



YOUR PARTNER OF INNOVATION IN CIVIL
ENGINEERING, TRANSPORT AND ARCHITECTURE



Actividades de Consultoría Técnica, Investigación y Servicios Avanzados S.L.

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OUR VISION

IN AN *INCREASINGLY COMPLEX*
AND INTERDISCIPLINARY WORLD
INNOVATION *ALLOWS US TO*
PROVIDE AN EFFECTIVE
RESPONSE *TO NUMEROUS*
CHALLENGES IN THE FIELDS OF
CIVIL ENGINEERING,
ARCHITECTURE AND TRANSPORT

"work to project a better world"

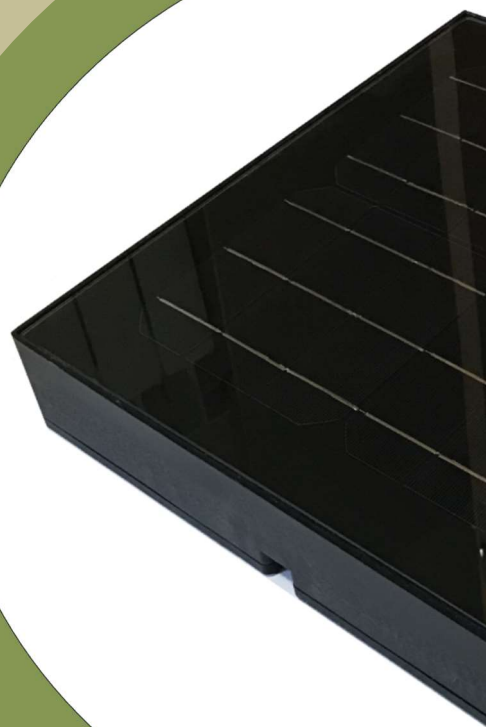




ADVANCED AND TRADITIONAL
CONSULTING SERVICES



MARKETING OF OWN
TECHNOLOGY PRODUCTS



ELECTROMOBILITY

Our Management Team



Salvador Mansilla Vera, ACTISA's Technical Director. Wide experience in the management and development of consulting and innovation projects in Civil Engineering, Architecture and Transport.

María José Sánchez Ibáñez, ACTISA's Administrator. Unrivalled experience in the coordination and administrative management of innovation projects.

