

# Public demand driven technological innovation



**Abstract:** *With the goal of increasing and improving the innovation in technology, the public sector has developed new models of engagement ranging from the public procurement of innovative technology, up to pre-commercial public procurement. In the first case the technologies needed to make these breakthroughs existed or were close to the market and it was possible for public authorities to immediately procure the products and services required to modernize public services. However in other situations, investment in R&D was needed to assure the development of technological solutions that meet societal needs. The principal problem detected in these public procurements is the lack of knowledge from industry and academy of the public needs and the lack of knowledge from public sectors about what innovative technology can solve, being very little the procurement initiated. The ECHORD++PDTI activities (Public end-users Driven Technological Innovation) in Urban Challenges proposes the development of a previous process, involving the different stakeholders, citizens, cities, industry and academy, seeking to select and describe those urban challenges that could be improve by innovative technology.*

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