

GID, Engineering Design Group

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Organisation profile

The Engineering Design Group (GID), belonging to the Universitat Jaume I of Castellon, establishing in 1997 with the aim of helping designers and engineers to achieve high efficiency in the design process and knowledge management.

As a research group in the area of engineering projects, GID provides alternative solutions to any company based on:

- Design Engineering
- Engineering Projects
- Ecodesign
- Risk Assessment
- Innovation

Since its inception GID has been intense research activity, highlighting: 21 article journal, 4 books, over 130 congress papers, 7 doctoral thesis, over 45 Projects R&D funded entities in competitive calls public or private; related to ecodesign, life cycle assessment (LCA), innovation and knowledge management.

Main Green Cars activities: Products and Projects

Weight reduction:

- LIGHTCARBONCARS: Reducing the environmental impact of cars through structural lightening carbon composites based on low cost without compromising safety and comfort (Ministry of Education and Science, Spain).

New Materials:

- Development of new thermoplastic materials with high added value from waste and / or ground equipment in the electrical and electronics sector (AIMPLAS, Spain).
- Life Cycle Assessment of materials biocomposites as an alternative to conventional plastics (Ministry of Environment - IMPIVA, Spain).
- Life Cycle Assessment of new materials biocomposites (Project DOLFINA - AIMPLAS, Spain).

Innovation and knowledge management:

FaBeS / Eco-Innova: integrated product eco-innovation in knowledge-based SMEs (Ministry of Education and Science, Spain).