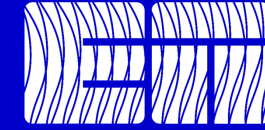


Introduction WP2 members



EINSTEIN
TELESCOPE

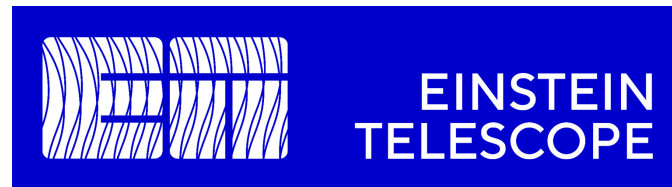
Current composition

Lead Nikhef, INFN, STFC

- Nikhef team: Miriam Roelofs, Hans Chang
- INFN team: Monique Bossi, Federico Ferrini
- STFC team: Laura Woodward, Jamie Parkin

➤ **Invitation to:** *ETO directorate (Fernando Ferroni), secretary BGR (Jerome Pourbaix)*

Objective WP2: to support the ET concept



Interaction with the BGR:

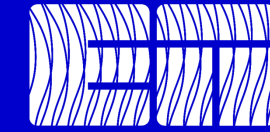
- *building an understanding* of potential future legal models (ERIC, IGO or hybrid as a domestic company with an international flavour),
- identifying the key elements with an impact on the governance options,
- gathering good practices and lessons learned from current international science projects (CERN, CTAO, SKAO, ESRF, ESS, EGO)
- *to inform the rules/statutes for the preferred final legal form of ET (Del.2.3. WP2)*
- *to inform the roadmap for establishment of the legal entity (Del.2.4. WP2)*

Interaction with the ET-Coordinators/Directorate

- With regard to organisational aspects

Exchange with other ET PP workpackages:

- Input for governance requirements
- WP3, WP7, WP5: e.g. balanced return on investment, procurement, beneficial tax regime, financial model



ET working assumptions

E.g. According to ESFRI application is ET a single site observatory with a Headquarter and datacenter.
However, multiple site configurations are being discussed within the ET organisation and ET Collaboration.

- **Parallel developments** in the ET project of the future ET organisation: instrument-design, procurement model, financial model, HR model
- Later on: possible **revision or ajustement of assumptions**
- This might have an impact on the preferred legal model preferred → **Legal Structure follows function**

WP 2: Deliverables

- ✓ **2.1. Report providing options for a legal entity (October 2023)**
 - ✓ **2.2. Minutes of meetings with involved Ministries (BGR) and EC (October 2023)**
 - ✓ **Revised Del 2.1. Study and analysis on governance: Intermediate paper (March 2024)**
 - ❑ 2.3. Legal documents and content for statutes (Q3 2025)
 - ❑ 2.4. Roadmap to establish the legal entity (Q3 2026)
-

❑ **2.3. Legal documents and content for statutes (Q3 2025), request for amendment**

Considerations for request:

- preliminary state of discussion in BGR → consensus on a preferred legal framework not before Q2 25
- experience from other large scale research infrastructures with regard to the length of negotiation process

Possible options discussed in October 24 (Midterm review):

- **Extension of the deadline until M47 and**
- **Content change: draft legal documents and content for draft statutes.**

Extension until M47; with the note that a request for a content change may be needed in the future, depending on how discussions progress in terms of the geometry, site selection and legal framework.

WP 2: Critical risks, deviations from Annex I, contingency plans

Deliverables (2024-2026)

2.3. Legal documents and content for statutes (Q3 2025)

2.4. Roadmap to establish the legal entity (Q3 2026)

Risks

- Extension of decision making timelines with an impact on the governance:
Instrument-design, procurement model, site selection, funding model
- WP2 depends on the input from BGR (ET decision making body), if the input for the long term and/or intermediate entity is not timely exchanged:
 - WP2 is unable to deliver the legal documents (Del.2.3.) within the ETPP project timeline
 - The level of accuracy of the Roadmap to establish the final legal entity (Del.2.4.) might be low

Risk Mitigation

- Increased interaction with BGR, direct link to BGR secretary, invitation to WP2 meeting
- Initiation of (in-person) workshops to facilitate informative discussions: BGR experts, ETO, ETPP
- Interaction with the other ETPP workpackages (WP3,WP7) to define relevant aspects (e.g. financial model and procurement strategy)
- Interaction with BGR experts on specific items

