

# Seminář „Program TAČR DOPRAVA 2020+“

## Vazby mezi evropskými a národními programy podpory V&I na železnici (Shift2Rail a Transforming Europe's Rail System)



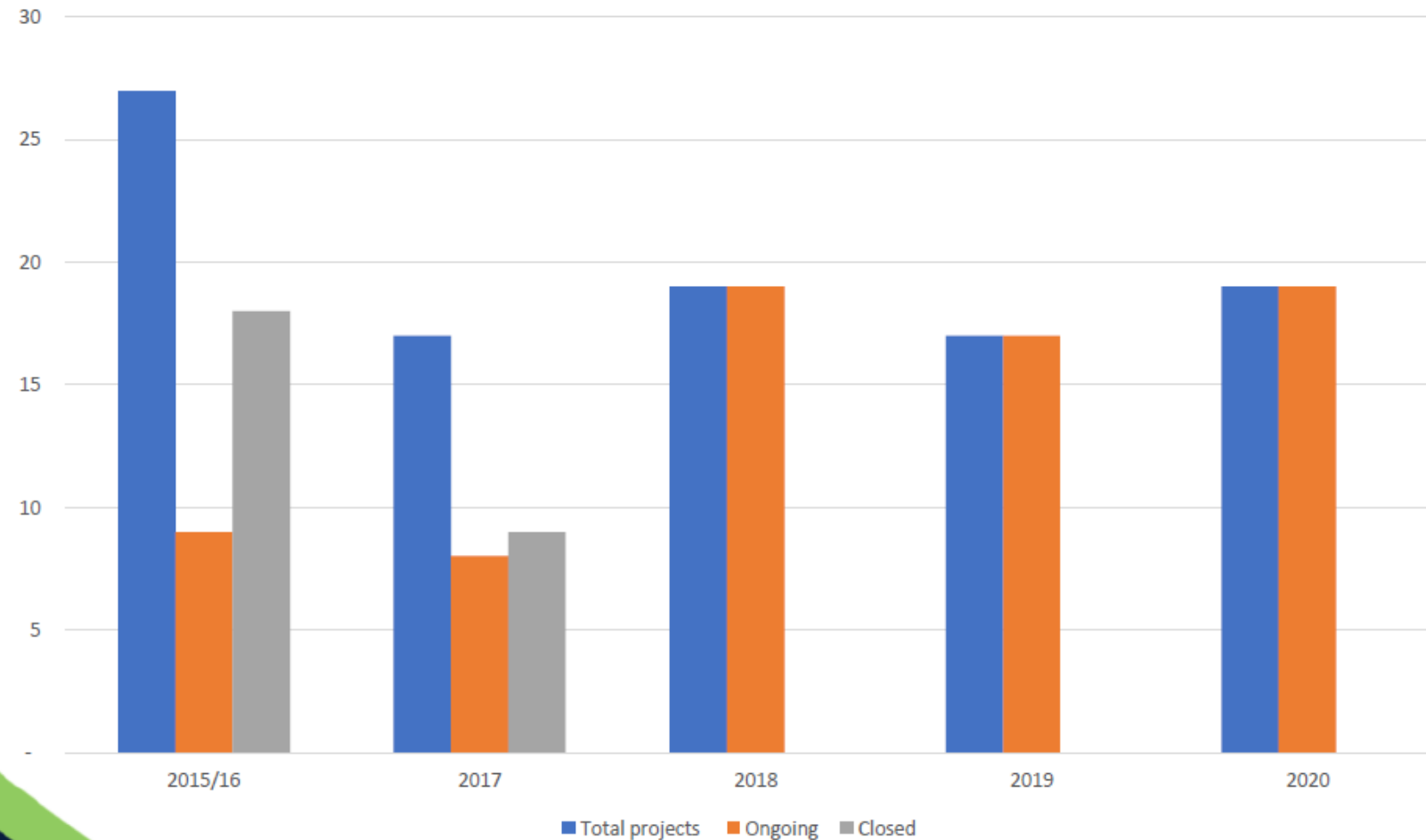
Miroslav Haltuf  
Shift2Rail JU States Representatives Group  
Member for the Czech Republic  
Vice-Chairman

