

Crédits

Editing and coordination
of contents:

Ministry of Transport and Sustainable
Mobility.
Website:

www.transportes.gob.es

Contributors to this issue: Guillermo Condado Castaño; Antonio Muruais; Jose Menchén; Francisco Javier González Matesanz; Manuel Arana Burgos; Ignacio Martínez Pérez; Ana Lope Carvajal; Gonzalo Gómez Barquín; Marta Terrero Manzano; Javier Lozano López; Alberto Alcañiz Amat; Vanesa García Alcocer; Áurea Perucho Martínez; Ángel Montero Cabrera; Enrique Rollón Escudero; Oficialía Mayor; María Teresa Verdú Martínez; Álvaro José Fernández-Iruegas Pombo; Elena Limón García; Marta Vall-Iloserra Ferran; Miguel Ángel Carrillo Suárez; Germán Fernández Marín; Carlos Martín-Nieto González; and Francisco Gijón Romero.

Photography: Viceministry of Transport and Sustainable Mobility; Cabinet of the Viceministry; DGC; IGN; State Ports Authority; Aena; Adif; CEDEX; General Directorate of State Assets; Chief Clerk's Office; Ministry of Housing and Urban Agenda; INSST; Pexels and Shutterstock.

Drafting Committee: Chair: Rafael Guerra Posadas (Viceminister). Vice-Chair: Alejandra González Madrid (Technical Secretary General).

Members: Pere Rostoll Fernández (Director of Communication), Ainhoa Morondo Quintano (Director of the Cabinet of the Secretariat of State); Aida Joaquín Acosta (Chief of Cabinet of the Viceminister), Mónica Marín Díaz (Chief of Cabinet of the Secretariat General of Land Transport), Elena María Atance Herreros (Chief of Cabinet of the Secretariat General of Air and Maritime Transport).

Design and layout: Publications Centre.

Address: Nuevos Ministerios. Paseo de la Castellana, 67. 28071 Madrid. Tel.: 915 977 000. Subscriptions: M^a Ángeles Baltar Arnaiz: 915 977 260 & Estrella Benedito Culebras 915977814. e-mail: cpublic@mitma.es

Access to the digital publication and purchase of the magazine in print at Publications Centre - TRAMOS Magazine (mitma.gob.es)

And to the magazine's history at <https://www.mitma.es/el-ministerio/informacion-para-el-ciudadano/revista/listado-de-revistas>

Legal Dep: M-666-1958.

ISSN: 2792-4564.

ISSNe: 2792-4572.

NIPO: 196-24-091-9 &

NIPOe: 196-24-092-4

This publication does not automatically assume joint and several liability for the opinions expressed in the signed contributions.

This magazine is printed on FSC paper or equivalent

Contents

especial 2024



- 4** | **BIM in the economic, digital and sustainable policy agenda**
- 6** | **Implementing BIM in Public Procurement**
- 20** | **BIM and Public Procurement**
- 26** | **BIM Public Procurement Observatory**
- 38** | **Transforming transport infrastructure with BIM**
- 40** | **BIM in the National Road Network**
- 50** | **GIS-BIM. Synergy for efficiency and sustainability**
- 64** | **BIM in the Spanish State-owned Port System**
- 74** | **Managing Aena's airport infrastructure with BIM**
- 82** | **BIM Implementation within ADIF and ADIF Alta Velocidad**
- 92** | **BIM innovation at CEDEX**



GOBIERNO
DE ESPAÑA

MINISTERIO
DE TRANSPORTES
Y MOVILIDAD SOSTENIBLE



104 | Transforming building development with BIM

106 Promoting BIM from State Assets

116 Moving towards digital management with BIM in the Chief Clerk's Office of Ministry of Transports and Sustainable Mobility

124 BIM and digitalization as a vector of architectural quality



134 | BIM for people

136 BIM and the management of occupational hazards throughout the life cycle of a construction site

144 A vision of the future of AECO Professions



158 | BIM for the digital transformation

160 A Common Data Environment for the Public Administration