

## ENABLING THE MASSIVE DEVELOPMENT OF RENEWABLE ENERGY RESOURCES



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### ABSTRACT

The objectives of reducing greenhouse gases in Europe require in particular a major change in the methods of energy production and mobility. A significant development of variable renewable energies and a transformation of the vehicle fleet can help make these objectives tangible. In this public presentation, I offer to present some technologies and the opportunities offered by their association. High efficiency PV modules, and energy management including the opportunity of the development of electric vehicles.

**Alexandre Mignonac** is Ecole Nationale Supérieure des Arts et Métiers graduated (2001), specialisation "Renewable energies and their production systems". From 2002 to 2005, he has been in charge of the exploitation and the wind assessment activity at the French Society of Wind Turbines, near Paris. In this society, he worked on many topics of the industry of wind systems : validation of new sites, feasibility studies, auditing and financial evaluation, contracts with the wind turbine manufacturers, field logistics and maintenance, supervising of the wind farms, technical support and training of engineers. In 2006, he joined the company Sorgenia France (RENVICO France), Marseille, as a project manager for wind and solar facilities. He specialised in site acquisitions, in negotiations and in turn key projects. In 2013, he joined the research and development group on photovoltaic systems at CEATech Cadarache, and became its manager in 2016.

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