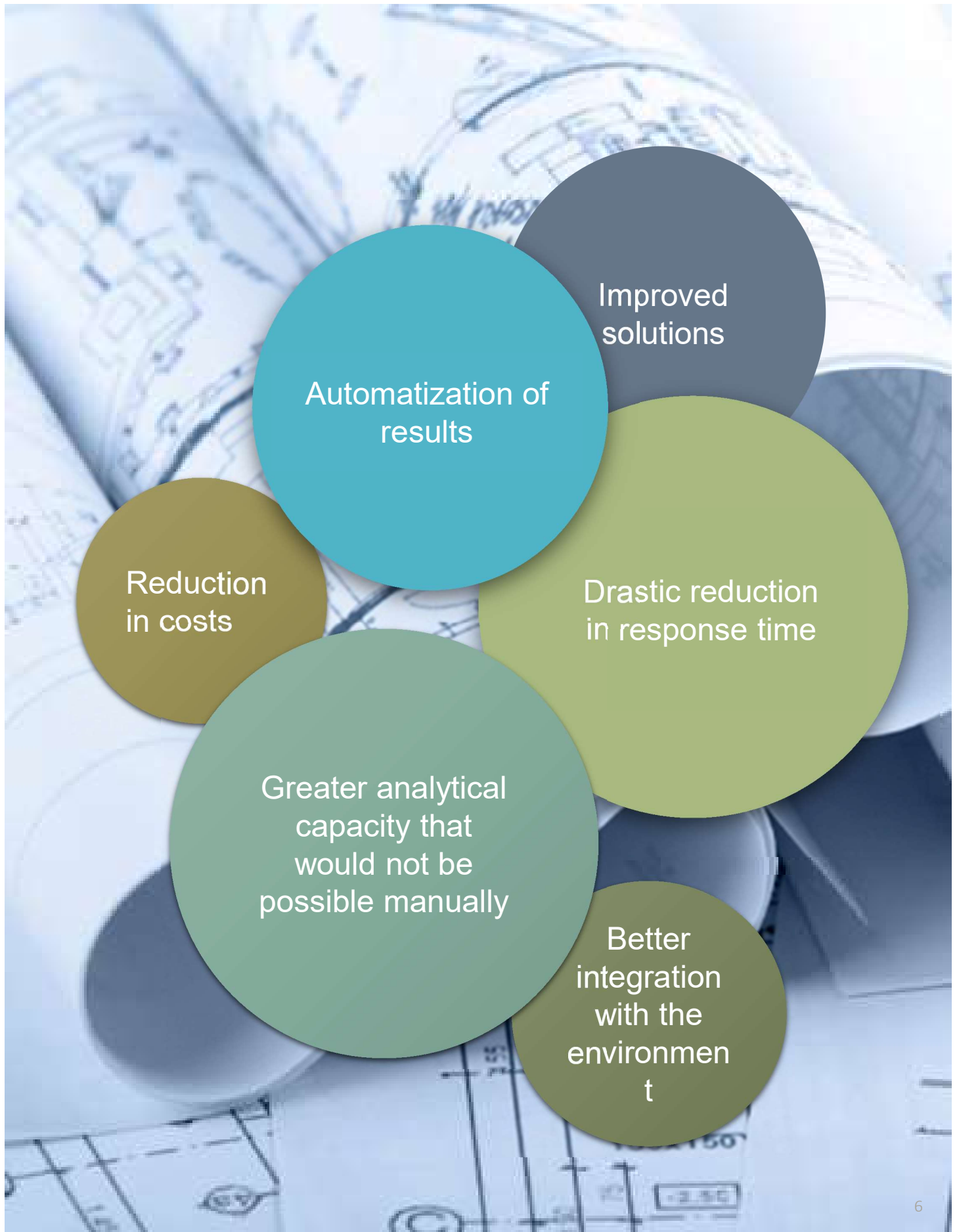


Antonio Roldán Peña, Telecommunications Engineer. Wide experience in the development of cloud solutions based on Artificial Intelligence and mobile applications.

Juan Manuel Rueda Carrasco, Computer Engineer, specialist in CAD software development based on Artificial Intelligence and web applications.



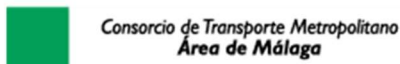
Julio Sánchez Mirón, Computer Engineer in software development for robotic applications using techniques based on Artificial Intelligence.



Customers who have trusted us to innovate



Many of our customers have discovered
the value that innovation adds to their
projects and business activities
thanks to ACTISA