[miroslav.haltuf@mdcr.cz](mailto:miroslav.haltuf@mdcr.cz)  
+420 724 001 958  
[www.shift2rail.org](http://www.shift2rail.org)

# S2R Programme dashboard

## Number of Projects

All Projects per call overview



S2R Programme all calls:

- 99 Projects
- 72 ongoing
- 27 closed

# 2021 S2R Activities

## January – February 2021

- 19 January 2021 - IP SteCo period
- Draft AWP 2022 preparation
- Ongoing discussions on S2R2
- 10 reviews/checks: 3 OC 2018 + 5 OC 2019 + 1 CFM 2018 + 1 CFM 2019 Projects
- 41 Specific Issue Reviews: 4 CFM 2017 (3 Projects) + 15 CFM 2018 (5 Projects) + 10 CFM 2019 (4 Projects) + 7 OC 2018 (7 Projects) + 5 OC 2019 (3 Projects)

## March – April 2021

- **23 March GB** (AAR 2020, Prov Annual Accounts 2020,...)
- 12 March DAC Supervisory Board Meeting
- 18 March – URID Meeting
- 23 March – IP SteCo period
- 21 reviews/checks: 1 OC 2017 + 4 OC 2018 + 1 OC 2019 + 1 CFM 2015-2016 + 4 CFM 2017 + 5 CFM 2018 + 5 CFM 2019 Projects
- 20 Specific Issue Reviews (ongoing): 2 CFM 2017 (2 Projects) + 9 CFM 2018 (6 Projects) + 4 CFM 2019 (3 Projects) + 3 OC 2018 (3 Projects) + 2 OC 2019 (2 Projects)

## May – July 2021

- **22 June 2021 GB** (Final Annual Accounts 2020, ...)
- Interim Payments 2020
- 7 June DAC Supervisory Board Meeting
- 23 June – IP SteCo period
- First draft AWP 2022
- 29 June – URID Meeting
- 3 reviews/checks: 1 OC 2018 + 1 CFM 2015-16 + 1 CFM 2018 Projects

## Sep – Oct 2021

- 21 September DAC Supervisory Board Meeting
- 21 September Closing Date Unique Train Prize
- 5 October – URID Meeting
- 19 October – IP SteCo period
- 8 reviews/checks: 2 OC 2018 + 5 OC 2018 + 1 CFM 2018 Projects

## Nov – Dec 2021

- **25 November - GB** (AWP 2022, S2R2, ...)
- S2R Innovation Days (TBC)
- Unique Train Prize Final Evaluation & Award (November/December)
- 13 December DAC Supervisory Board Meeting
- 1 review/check: 1 OC 2018 Project

# European DAC Delivery Programme



- More than 40 companies involved and more than 160 experts
- Test performed and still ongoing in Germany and Sweden
- Planning of deliverables adapted to the PB and SB meetings
- Coupler type selection process built with KO and basic requirements
- Initial consolidation of use cases provided
- Initial methodology on CBA by the EC
- Launch of S2R specific contracts for EDDP PM, WP1 Leader and LCC analysis on the 4 couplers type
- Areas of attention
  - Results from field tests and timing for specification development
  - Expertise on electrical and digital field
  - Migration plans progress



# HOP ON!



EUROPEAN YEAR  
OF RAIL 2021



TEN-T Days EYoR Train

Across Europe

Přesouvá se na  
září / říjen 2021

June 9 -  
July 14

Europalia Belgian Day

Brussels

Shift2Rail hackathon

Online

SIFER

Lille

Nov. 17

October  
(TBD)

Oct.  
26 - 28

2022

InnoTrans

TRA

WCRR

Rail Live!

