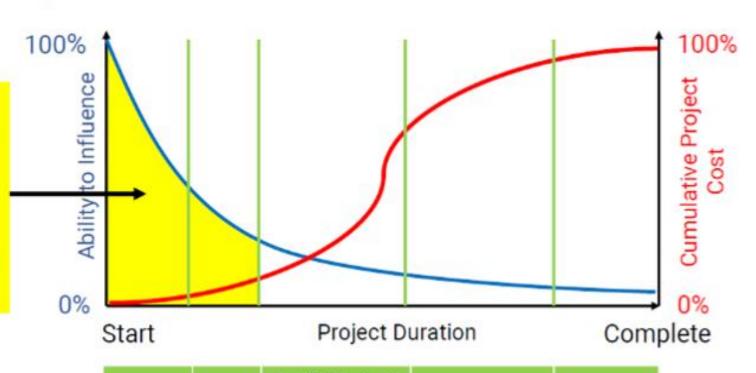
Synergies?
Overlaps?
Contacts?

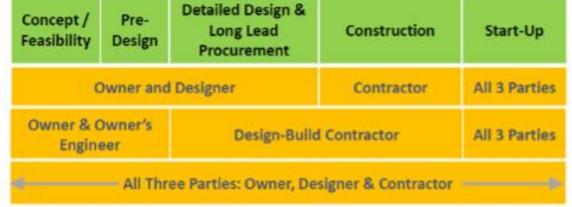
Discussion!

WP 1-3 & 5-10

Early
Contractor
Involvement
???

ECI enables 3-party collaboration during the period of highest influence, this opportunity is missed with design-bid-build and design-build





Design - Bid - Build

Design-Build

Early Contractor Involvement

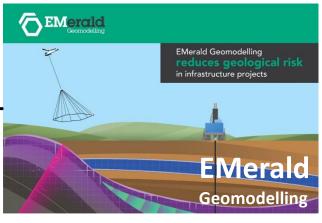
Lots of campaigns (some 'standard', some 'innovative'):

- Active/passive (large area) seismic campaigns (innovative –EM– seismic vibes?)
- Airborne EM/gravimetric campaigns?
- 3D Mapped Underworld Dimension (3D MUD™) Model (Auracle Geospatial, collaboration established)
- Combined data analyses (seismic/EM/Gravimetric)?



• Windturbine studies?





NL DE FR EN





Where Einstein telescope meets optical fibre research



18 July 2022 Written by Einstein Telescope NL

Einstein

Telescope / NL / BE / D /

Between October 2021 and March 2022, a 250-metre-deep hole with a diameter of 10 cm was drilled near Cottessen. Its main purpose? To investigate the structure of the subsurface, and whether it would be quiet enough for the Einstein Telescope. To this end, a vibration sensor was placed at a depth of 250 metres. But when Nikhef-researcher Frank Linde met Rob Jansen of TNO, they came up with something else: this narrow well also offered the chance to test whether they could use a fibre optic cable as a sensor over its entire length. This sensor could measure temperature, deformation and vibrations. And this technology, in turn, can be useful for all kinds of applications.

Industry event and subsidies already awarded to better connect Einstein Telescope to industry



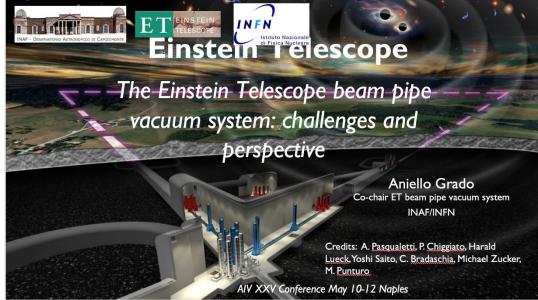


And not to forget: we (WP4) haev to deliver socio-economic impact studies

Recent industry event in Italy







WP9: Sustainable Development Strategy









WP2: Organization, Governance and Legal Aspects



• Legal entity:

Desirable to establish legal entity.

- In view of (large) contracts (VAT?)
- In view of incidents: water pollution, sinkholes, ...