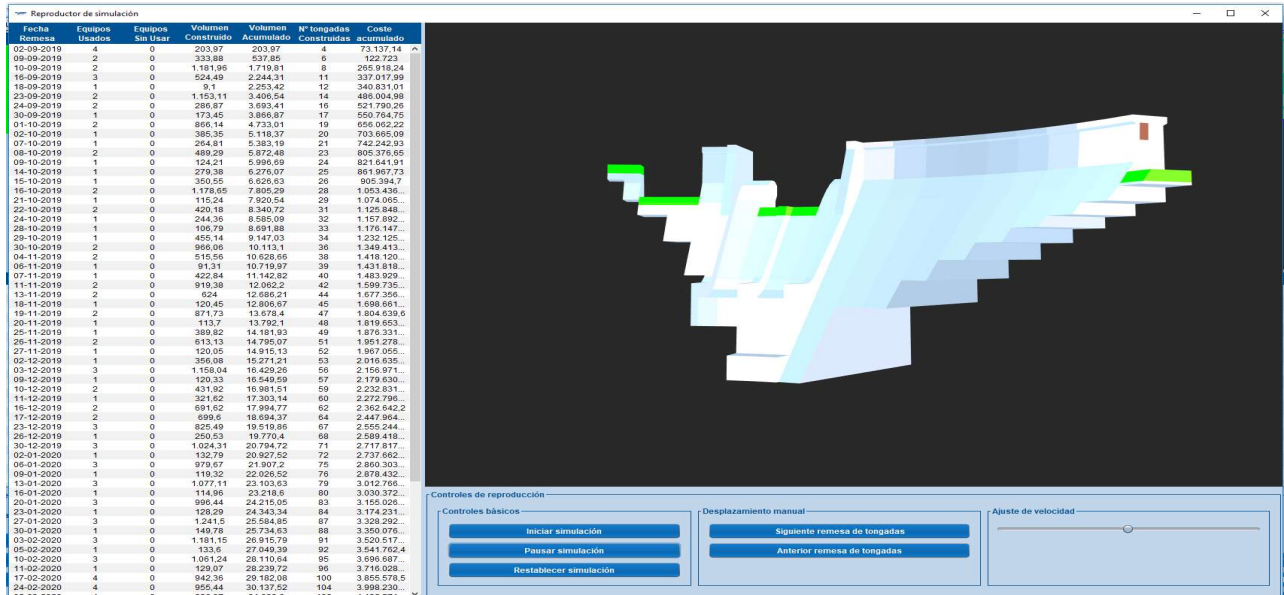
**Hermanos
Quiles
Punzano S.L.**



Some of our advanced services



DAM TETRIS Project. Optimization of the construction process of concrete dams through Artificial Intelligence. (SACYR)



Design of structural solution for false ceiling in the Mosque of Algiers with honeycomb panel, (TINO Natural Stone)

Comprehensive Project for the Tourist Adaptation of El Tranco. Solar-powered boat and dock with caissons walls. (Provincial Council of Jaen)



Some of our advanced services



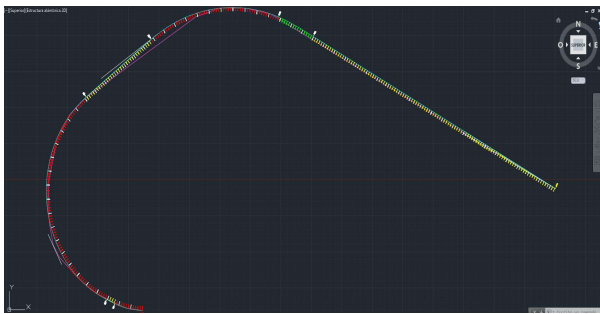
Concessional reorganization of the regular bus service by means of artificial intelligence. (Directorate-General for Mobility of the Regional Government of Andalusia)

TRAZA DE ALGORITMOS

Paso 1 Método exacto con reducción del campo de soluciones

SUMARIO

Situación Inicial		Situación propuesta		Porcentaje de mejora	
Coste Inicial:	958,36 €	Coste Final:	855,97 €	Coste	10,68 %
Número de autobuses:	3	Número de autobuses:	1	Número de autobuses:	-2
Número de expediciones:	8	Número de expediciones:	8	Número de expediciones:	+0
Kilómetros de servicio:	764,80	Kilómetros de servicio:	764,80	Mejora del servicio:	0,00 %



Poly2Axis. IA based design of application able to obtain route plan axis and longitudinal profile from a polyline, (Aplitop)

SOMMETRANT,
Software to
Obtain Sample
and Expanded
Matrices of
Regular
Transportation
and Allocation of
Tariff Cores
(Malaga
Transport
Consortium)



We also provide traditional consulting services



Feasibility Study for the Renewal of the High Water System and DWTP of the Rumblar Dam, (Provincial Council of Jaen)



Various projects in the City of Malaga for drainage and protection of stream banks, (Malaga Municipal Management Office for Urban Planning and EMASA).



