



RAFAEL ORTIZ CEBOLLA

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Rafael is a PhD industrial engineer working on hydrogen technologies since 2005. His work has addressed the whole hydrogen value chain, involving both experimental research and consulting activities. This experience has provided him with a good understanding on the techno-economic state-of-art, potential and challenges of the technologies comprising the hydrogen ecosystem.

Rafael has provided consulting services on overarching aspects of hydrogen technologies, such as regulations, codes and standards, funding programmes, safety and environmental impact, as well as consulting and engineering services supporting the implementation of hydrogen projects. He has also performed the review of European hydrogen projects and hydrogen funding programmes (FCH JU). He has also developed international regulations and standards related to hydrogen technologies and provide scientific support for the elaboration of European legislation regarding these technologies. Moreover, he has participated in international experts groups analysing regulatory and technical challenges on the integration of hydrogen technologies in different sectors.

Under DG JRC request, he is currently developing a tool to model and assess the costs of several hydrogen delivery pathways.