



Sustainable and intelligent management of energy for smarter railway systems in Europe: an integrated optimization approach

D8.4 - Newsletter "MERLIN - Making Railway's Energy smart"

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Document status				
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2	24/07/2015			

Project co-funded by the European Commission within the Seven Framework Programme (2007-2013)				
Dissemination Level				
PU	Public	Х		
PP	Restricted to other programme participants (including the Commission Services)			
RE	Restricted to a group specified by the consortium (including the Commission Services)			
СО	Confidential, only for members of the consortium (including the Commission Services)			





Start date of project: 01/10/2012 Duration: 36 months





EXECUTIVE SUMMARY

This document describes D8.4 which has been delivered in the form of a project newsletter summarizing the main technical results achieved during the first two years of MERLIN.

The purpose of the newsletter is to raise awareness of the main activities undertaken by the MERLIN partners and increase the interest of the railway stakeholders towards the goals of the project. In this regard, the different articles cover all the active technical Work Packages in order to provide a global overview of the project. The choice of the pictures has been done by taking into account the content of the newsletter, while the colors and the layout have been selected on the basis of the project website in order to create a continuity between these two dissemination/communication tools.

The 1st MERLIN newsletter consist of ten pages which covers all the activities carried out during the first two years of the project. Background information and a short introduction to the project have been included in the front page to help the reader understand the context in which MERLIN was created.

MERLIN will release a second and final newsletter which will be released in time for the Final Conference which will take place on the 10th of December 2015 in Madrid. This document will contain the main final results which need to be disseminated among the wide spectrum of European stakeholders.





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08/07/2015

1. INTRODUCTION

The purpose of the 1st MERLIN newsletter is to raise awareness of the main activities undertaken by the MERLIN partners and increase the interest of the railway stakeholders towards the goals of the project. In this regard, the different articles cover all active technical Work Packages in order to provide a global overview of the project. The choice of the pictures has been done by taking into account the content of the newsletter, while the colors and the layout have been selected on the basis of the project website in order to create continuity between these two dissemination/communication tools.

Several partners have been involved in the realization of this publication but the most relevant contribution has been delivered by UNIFE and UIC (as author and co-author of the document) and by all the technical Work Package leaders, namely Ansaldo STS, D'Appolonia, ADIF, University of Newcastle, CAF and FFE.





2. STRUCTURE OF THE NEWSLETTER

The 1st MERLIN newsletter consist of ten pages which covers all the activities carried out during the first two years of the project. Background information and a short introduction to the project have been included in the front page to help the reader understand the context in which MERLIN was created.

Page Nr.	Content
Front page	MERLIN Background
Page 2	Blank
Page 3	What will MERLIN deliver? / MERLIN so far in a nutshell
Page 4	Railway network specifications (WP1)
Page 5	Reference Architecture for Smart Energy Use (WP2)
Page 6	Definition of Scenarios to be considered in MERLIN (WP3)
Page 7	Energy efficient components and energy management technological solutions (WP4)
Page 8	Energy management system development and validation (WP5) / Scenarios Evaluation & Proof of concept (WP6)
Page 9	Recommendations for market uptake and implementation & Standardisation (WP7)
Back page	Logos / Facts & figures / Contacts

Table 1 - MERLIN objectives on Page 3

Page 3 contains a very schematic and effective summary of the main goals of MERLIN on one side and, on the other, the results already achieved. Below the text, a figure showing the structure of the project has been included to guide the reader through the following articles focusing on each technical WP.





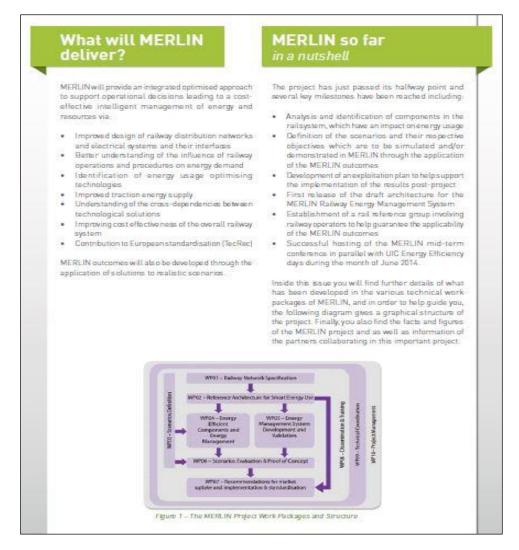


Fig 2 - MERLIN objectives on Page 3

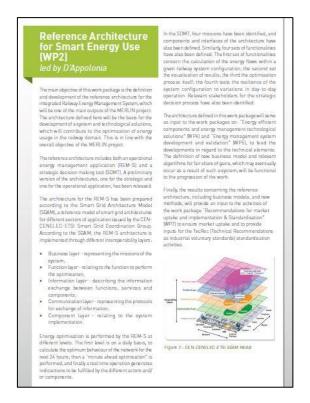
Pages 4 to 9 are focused on the main results achieved in the technical Work Packages 1 to 7 and the headings also display the Work Package Leader.

The main purpose of the articles is to give a clear vision, both written and visual, of the activities carried out and the main achievements.





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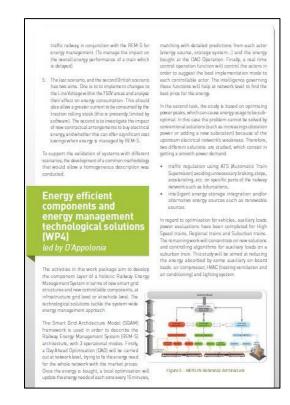


Fig 3 - Examples of articles focused on the technical achievements

The articles have been drafted using a simple language that can be easily understood both by technical experts and by the general public. The selection of pictures, then, has been done in accordance with the content of the articles to create clear links between the text and the figures.

The MERLIN website address <u>www.merlin-rail.eu</u> is displayed in the page footer in order to invite the reader to visit it and be updated on the last developments of the project.





The back page features general information on the project's consortium including the partners' logos, the EU Countries represented, facts and figures and the main contact details allowing readers to obtain more information on MERLIN.



Fig 4 - Back page

3. DISTRIBUTION AND NEXT ISSUES

The MERLIN newsletter has been distributed during all major events attended/organised by UNIFE and UIC as dissemination partners and by other MERLIN partners when they participated in EU-level events relevant to the project.

The Newsletters can also be downloaded from the News&Event page of the MERLIN website.

The next and final newsletter will be delivered in time for the Final Conference of MERLIN which will be organised on the 10th of December 2015 at FFE premises in Madrid.