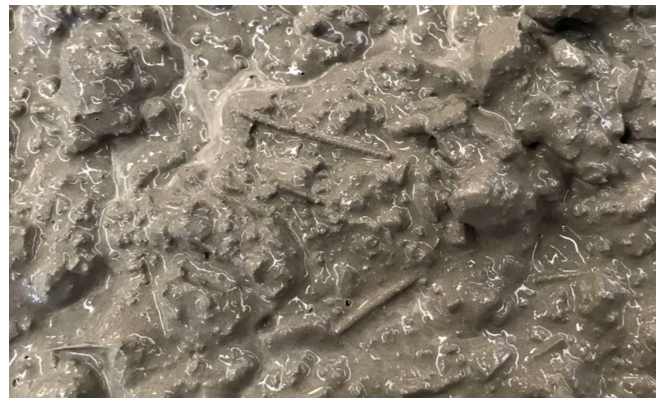
Technical Assistance to the Construction Management of the Collector in Molvizar, (Regional Government of Andalusia).



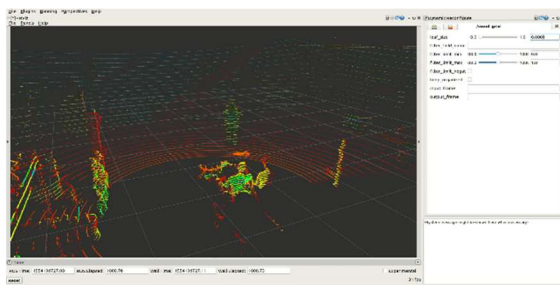
Some of our consortium projects



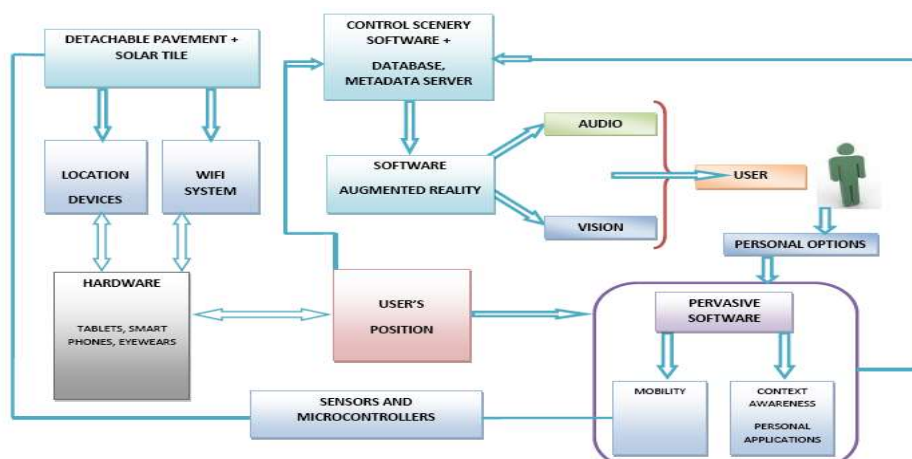
FINAICONST Project, (Natural Fibre for Industry and Construction).



CARCIS Project (Car Assisted with Radar, Cameras and Intelligent Sensors). AI Algorithms for level 4 autonomous driving.



PIE Project (Pervasive Intelligent Energy)



