

FOSTER RAIL

Future of Surface Transport Research Rail

Coordination and Support Action

Grant Agreement No 605734

Date of Annex I against which the assessment will be made: 23-05-2013

Deliverable D5.7

Internal platform communication

WP	5	Fostering innovation and partnerships: ERRAC and SHIFT ² RAIL
Task	5.1	ERRAC/SHIFT ² RAIL interfaces

Dissemination level¹	PU
Nature²	R

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¹ Dissemination level: **PU** = Public, **PP** = Restricted to other programme participants (including the JU), **RE** = Restricted to a group specified by the consortium (including the JU), **CO** = Confidential, only for members of the consortium (including the JU)

² Nature of the deliverable: **R** = Report, **P** = Prototype, **D** = Demonstrator, **O** = Other

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1. Executive Summary

FOSTER-RAIL is a EU coordination and support action project under the 7th Framework Programme designated to support ERRAC (European Rail Research Advisory Council) in defining research needs for their strategies and programmes in order to realise the objectives of the Europe 2020 strategy.

The Foster Rail Work Package 5 (WP5) “Fostering innovation and partnerships: ERRAC and SHIFT²RAIL” relies on the implementation of the proposed joint undertaking for research, development and innovation for rail (under the acronym: SHIFT²RAIL). One objective of the WP5 was to provide the tools for proper internal and external communication on SHIFT²RAIL future activities proposed.

An internal WP5 cooperation platform has been setup in order to share the different working documents, presentations and deliverables that could help the Joint Undertaking in the setup of its committee, working procedure and background material.

The subcontract CNC has been chosen due to its framework contract with UNIFE and long experience and professionalism with the creation of cooperation platforms

2. Description of Deliverable

The cooperation platform allows the storage and exchange of data between partners and would allow the JU to have access to this information database.

It can be access at the following address: <https://www.cooperationtool.eu/unife/home.aspx> and here below a screen-shot:

The screenshot displays the 'COOPERATION TOOL 4' web interface. The top navigation bar includes 'Dashboard', 'Members', 'Participants', 'Deliverables', 'Milestones', 'Documents', 'Meetings', 'Actions', 'Events', 'News', and 'Links'. The user is logged in as 'Furio Nicolas'. The main content area shows the 'DOCUMENTS' section for the 'SFR' project. A 'DOWNLOAD LIST' table is visible with columns for PROTOCOL, TITLE, CREATION DATE, TYPE, ACCESS, ATTACHMENT, and DOWNLOADS. The table contains 24 items.

PROTOCOL	TITLE	CREATION DATE	TYPE	ACCESS	ATTACHMENT	DOWNLOADS
SFR-DATA-T-UNI-001-01	Fosterrail_Table on potential ...	20/11/2014	T	user		0
SFR-MEET-H-UNI-006-01	SFR system approach	29/10/2014	I	user		0
SFR-UIC-H-UNI-004-01	Enabling the enablers - S1 ...	29/10/2014	I	user		0
SFR-PRERE-H-UNI-009-01	Letter on ERRAC Pre System an ...	29/10/2014	I	user		0
SFR-MEET-H-UNI-005-01	Pre requi groups	29/10/2014	I	user		0
SFR-MEET-H-UNI-004-01	20130704_FPRG_Presentation_Fin ...	29/10/2014	I	user		0
SFR-MEET-H-UNI-003-01	130611 - Sharpeloud-Delivering ...	29/10/2014	I	user		0
SFR-MEET-H-UNI-002-01	Fosterrail WP 5 2 kick off v2	29/10/2014	I	user		0
SFR-MEET-H-UNI-001-01	Presentation_2013.04.23-rev1	29/10/2014	I	user		0
SFR-PRERE-H-UNI-007-01	Fosterrail WP 5 2 Briefing not ...	29/10/2014	I	user		0
SFR-INPUT-T-UNI-005-01	ERRAC Req tool v4 Urban Suburb ...	29/10/2014	T	user		0
SFR-INPUT-T-UNI-004-01	ERRAC Req tool v4 Regional ...	29/10/2014	T	user		0
SFR-INPUT-T-UNI-003-01	ERRAC Req tool v4 HS - FS2	29/10/2014	T	user		0
SFR-INPUT-T-UNI-002-01	ERRAC Req tool v4 HS - FS	29/10/2014	T	user		1
SFR-INPUT-T-UNI-001-01	ERRAC Req tool v4 HS - THA	29/10/2014	T	user		0
SFR-UIC-T-UNI-003-01	Supporting Paper	29/10/2014	T	user		0
SFR-UIC-T-UNI-002-01	RTSEI04-02	29/10/2014	T	user		0
SFR-UIC-T-UNI-001-01	Challenges2050	29/10/2014	T	user		0
SFR-PRERE-T-UNI-006-01	system view	29/10/2014	T	user		0
SFR-PRERE-T-UNI-005-01	ERRAC Req tool v4 HSv2	29/10/2014	T	user		0
SFR-PRERE-T-UNI-004-01	ERRAC Req tool v4 Urban Suburb ...	29/10/2014	T	user		0
SFR-PRERE-T-UNI-003-01	ERRAC Req tool v4 Freight	29/10/2014	T	user		0
SFR-PRERE-T-UNI-002-01	ERRAC Req tool v4 Regional	29/10/2014	T	user		0
SFR-PRERE-T-UNI-001-01	ERRAC Req tool v4 HS	29/10/2014	T	user		0