Final ET RI layout:

- What can we do to speed this process up?
- Also impacting overall costs: initial investment as well as annual exploitation budget

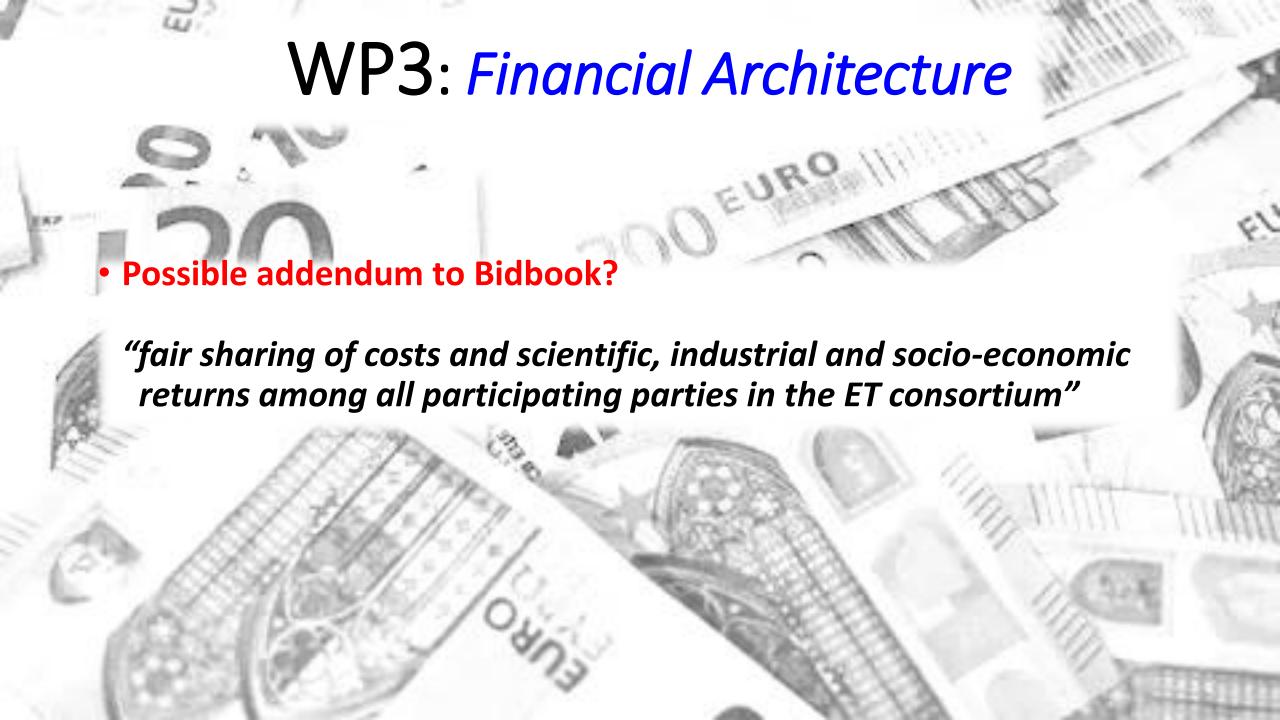


• Site selection:

BGR input needed:

- Bidbook format/procedure/timeline
- Opinions on single-site ↔ multi-site i.e. overall cost considerations

• ...



WP5: Project Office and Engineering Department

WP6: Technical Design

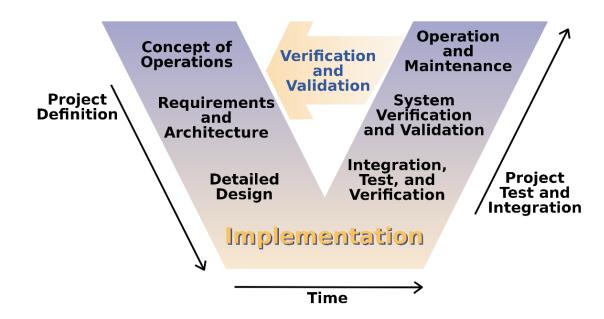
Civil engineering:

Obvious synergy (sub-surface, but also ...) this requires close collaboration



• Technical design:

A hell lot of work ahead of us ... we are all short of engineers/technicians



WP10: Education, Outreach & Citizen Engagement

- WP4 can (and does) offer/engage:
 - Field work for students: high-school and university alike Desirable to establish legal entity.
 - 'Town meetings' for locals

• PR/communications contact coordinates for Sardegna & EMR

Geology students on field work



WP8: Computing and Data Access

WP4 needs:

- Convergence towards common data formats
- Storage and access to the relevant data (seismic campaigns, EM, ERT, magnetic, gravimetric, ...)
- (modest) computing needs