ARTIFICIAL INTELLIGENCE BASED SOFTWARE



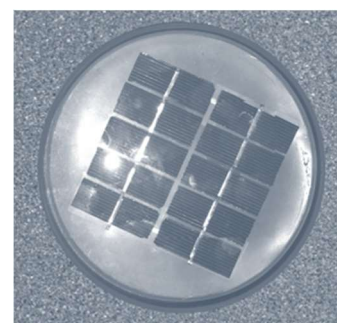
VVOS
VIRTUAL VISION ON SITE



DISCONTINUOUS STRUCTURES AND PAVEMENTS



SOLAR TILE AND INTELLIGENT SOLAR TILE



ARTIFICIAL INTELLIGENCE BASED SOFTWARE



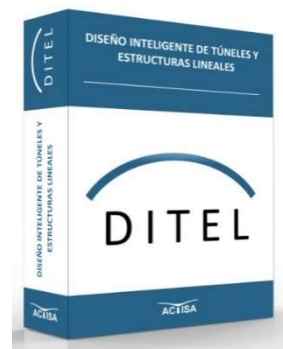
GELA, "Efficient Management of Bus Lines", allows the optimization of the operating costs of bus lines while suggesting an improvement of the service. It has been applied since 2015 in the optimization of concessions in Andalusia.

IRMAPP, Intelligent Route Management Application, is a system consisting of a mobile application available for Android and iOS that provides information on routes, real time alerts about transport networks and suggestions on car sharing, taxi sharing, transport and commercial information.



TADIL Road y TADIL Railway. This software allows to automatically obtain the design of linear infrastructures through calculations based on current legislation. It provides the plan axis, the longitudinal profile and the sections, costs, budget, earthwork balance, profitability results and multi-criteria evaluation. The profitability study allows the evaluation of the proposal taking into account public, private or even public-private investment. And all of this just in short time!!!

DITEL, Intelligent Design of Tunnels and Linear Structures, is the perfect complement to the TADIL software. It allows to complete geometric design of tunnels and viaducts considering different typologies, cross section, longitudinal profile and terrain.



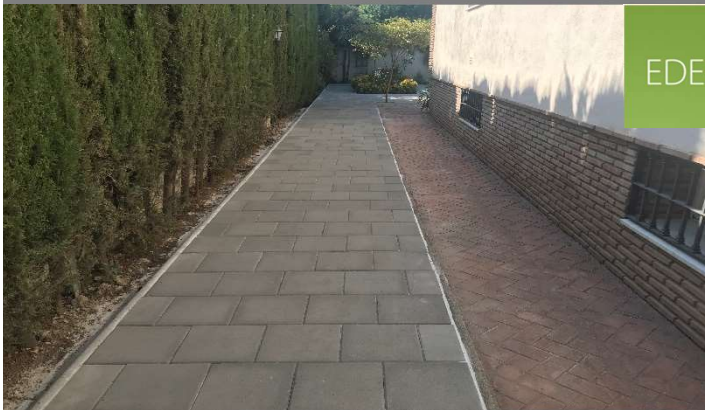
CADIOP. (Combined, Automatic Dynamic Indoor and Outdoor Positioning) and VVOS, (Virtual Vision On Site), allow to visualize geolocated virtual objects according to the user's location. In addition. In addition to displaying works in situ before their construction, they also allow the creation of audiovisual guides in monumental, museum and city environments.