WP 2: Contribution from each partner

	<div><div></div><div>SEP</div></div>	PM as per Annex I	PM period RP2	PM period RP1
UKRI	CONTRIBUTIVES	4,8	0 ¹	1,2
	REQUESTED EC	0	0	0
INFN	CONTRIBUTIVES	10	0	0
	REQUESTED EC	0	0	0
NIKHEF	CONTRIBUTIVES	10	0	0
	REQUESTED EC	15	7,37	6,2
Total Person Months	CONTRIBUTIVES	24,8		1,2
Total Person Months	REQUESTED EC	15	7,37	6,2
<div><div></div><div>SEP</div></div>	<div><div></div><div>SEP</div></div>	39,8	7,37	7,4

¹ UKRI claims 1,8 pm: this will be corrected by WP1 on EC reviewmeeting 15 May

PMs used = 38%

WP 2: update activities 2024

Three lines of interaction: BGR, ETO directorate, ETPP workpackages (WP3 and WP7)

Every 2-3 weeks WP2 meetings: Nikhef, INFN and STFC

Q1- Q2

BGR-6, 8 March 2024, update progress WP2

WP2 developed a **draft MoU** to establish a joint ETO fund for the ET project and installation of an ETO Funders group

➤ Undersignment December 2024: Nikhef, INFN, Belspo, FWO (Nikhef host agency)

WP2-WP3 joint session ETPP Annual (18 June Barcelona): development of financial and legal model

Q3-Q4

BGR-7: 4 October 2024, Cascina, governance workshop

- WP2 Discussionpaper BGR-7, including outcome of WP7

WP2-WP3 joint workshop (15 Nov Warsaw): development of sustainable financial model and relation with legal framework, e.g. HR, Procurement, In Kind contribution (keynote speakers from other RI's: ESS, Xfel, ERIC Forum, ELI, SKAO, CTAO)

<https://indico.ego-gw.it/event/764/page/96-et-pp-wp2wp3-joint-workshop>



WP 2: update activities 2025

In-person WP2 workshop, 9-10 April 2025, <https://indico.nikhef.nl/event/6380/>

➤ For BGR members and BGR experts

“Weighing key-elements with an impact on the governance options”

- ✓ *To gain a deeper understanding, from all perspectives*
- *To understand the needs of the ET project and ETO organisation*
- *Explore the aspects of the topics with an impact on governance options*
- *Discuss the various experiences and advices of participants*

Participants

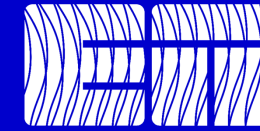
- BGR members and BGR experts *
 - (12) Belgium, Italy, Netherlands, United Kingdom, Germany
 - * Poland, France and Spain not able to join in person
- ETPP WP2, WP3 and WP7 (6)
- ETO (4)

Next steps:

With the outcomes of this workshop WP2 will deliver a discussion starter for **BGR-10 on 3-4 June Maastricht:**

Compile matrix with pro's and con's for the key-elements in each of the 3 legal frameworks as input for a decision on a preferred legal framework





WP 2: some take aways 9-10 April 2025

- **Willingness to build the bridge** → “defining both sites of the riverbank”: funding timelines and ETO project timeline
- BGR will work towards a **consensus on a preferred legal entity**: flexibility
- **HR scheme**: **competitive salaries with industry** first phase focus on technicians and engineers
- **Fair return***: **apply a fair return principle to attract Founding Members**
- **IKC**: **one central procurement office** is recommended
- **Multi site configuration**: **one central organisation** is recommended
- **Intermediate legal entity**: **dedicated entity for preparation ET project with defined purpose and scope to prepare for final legal entity and construction**



*boundary condition: consensus on preferred final legal entity, clarity on geometry and configuration

WP 2: next steps 2025-2026

Governance development

- Continue exchange and interaction with BGR

Q2: Governance session with BGR-10, 3-4 June, Maastricht
- Conclusive paper with pro's and con's as a discussion starter for weighting process by BGR towards consensus on preferred legal entity

Q3-Q4: Follow-up BGR-10
Interaction with BGR-experts to receive advice on:
specific items with regard to the development of statutes and legal documents

Q4 2025-Q2 2026
External legal advice to finalise legal documents (Del. 2.3.) and detail Roadmap (Del. 2.4.)

- Support ETO directorate on legal and organizational aspects
- Exchange with ETPP workpackages

