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Andalusian Technological Corporation (CTA)
– a reliable partner in collaborative transport RTDI –

Proposed projects presentation

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About CTA

- Founded back in 2005 with the support of the Andalusian Regional Government and 50 top innovative Andalusian big firms **CTA is an Andalusian PPP** currently made up of **more than 150 innovative firms** (big, midcaps and SMES 1/3 each), **10 Andalusian universities** and the **Regional Administration**, with a specific budget for RTDI (co) financing of **more than 150 M€** and nearly 600 RTDI projects financed so far.
- CTA is specialized in **policy support RTDI** –including **pilot projects** schemes deployment support-, **RTDI joint financing** (ERA-net schemes, cascade funding), **economic & technological intelligence** and **technology transfer** support, **back to back with its member firms**
- Six priority sectors including Infrastructures & Transport, with relevant synergies amongst member firms, universities and public bodies –*ideal for pilot schemes deployment & launching*-. *A number of construction firms and Transport ICT service providers represented, potentially involved as partners, end-users and validators*



Project ideas (1)

MG-2-10-2020 (RIA)

Advanced robotics & remote pilot systems to infrastructure upgrade & maintenance

TRL 7 development & testing of robotised equipment, drones & other (semi)-automated remote-piloted solutions, offering significant potential to safety upgrades, transport network increased availability & automation optimized repeatable tasks

Relevant construction companies, focused on modular construction, with planned candidate validation infrastructure projects already brought in as well as renowned robotics & drones university departments

Partners sought: ICT service providers, modular construction labs, public authorities



Project ideas (2)

Other topics of interest for CTA

LC-MG-1-12-2020 “Lighthouse projects” (RIA) and Fast-track & mainstream the replication of innovative urban, periurban & rural mobility solutions (CSA)

Potential involvement of *outstanding andalusian medium-to-large municipalities* in close contact with CTA, to which transport innovation related services are currently being provided

MG-2-10-2020 (RIA) Enhancing coordination between MSs in infrastructure research

Potential contribution of *CTA expertise as PPP regional financing body*

MG-3-8-2020: 'First of a Kind' solutions for sustainable transport and mobility: EU initiative for accelerating EU-wide market access, scale up and derisking

Relevant expertise from CTA as PPP and funding body, with a long standing experience in dialogue, matchmaking & *PPI support to regional public transport authorities* (currently PPI technical assistance underway to regional Ministry of Transport) and full back-up of relevant technology suppliers (business & academia)