DISCONTINUOUS STRUCTURES AND PAVEMENTS

IMB, INDUSTRIAL MODULAR BUILDING



DETACHABLE PAVEMENT IN SITU



CAISSONS WALLS



SLABS WITH NO FORMWORK

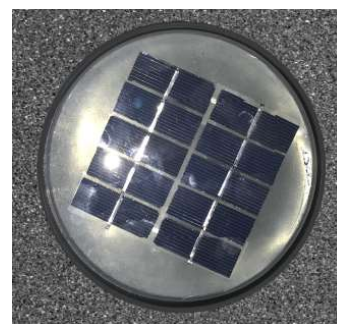


SOLAR TILE AND INTELLIGENT SOLAR TILE

SOLAR TILE

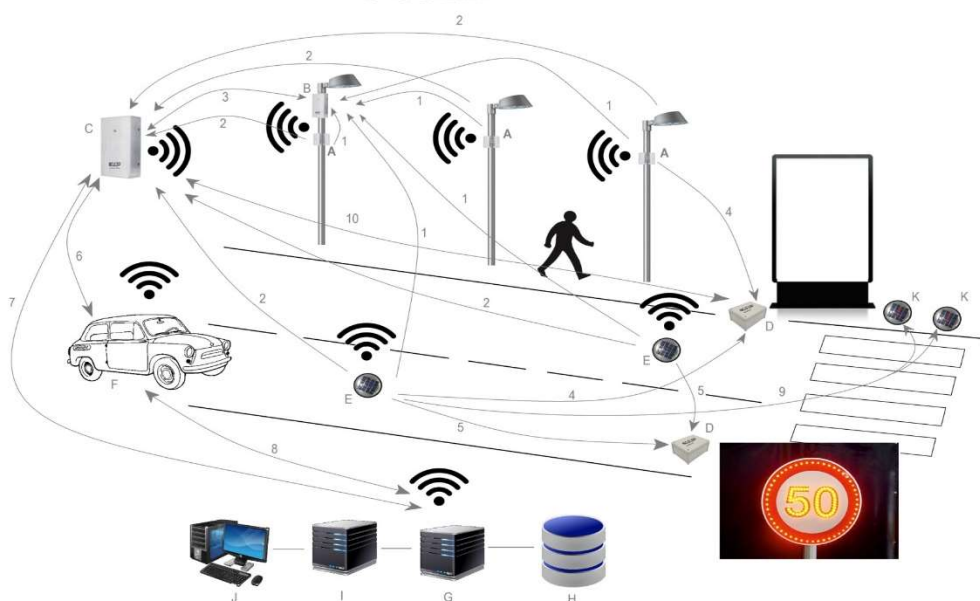


INTELLIGENT SOLAR TILE



OCULISP SYSTEM, (ONGOING)

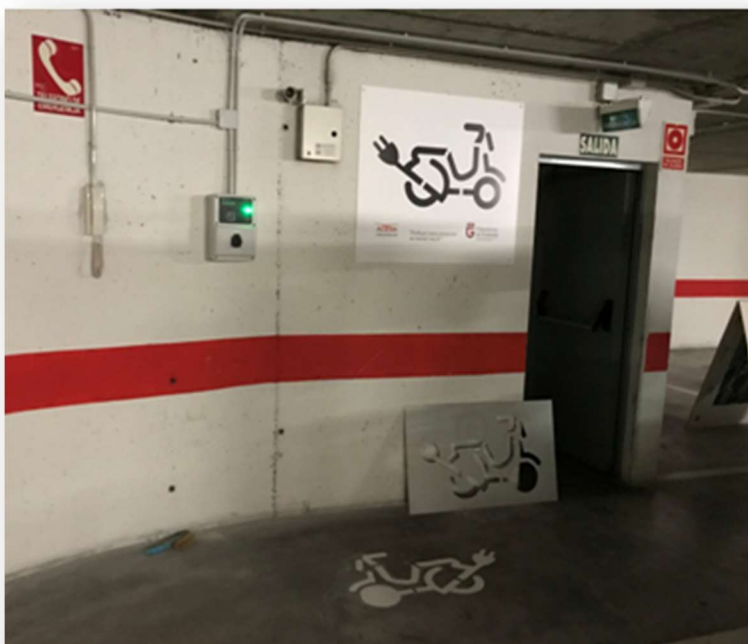
OCULISP



Lighting control,
Advertising signs,
illuminated signs and
vehicle-road connection



