

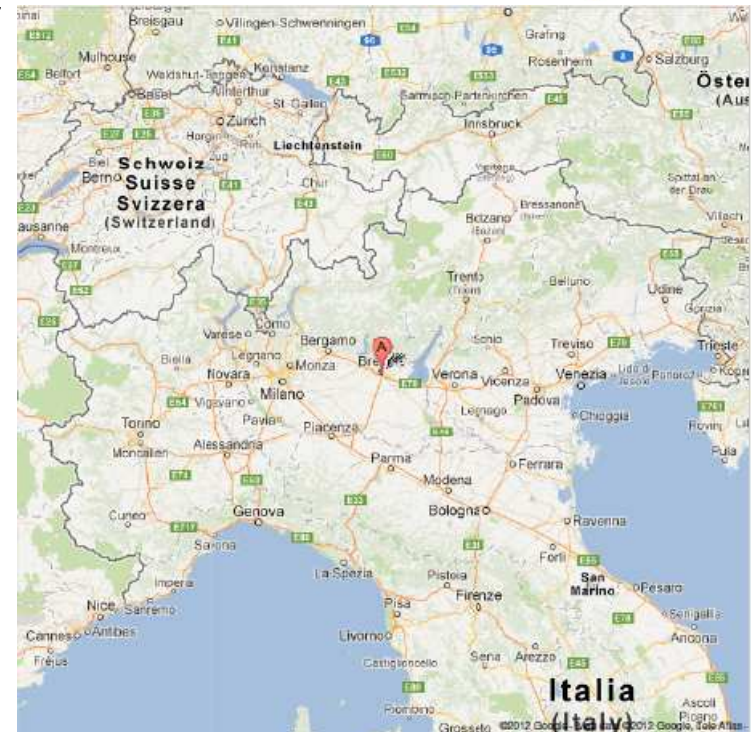
Transport Information Days

Brokerage event
18-19 July 2012



Dr. Angelo Mazzù

- Researcher and assistant professor
- Organisation: University of Brescia (Italian public academic institution)
- Department of Mechanical and Industrial Engineering
 - Mechanical design
 - Vehicles
 - Materials
 - Economics and management
 - ...



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<http://automotive.ing.unibs.it/>

<http://dimgruppi.ing.unibs.it/costruzioni/>

Partner profile



- Department expertise:
 - Vehicle design:
 - light vehicle and suspension design
 - failure analysis, FEM structural analysis and crash simulation
 - automotive testing
 - Design of electric and hybrid powertrains
 - Other: material testing and modelling, RCF testing
- Research infrastructure:
 - Four post bench for dynamic tests on vehicles
 - Testing machines for material characterisation
 - Other labs: robotics, thermodynamics, acoustics, RCF

Project Idea



FP7-SST-2013-RTD-1

GC.SST.2013-3: Future light urban vehicle

- **The “Euro Bee”**
 - A 3 wheels urban electric vehicle
 - Benefits in terms of weight, simplicity, dimensions
 - Modularity: transport of passengers, adaptable to freight delivery
 - Light frame through recyclable composites and aluminium
 - Possible existing partners:
 - University of Brescia: vehicle layout, frame design and optimisation
 - METRA s.p.a. (industry, I): aluminium components

Partnership request



- **Partnership sought:** coordinator, development of electronic systems for safety and electrical braking, material processing, business & economics
- **Expertise sought:** electronics, materials and product technology, transport, energy saving, coordination, cooperation, research, economic sciences
- **Roles sought:** project participant, project coordinator
- **Organisation types sought:** research, SME, industry, academic
- **Countries sought:** any eligible