

# Curriculum Vitae

**VILLALMANZO RESUSTA, David-Ibán**

## **CURRENT POSITION**

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**Name of company**

**Job position**

ADIF (Administrador de Infraestructuras Ferroviarias) *Head of Area Strategic Analysis R+D+i*

## **PROFESSIONAL BACKGROUND**

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Civil Engineer graduated from the Technical University of Madrid (UPM) with more than 20 years of experience in the railway sector. He worked for FCC (*Fomento de Construcciones y Contratas*) and then joined RENFE in January 2002. Since 2005, he has been a member of ADIF (*Administrador de Infraestructuras Ferroviarias*) and has been part of its Management Structure since then, mostly specialising in Track Infra & Superstructure Design, Maintenance and Construction. He was designated as Deputy Director Track in 2015.

After a three-year stint (2017-2020) in Paris as Senior Advisor and Coordination Head of Infrastructure at the International Union of Railways (UIC), in July 2020 he rejoined ADIF in his current R+D+I job post. Currently, while working with ADIF, he's occupying the Chairmanship for the UIC TTI sector (formerly Train-Track Interaction). In parallel to his professional activity, he continues his PhD studies in Civil Engineering at the UPM, also completing different Master level studies about Transparency and Public Governance.

## **EDUCATION AND TRAININGS:**

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November 2020 – June 2021: ESADE Business School. Executive Program. Governance in the Public Sector (50 hours) in Madrid (Spain)

July 2019: ETCR Seminar on EU Transport and Railway Affairs in the College of Europe (100 hours) in Bruges (Belgium)

2007: Spaniard Society for Maintenance (*Asociación Española de Mantenimiento (AEM)*) (<http://www.aem.es>) ISCED 6: Certified expert in Maintenance Management according to EFNMS criteria (European Federation of National Maintenance Societies)

September 2007 – present: PhD studies in Civil Engineering (ISCED 8): Transportation in Technical University of Madrid (UPM) (*Universidad Politécnica de Madrid (www.upm.es)*). Still on-going, with a post-graduate diploma, only pending thesis lecture. Field: Railway track geometry degradation models

October 2006 – June 2007: ESADE Business School ([www.esade.edu](http://www.esade.edu)). Madrid (Spain). (ISCED 6). Executive Program Management Training: Financial management, operations management, project management and marketing (50 hours)

2004: *Fundación de los Ferrocarriles Españoles (FFE) / UCM (Universidad Complutense de Madrid)* ([www.ffe.es](http://www.ffe.es)). (ISCED 7). Ground transportation specialist program

September 2001 – June 2005: School of Economical Sciences. UNED ([www.uned.es](http://www.uned.es)). Unfinished studies (ISCED 7) on Microeconomics, macroeconomics, statistics, econometrics, public economics, applied economics

1999: Technical University of Madrid (UPM) (*Universidad Politécnica de Madrid*). Civil Engineering School (<http://www.caminos.upm.es>). Madrid (Spain)) (ISCED 7): Master's degree in Civil Engineering

## **EXTRAS:**

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Publications:

- “Earthworks and track bed construction for Railway Lines” – Revista de Obras Públicas (ROP) nº3627 March-April 2021  
<https://www.revistadeobraspublicas.com/experiencias/obras-de-tierra-ferroviarias/>
- “Rational criteria for settlement limits applied to ballastless track systems”. December 2016. 10th National Symposium on Geotechnical Engineering.  
<http://hdl.handle.net/10630/12584>
- “A computational procedure for prediction of ballasted track profile degradation under railway traffic loading” November 2016 Proceedings of the Institution of Mechanical Engineers Part F Journal of Rail and Rapid Transit (JRRT)  
<http://dx.doi.org/10.1177/0954409715615374>
- “Maintaining high-speed tracks on the Spanish network”, Global Railway Review. Issue 5. September 2014.  
<https://www.globalrailwayreview.com/article/74622/maintaining-high-speed-tracks-spain/>