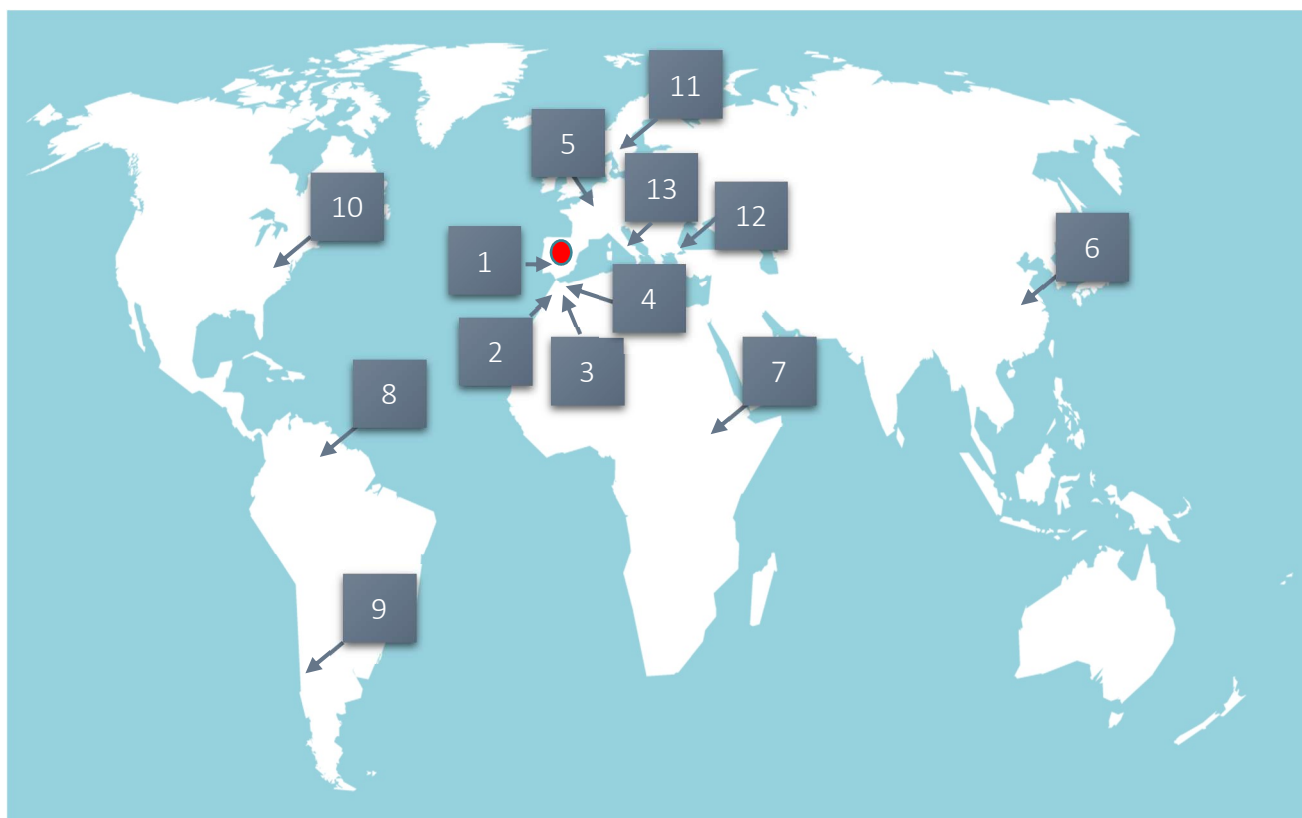
We have carried out the study and/or project of more than 200 electric vehicle chargers




We have completed the integral installation of multiple chargers for electric cars and motorcycles for different public and private organizations.

We have written the Electrical Mobility Plans of 3 municipalities in Spain and 3 in Portugal

- | | |
|--|---|
| <p>1 Portugal. Drafting of Electrical Mobility Plans for Silves, Loulé and Castro Marim</p> <p>3 Morocco. Preliminary study of the Ajdir Eco-Sustainable Urban Development</p> | <p>2 Morocco. Renewable Energy Workshop Spain- Morocco.</p> <p>4 Argelia. Design of structural solution with Honeycomb natural stone panel in the Mosque of Algiers</p> |
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- | | |
|--|---|
| <p>5 European Commission. H2020 Evaluation of Proposals</p> <p>7 South Sudan. Supply of Intelligent Solar Tiles to UNMISS</p> <p>9 Chile. Development of the INNOWWIDE Programme with Exportnet. Eureka</p> <p>11 Norway. Geovisual preliminary project. Magma Geopark</p> <p>13 Italy. Supply of Solar Tiles. Agreement with suppliers</p> | <p>6 China. Marketing Agreement of TADIL with CEPC</p> <p>8 Colombia. Application of TADIL to the Plamplona-Cúcuta and Rumichaca-Pasto roads</p> <p>10 United Nations. Supply of Intelligent Solar Tiles</p> <p>12 Romania. Development of the SME-Instrument Programme of TADIL & DITEL.</p> |
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 **Spain.** Headquarter. Main market

