

Pre-commercial Public Procurement for ITS innovation and deployment



P3ITS is a Coordination Action that will establish a European network of procurement and ITS experts to investigate how PCP can foster the uptake of ITS, and therefore help the European Public Authorities bridge the gap between R&D and wider market deployment.

At a Glance

Project acronym: P3ITS

Pre-Commercial Public Procurement for ITS Innovation and Deployment

Project type: Coordination Action

Programme: FP7

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AustriaTech (AT)

Centrum Dopravního Výzkumu (CZ)

Egis Mobilité (FR)

Evolving Systems Consulting (CZ)

ITS Bretagne (FR)

Vlaamse Overheid – Mobiliteit en

Openbare Werken (BE)

Ministry of Transport, Public Works and Water Management (NL)

North Denmark Region (DK)

POLIS (BE)

TTS Italia (IT)

ITS Netherlands – Connekt (NL)

Start date: 01/01/2010

Duration: 18 Months

Total cost: 418.102€

EU funding: 398.000€

Project website:

www.P3ITS.eu

Vision

Intelligent Transport Systems and Services (ITS) have the potential to shift mobility to a new sustainable era. Yet, after many years of research, their market uptake remains low and new instruments are needed to allow the European Public Authorities to bring ITS to their citizens. Moreover, Pre-Commercial Procurement (PCP) has been identified as a new instrument to foster the development of innovative solutions answering the needs of Public Authorities in a more competitive and cost effective way.

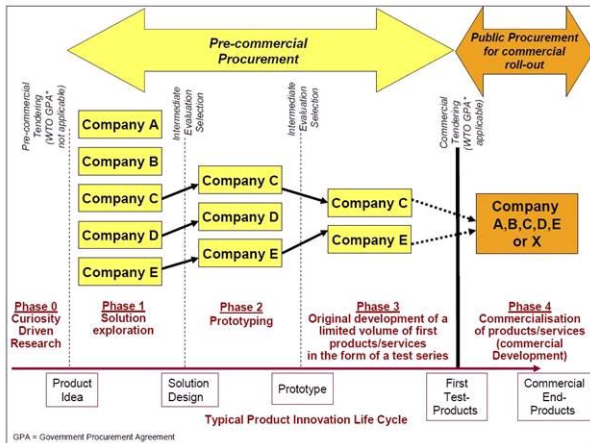
It is therefore the ambition of P3ITS to bring together a network of both procurement and ITS experts who will collaborate to produce guidelines and raise awareness on how PCP can be used to procure Research, Development and Innovation in Intelligent Transport Systems and Services.

PCP: what is it about?

In simple words, Pre-Commercial Procurement is an approach for procuring R&D services, in which the risks and benefits are shared under market conditions, and in which two or more companies in competition develop new solutions for the needs of the public sector or to answer societal issues.

DRIVING INNOVATION TO ENSURE SUSTAINABLE HIGH QUALITY PUBLIC SERVICES IN EUROPE

In 2006, the European Commission highlighted the role of public procurement in reinforcing the innovation capabilities of the Member States whilst improving the quality and efficiency of public services. The EC particularly focused on the concept of “pre-commercial procurement”, which concerns the procurement of R&D in the phases before commercialisation.



The expected benefits of PCP:

- Avoid locking into proprietary solution
- Reduce market fragmentation
- Minimise financial barriers for alternative competing developments
- Keep the R&D benefits and value as much as possible in the private sector, where it provides the basis for competitiveness, innovation and deployment.

Advancing ITS through public procurement

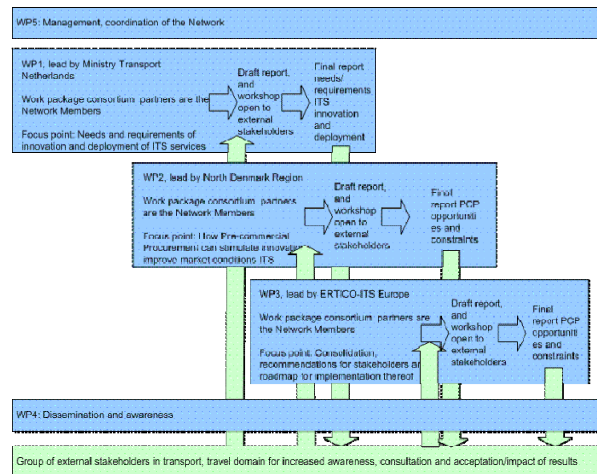
In the near future, vehicles will “talk” directly to each others and to the infrastructure, benefiting from a ubiquitous information environment. The fully connected vehicles will therefore be smarter, safer and greener, thanks to the Intelligent Transport Systems and Services researched in European projects. The results of these projects are expected to contribute to the goals of European, national and regional public policies, therefore making the role of public authorities prominent in deploying ITS. In order to ensure a wide European deployment of ITS, public authorities should establish national infrastructure (e.g. road side equipment) that ensures cross-border and cross-brand interoperability for the systems.

Project Structure

Due to the complexity of the topic, the project will first focus on the needs and requirements for migration from R&D towards large scale market uptake of ITS services.

Secondly, P3ITS will investigate the options and mechanisms that pre-commercial public procurement – as a special structure for procurement – provides for risk sharing and stimulating innovation.

Following the identification of requirements from industry and analysis of mechanisms for pre-commercial public procurement, the project will consolidate the results and extend the individual conclusions.



It's there: use it!

Throughout the project, a dedicated effort will be put in raising awareness for the use of PCP in the sector of ITS, in advertising the project's progresses and in disseminating the results widely to convince the procurers to use PCP.

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