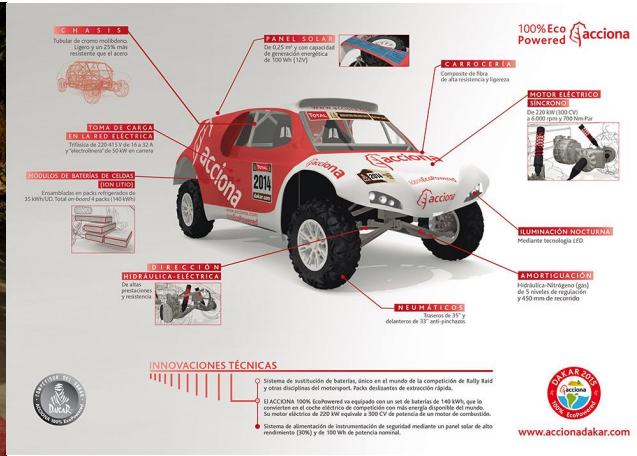


”THE FIRST ELECTRIC CAR ON THE DAKAR RALLY RAID”

Guest Lecture by Marcos Rupérez Cerqueda, founder and CEO of Quionne

Department of Energy Technology, Aalborg University, Denmark



Abstract

In 2014 Quionne was hired by Acciona, the project sponsor, to develop the first electric car on the Dakar rally raid. In this Guest Lecture, Marcos Rupérez Cerqueda, founder and CEO of Quionne and former student of the Department of Energy Technology, will elaborate on the design and assembly of the electric drive train, logistics during the race and his personal field experience at the Dakar rally raid 2015.

About the lecturer

- Industrial Engineer (Zaragoza University, Spain)
- M.Sc. Fuel Cells and Hydrogen Technology (Aalborg University, Denmark)
- Master on Business Administration (IE Business School)
- Corporate Finance Module (IE Business School)

Marcos Rupérez Cerqueda began his career as an expert in renewable energy within the research center of the Aragon Hydrogen Foundation. In the first years he was focus on R&D applied to fuel cell integration, contributing to projects like “Formula Zero”, an international fuel cell based kart racing project, achieving a second place worldwide in its class.

In 2010 he assumed the position of Head of New Projects in Aragon Hydrogen Foundation, designing renewable energy and hydrogen to private clients and exercising as a project manager for some of them. It is worth mentioning his technical responsibility in the project “ACCIONA 100% ECOPOWERED”. In which he has been responsible for design and construction of the energy system and electric drive of the first 100% renewable sailboat to circumnavigate the world solo sailing in the world's toughest race, the Vendee Globe (www.accionasailing.com).

In January 2014, he started his own company, Quionne. In Quionne they are doing competition products and systems. Their first successful engineering project is the first electric car that has taken the start of Dakar rally raid (www.accionadakar.es).

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