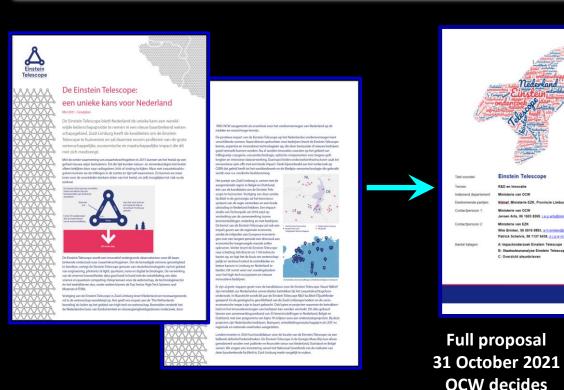
The Hague

**8 November** ETpathfinder opening OCW Minister,

Maastricht

**7 December** ESFRI Roadmap launch, Ljubljana (Slovenia)

### **Nationaal Groeifonds:** many €'s and at a very high level



Pre-proposal submitted May 2021 (1 of 243) selected to be worked out with OCW in the lead



Impactonderzoek

Einstein Telescope

#### **Team effort:**

Lysias consultancy, LIOF, Limburg province, Nikhef, OCW & EZK

### **Staged approach**

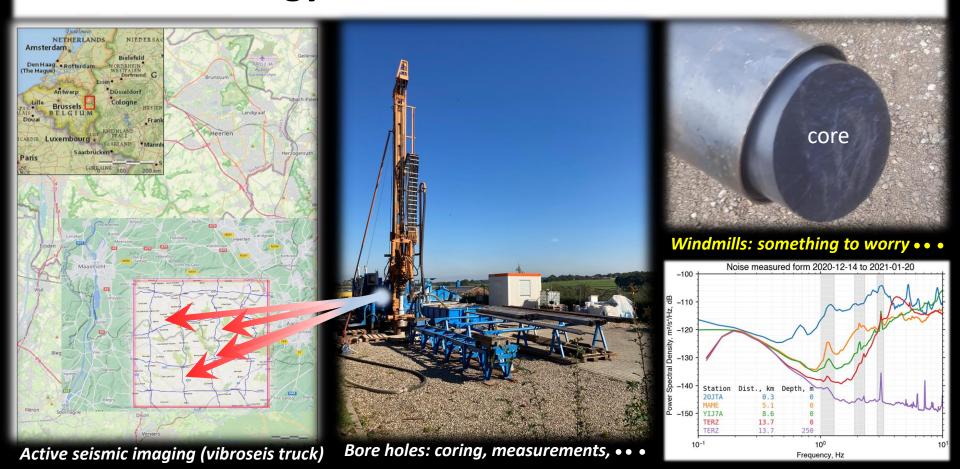
- 1. 42 M€ towards 2024 bid to host ET
- 870 M€ as Dutch contribution to ET if in the **Euregion MR**

verdict: April 2022?

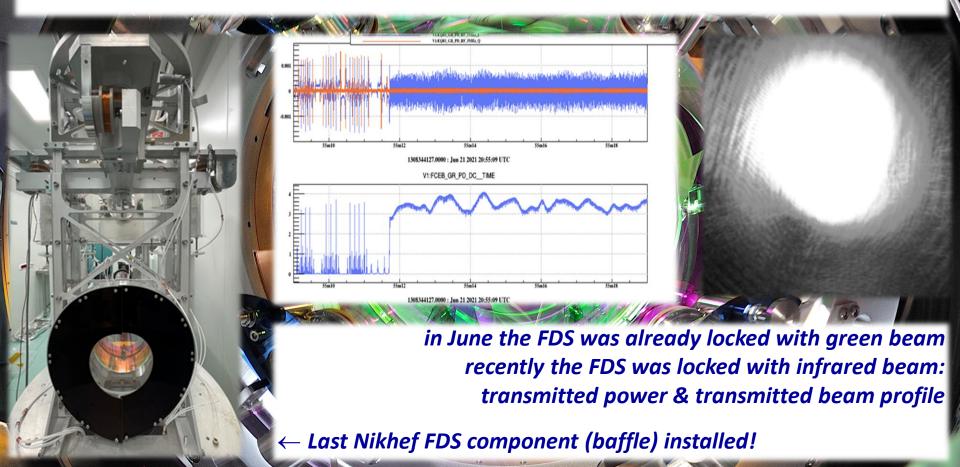
**Full proposal** 

**OCW** decides

### **Geology** — and other affairs: windmills, etc.



# Virgo upgrade - Frequency Dependent Squeezer/FDS

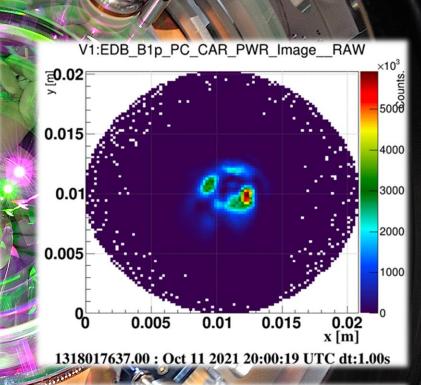


## **Virgo commissioning –** next run after August 2022



1318015088.0000 : Oct 11 2021 19:17:50 UTC

transmitted power in the 3 km long cavities during full lock of the interferometers



dark fringe image during full lock