



# navisp

## Industry Days 2022

Session 4: Element 3

”Supporting PNT Initiatives in Member States”

R.Lucas

NAVISP Element 3 Manager



Day 2: 17th June 2022			
09:00	<b>Session 4: NAVISP Element 3: "Support PNT Initiatives in Member States"</b>		
	<b>Topic</b>	<b>Speaker</b>	<b>Organization</b>
09:00	Introduction	R.Lucas	NAVISP Element 3 Manager, ESA
09:15	Key Speaker	M.Cardone	Navigation National Delegate Italian Space Agency
09:45	018-AURORA -Italian Air Mobility Technologies & Distributed Test Facility	E.Borgna, M.Romani	ENAC (IT), TELESPIAZIO (IT)
10:05	016-ECHO-GNSS Monitoring and Interference Pilot System	A.Pandele	RISE (RO)
10:25	020-INSPIRE - Integrated Navigation System-of-Systems PNT Integrity for Resilience	M.Hutchinson	Taylor Airey (UK)
10:45	010-ICING-Independent Critical Navigation	S.Rasmussen	Space Norway (NO)
11:05	019-SBAS UK Test-Bed	D.Hill	Inmarsat (UK)
11:25	Q&A		

# navisp Element 3 Objectives and Scope

Support national strategies for the development and promotion of PNT products, applications and services to foster national and international cooperation.

Typical activities include

- System studies and developments in support of suitable use of PNT at national level
- Development of tools & facilities to support the use of PNT by institutional users or as per national objectives

Activities may consider the use of ESA labs and technical facilities.

Activities are fully funded.



# navisp Element 3 in numbers

77 Funds engagement % (26 M€ subscribed)

18 Element 3 contracts awarded

15 ESA's overhead % on Participating States' contribution



# How to Apply to Element 3

- Continuous Open Call (AO-1-9427) for unsolicited proposals.
- Eligibility indicated by the relevant participating state
- Two step-process for submission of projects
  - Step 1: Outline proposal
  - Step 2: Full proposal
- More information on the AO can be found through esa-star:
- Countries currently participating in EL3:
  - BE+CZ+DK+FI+HU+IT+NL+NO+RO+UK

**NAVIGATION INNOVATION SUPPORT PROGRAMME ELEMENT 3 ANNOUNCEMENT OF OPPORTUNITY (AO) 1-9427**

Intended	Issued	Tender Opening in Progress	Evaluation 1 – Tender Evaluation Board	Evaluation 2 – Recommendation & Endorsement	Awarded
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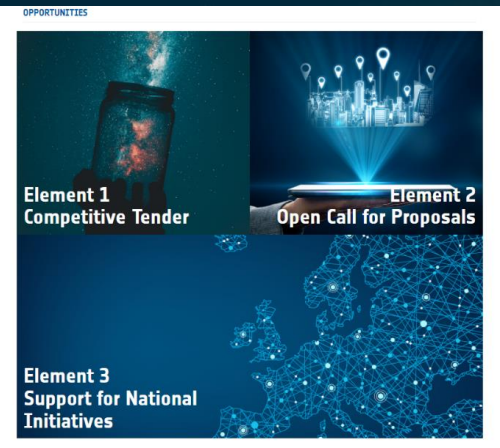
Clarification Request Deadline	Closing Date Extension Request Deadline	Announcement Date	Last Update On	Update Reason
17/12/2022 13:00 CET	17/12/2022 13:00 CET	30/03/2020	22/04/2022 14:19 CEST	Tender Action Data Information Updated

Under NAVISP Element 3, the Agency issues this Call for Proposals for the development of initiatives in the Position, Navigation and Timing domain. Element 3 is focused on participating States' priorities and aims at supporting their national navigation activities along the whole value chain. Element 3 configures as an ad-hoc support element, which is envisaged per country and possibly per domain, for the development and promotion of products, applications and services based on GNSS and more widely on PNT systems. If so required, ESA may provide technical assistance in various areas. Element 3 configures as an opportunity to foster cooperation as well as possible national partnerships with a wide diversity of actors, enlarging the national space community (agency, industries, universities and research centres) and strengthening relationships with authorities, organisations, institutions, industries and research actors from non-space sectors. Institutions and companies are therefore invited to submit Outline Proposals for the development of activities of national relevance and matching... [Read more](#)

Directorate	Directorate of Navigation	Authorised Contact Person	Maria Papaioannou
Establishment	ESTEC	Initiating Service	NAV-PN
Open Date	17/05/2018 00:00 CEST	IP Measure	N/A
Closing Date	31/12/2022 13:00 CET	Prog. Reference	E/0365-30 - NAVISP Phase 1 E3
ECOS Required	No	Procurement Proposal	
Classified	No		
Price Range	KEURD		



# Thanks for your attention!



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11:45 Session 5: NAVISP Industry Day Conclusions			
11:45	Conclusions and Way Forward	R.Lucas	Head of NAVISP Technical Programme Office, ESA
12:00	End of Meeting		

• For additional questions: [navisp@esa.int](mailto:navisp@esa.int)

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