



eltic-Plus⁺

Smart Connected World



Celtic-Plus Event
Project Ideas and Networking
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< Integrating L-category Vehicles into Autonomous Traffic >

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Teaser

1 slide:

What is the main benefit of the idea/proposal?

Vertical Project between Automotive Telecom and
Automotive Producer/s

What makes the added value?

Light weight vehicles will become increasingly a
common feature of urban settings: user ITC-
demands will be similar to current vehicles

Why should I participate in the project?

Our team are design-innovators, but not strong in
ITC. This is a 'ground floor' opportunity etc.

Organisation Profile

We are a start-up, operating from a university
Innovation Centre in Western Turkey

Team = Innovator / Designer; Mechanical Engineer;
Industrial Designer; Electronics Engineer

Primarily interested in innovative, electro-
mechanical, personal mobility solutions for urban
settings. Have designed a '**solar-bike**' with
unlimited range.

Experienced (!)
Have successfully conducted other R&D projects



Proposal Introduction (1)

1 slide:

*Short info what the idea/proposal is about
(vision, motivation, content)*

L-category vehicles will become a common sight in an urban setting, both commercially and for personal mobility

Go Mekatronics is at the forefront of zero-emmission personal mobility solutions, which are by necessity electro-mechanical innovations.

We are skilled at L-category vehicle designs, but 'lack' Automotive Telecom / ICT skills.

Proposal Introduction (2)

1 slide:

Short info on expected outcome, impacts, schedule

The 'solar-bike-solution' is barely a mature idea: our 'augmented pedalling' combined with ultra-thin solar panels has only been developed this year.

We are planning to start build two prototypes after mid-year (which should not take more than 12 months to complete).

Given that our power-configuration absolutely overcomes major issues about battery-range for urban L-vehicles, it is fair to expect widespread (across Europe) uptake of the technology after testing / proving, etc.

Partners

1 slide:

Existing consortium, involved countries.

As this is a totally innovative design (but resulting from several years research): there is no consortium.

This is currently a technical collaboration between a start-up and university Technology Transfer Office based in Western Turkey (lots of sun ...)

Expertise, profiles and types of partners you are looking for.
We are looking for smaller European partners that are open to innovation, with skillsets in mechanical engineering (frame geometry), but primarily looking to collaborate with Automotive / ICT skills beyond the current scope of this start-up.

A vertical project in other words

Contact Info

For more information and for interest to participate please contact:



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