



Project co-funded
by the European Commission

FINAL CONFERENCE

MADRID, 10 DECEMBER 2015

Smart energy
for smarter railways

FFE HEADQUARTERS
CALLE DE SANTA ISABEL, 44

CONFERENCE MODERATORS: A DEMADONNA AND I DE KEYZER

08:45 Registration and welcome coffee

OPENING AND INTRODUCTION

09:30 Opening by MERLIN Project Coordinator
A DEMADONNA - UNIFE

09:45 Welcome by Representatives of Spanish Ministries of Public Works / Economy and
Competitiveness
TBC

09:55 Welcome speech by the European Commission
P MERCIER-HANDISYDE - EC

10:05 Welcome by UIC
M ANTONI - UIC

SESSION I

10:15 **A global view on MERLIN**
J GOIKOETXEA - CAF

10:30 **Strategic MERLIN methodology and process**
R PALACIN - NEWCASTLE UNIV.

10:45 **Operational MERLIN methodology and process**
V BAGLIANO - D'APPOLONIA

11:05 *Coffee Break*



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- 11:25 **Five MERLIN Case Scenarios as example of MERLIN benefits**
- Scenario 1: Energy Management Solutions to improve capacity of HS line Paris-Lyon (France)
SNCF / ALSTOM
- Scenario 2: Optimisation of Power Flow in 15kV 16.7Hz Systems (Sweden)
TRAFIKVERKET / SIEMENS
- Scenario 3: Reducing power peaks, consumption and costs in a suburban network (Spain)
ADIF / RENFE / CAF
- Scenario 4: Optimising Energy Usage on a mixed Traffic Line (UK)
NETWORK RAIL / NEWCASTLE UNIV.
- Scenario 5: Optimising Energy Infra and Management of a regional Line (UK)
NETWORK RAIL / ANSALDOSTS
- 13:05 **Recommendations for market uptake and implementation / Standardisation**
I GONZALEZ - FFE
- 13:20 **Questions & answers**
- 13:30 *Lunch*
- SESSION II**
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- 14:30 **Interactive session with participants**
- 15:45 **Conclusions**
- SESSION III**
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- 16:00 **Technical visits to ADIF Traffic and Energy Control Centres in Atocha station**
- 17:30 *Cocktail reception*

A MERLIN NETWORKING DINNER WILL BE ORGANIZED THE NIGHT BEFORE (9 DECEMBER)

► *Organisation*

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► *Venue*

FFE (Fundacion de los Ferrocarriles Espanoles)
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**SUSTAINABLE AND INTELLIGENT MANAGEMENT OF ENERGY
FOR SMARTER RAILWAY SYSTEMS IN EUROPE**