In addition a specific support for the cooperation tool specific usage of SHIFT²RAIL has been asked to the subcontractor, chosen within a framework agreement with UNIFE.

Subcontractor description:

CNC is currently providing services and tools to European research project coordinated by UNIFE, the European Railway Industry association, hereinafter referred to as UNIFE, in order to support project management and internal communication between researchers. Such activity is regulated by the framework contract, in force between CNC and UNIFE.

UNIFE is currently coordinating the preparatory works of the SHIFT²RAIL Joint Undertaking in the rail research area in Europe. Such specific activity is supported by CNC as well. UNIFE is in addition the leader of Work Package 5 ("fostering innovation and partnerships: ERRAC and SHIFT²RAIL) of the project FOSTER RAIL, launched in May 2013.

CNC Centro Nuova Comunicazione s.r.l., hereinafter referred to as CNC, is a company active since 1984, located in Bologna - Italy. Its main goal is to provide solutions to "communication" issues, using up-to-date technologies and well proven methodologies. Main application areas involve distributed systems, Internet applications, railway applications, multimedia and telematic applications and more.

Since 1990, the company has been very active in the area of European Research projects (partially financed by the European Commission):

- ROSIN project (FP4-TAP-TR1045), started in 1996 and successfully finalised in June 1999,
- TrainCom project (FP5-IST-1999-20096), started in 2000 and successfully finalised in April 2004,
- EuRoMain (FP5-IST-2001- 34019), started in 2002 and successfully finalised in March 2005,
- InteGRail (FP6 – SST P.No. 012526), started in 2005 and successfully finalised in April 2009.

Starting from the TrainCom project, CNC developed a software product, the Cooperation Tool, which aims at improving collaboration between project researchers and supporting project management. The Cooperation Tool has been and is being used by many projects in FP6 and FP7.

On 14/09/2012, CNC and UNIFE signed a Service Contract edition 2 (replacing edition 1, in force since 17/02/2009), in order to have CNC supplying the Cooperation Tool and related services for all European research projects coordinated by UNIFE.

CNC people has a long experience related to standardisation activities, at national (CEI-UNI), European (CEN-CENELEC-ETSI) and international (IEC-ISO) level. Focus is on standardisation in the railway area, with activities in progress within several working groups, including:

- IEC TC9 WG43 related to the Train Communication Network
- IEC TC9 WG46 related to Multimedia and Telematic Applications for Railways
- CENELEC TC9X WG15 mirror group at European level of the two abovementioned groups
- IEC TC9 WG48 related to On board Driving Data Recording
- CENELEC TC9X WG11 related to energy measuring and saving

CNC experience includes cooperation activities with the European Commission (e.g. the Task Force on Telematic Applications in Rail), with ERA and with other organisations.

In addition to research, standardisation and regulation activities, CNC also developed in the past several products in the railway field.

In brief, CNC experience includes collaboration with railway industries, railway operators and notified bodies, as well as knowledge of project management methodologies and Internet technologies.