Prizes and awards



EUROPEAN AWARD FOR BUSINESS
MANAGEMENT AND INNOVATION

SACYR 2016 AWARD TO THE BEST
INFRASTRUCTURE AND SERVICES START-UP



AWARD FOR THE CREATION OF COMPANIES
IN THE PROVINCE OF GRANADA (SPAIN), 2013

THE EV CHARGING STATION INSTALLED IN
LA ZUBIA (GRANADA) WAS GRANTED WITH
THE AWARD FOR PROGRESS IN 2014



*Certificate delivered by the European Commission,
as the institution managing Horizon 2020,
the EU Framework Programme for Research and Innovation 2014-2020*

The project proposal 766882, TADIL and DITEL
TADIL and DITEL
Submitted under the Horizon 2020's SME instrument phase 2
call H2020-SMEInst-2016-2017 (H2020-SMEINST-2-2016-2017) of 18 January 2017
in the area of
Open Disruptive Innovation Scheme
by
ACTIVIDADES DE CONSULTORIA TECNICA,
INVESTIGACION Y DESARROLLO AVANZADO S.L.

EUROPEAN COMMISSION SEAL OF
EXCELLENCE FOR TADIL AND DITEL
PROJECTS

We are...



INNOVATIVE SME



GRANTED WITH THE EDECON SEAL FOR OUR DETACHABLE PAVEMENT

GOVERNED BY PLANS FOR GENDER EQUALITY AND HARASSMENT PREVENTION AT WORKPLACE



9001
ISO 14001

COMMITTED TO HIGH QUALITY STANDARDS AND HAVE QUALITY AND ENVIRONMENTAL MANAGEMENT PLANS ACCORDING TO ISO 9001 AND 14001

AUTODESK AUTHORISED CAD SOFTWARE DEVELOPERS



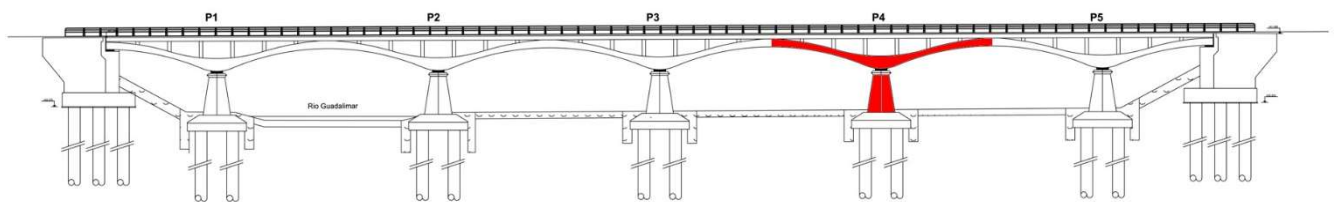
REGISTERED AS IOS AND ANDROID APPLICATION DEVELOPERS



WE BELONG TO THE RAILWAY INNOVATION HUB AND THE SMARTCITY CLUSTER

WE LOOK FORWARD TO BECOMING YOUR
INNOVATION PARTNER.

CONTACT US. WE'RE WAITING FOR YOU.



Actividades de Consultoría Técnica, Investigación y Servicios Avanzados S.L.



Actividades de Consultoría Técnica, Investigación y
Servicios Avanzados, S.L.

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