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POSIDON
POLLUTED SITE DECONTAMINATION PCP



Port Network Authority
of the Eastern Adriatic Sea
Port of Trieste



Sara Beñin - Competence Center on Innovation Procurement



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EUROPEAN INDUSTRIAL CONTAMINATED BROWNFIELDS: THE PROBLEM

Member states are making effort to establish national decontamination/remediation strategies which are generally very costly. The POSIDON aim is to address the lack of innovation driven public demand in the soil decontamination sector in Europe.

THE CHALLENGE

POSIDON PCP project gathers 5 European procurers, two front-runners: Port Network Authority of the Eastern Adriatic Sea Port Of Trieste (IT) and Bilbao City Council (ES) and three observers: Spaque (BE), CEA - Vitoria Gasteiz City Council (ES), Baja do Tejo (PT), **all facing a common soil decontamination challenge in their managing sites and all leveraging public demand to identify fit-for-purpose and cost - effective innovative and sustainable soil decontamination solutions.**

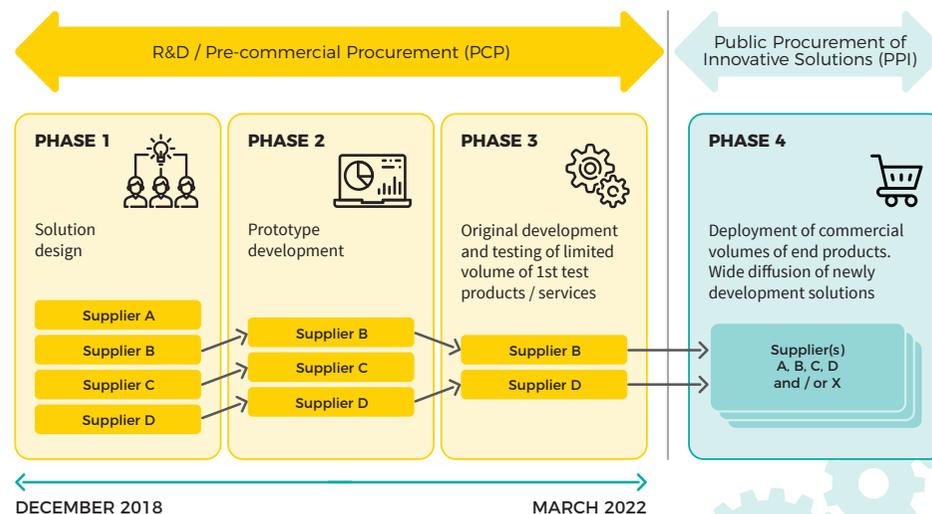
THE COMMON NEED

identified by the buyers' group concerns a soil (and eventually groundwater) remediation new, life-cycle, cost-effective technology, preferred as in-situ (and eventually on-site), capable of decontaminating the heterogeneous anthropic soil in brownfields, composed of a mixture of various industrial wastes (like filling soils highly polluted by petroleum hydrocarbons and heavy metals) and soils consisting of clay and sand highly polluted by petroleum hydrocarbons (TPHs), PAHs and heavy metals.

PCP - PRE COMMERCIAL PUBLIC PROCUREMENT

is a competitive multiple-sourcing procedure for procuring applied research and technological development services. It involves different suppliers competing in parallel through different phases of development: solution design, prototype development, original development of (at least) 2 prototypes (per each bidder) to be field-tested in 2 diverse sites (Trieste and Bilbao), with different urbanistic provisions that foresee future land uses.

POSIDON PCP AT A GLANCE



Evaluation following each phase progressively identifies solutions offering the best value for money. This approach allows successful contractors to improve their solutions based on feedback from procurers. The amount foreseen for POSIDON PCP is 4.340.000€.

JOIN POSIDON!

Are you an industry or a research institution operating in soil decontamination?

Preparing the PCP, POSIDON actively approaches the market in order to identify the state of the art and current development in the related sector.

Please fill in the POSIDON questionnaire to express your feedback on the innovation challenge and PCP setup.

The survey is open on the POSIDON website until 30th September 2018.

Are you a procurer interested in POSIDON PCP activities and results?

POSIDON intends to create a critical mass through the consolidation of a pan-European network of procurers who, sharing their needs and efforts, can enable the development (through PCP) and subsequent deployment (through a Public Procurement of Innovation - PPI) of novel technologies aimed to cover bigger market challenges in areas of common European interest. POSIDON is working for inclusion, in order to prepare for the future cross-joint border PPI for soil decontamination of European brownfields.

Please join POSIDON procurer network and take a look at POSIDON call for interest!