Madrid

S2R Innovation Days &  
launch of Europe's Rail

Brussels

Nov. 30 -  
Dec. 1

Dec.  
9 - 10



# Shift2Rail Innovation Days 2021



- **Dates:** 9 – 10 December
- **Objectives:**
  - Large-scale dissemination of S2R project results bringing together a series of mid-term & final conferences for cost efficiency and bigger impact
  - Launch of Europe's Rail
- **Programme:**
  - High-level opening session
    - Exactly one year on from the launch of the Sustainable & Smart Mobility Strategy, what progress have we made?
    - What have we learned from the #EUYearofRail and how can we ensure its legacy?
    - What are the expectations for Europe's Rail and the biggest challenges we will face?
  - Parallel sessions promoting project results
  - International relations session
  - New technologies session
  - Pitch presentation from the winners of the S2R hackathon
  - Celebratory reception to launch Europe's Rail

## Upcoming Events (March - May 2021)



Event	Date
French-Czech Rail Day Conference 2021	25 March 2021
UNECE - workshop for consideration of physical climate change risks in transport planning and operational processes	26 March 2021
EYoR launch event under PT Presidency	29 March 2021
Shift2Rail ATO over ETCS Webinar	30 March 2021
RailTech Europe 2021	30 March - 1 April 2021
ERCI Webinar on ERRAC SRIA and future perspectives of rail research (part of the European Rail Systems Technology Week (#ERSTW))	14 April 2021
Plasser & Theurer Innovation Week	27 - 30 April 2021
Eurobrake Railways Day	19 May 2021
The Rise of IoT & Big Data in Rail	18 - 21 May 2021
International Expert Forum on Land Transport Safety	27 - 28 May 2021

## Upcoming Events (June – Sep. 2021)



Event	Date
TEN-T Days	9 June - 14 July 2021
UNIFE General Assembly	16 - 17 June 2021
R&I Days	23 – 24 June 2021
Scandinavian Rail Optimisation	22 – 24 June 2021
7th Railway Forum	7 - 8 September 2021
Digital Rail Revolution 2021	15 - 16 September 2021

## Upcoming Events (Oct. – Dec. 2021)



Event	Date
World Passenger Festival	5 - 6 October 2021
Alpine Rail Optimisation	6 October 2021
ITS World Congress	11 - 15 October 2021
S2R hackathon	Mid-October (Exact date TBC)
EYoR event in Vienna	18 October 2021
SIFER	26 - 28 October 2021
Hypermotion Dubai 2021	2 - 4 November 2021
Europalia Belgian Day (High-level session & Youth Jamboree & Career Fair)	17 November 2021
Smart Rail Congress 2021	22 - 24 November 2021
Rail Live Madrid	30 November - 1 December 2021
S2R Innovation Days & Launch of Europe's Rail	9 - 10 December
UITP 2021 Global Public Transport Summit	14 - 17 December 2021

## Preparation for 2022 major events



Event	Date	Location
World Congress on Railway Research (WCRR)	6-10 June 2022	Birmingham
InnoTrans	20-23 September 2022	Berlin
Transport Research Arena (TRA)	14-17 November 2022	Lisbon

IRFC 2022 Praha – [www.irfc.eu](http://www.irfc.eu)  
5.-7.10.2022 pod záštitou českého předsednictví EU

# SINGLE BASIC ACT

## ***Article 20 - States' Representatives Group***

**8. Where applicable, the states' representatives group shall also regularly report to the governing board, and act as an interface with the joint undertaking on the following matters:**

**(a) the status of relevant national or regional research and innovation programmes and identification of potential areas of cooperation, including concrete actions taken or envisaged for the deployment of relevant technologies and innovative solutions;**

**(b) specific measures taken at national level or regional level with regard to dissemination events, dedicated technical workshops and communication activities;**

**(c) specific measures at national or regional level with regard to deployment activities in relation to each respective initiative;**

**(d) national or regional policies and initiatives with the view to ensuring complementarities with regard to the joint undertaking's Strategic Research and Innovation Agenda and annual work programmes.**

“S2R.20.CEI.01: Call for expression of interest – Senior external experts to assist the Shift2Rail Joint Undertaking with high level support and advice in relation to the R&I activities” are the following: Andy Doherty, Jens Engelmann, Miroslav Haltuf, Mikael Korvi and Stefano Ricci.



**EUROPEAN GREEN DEAL:  
DECARBONISATION THROUGH SUSTAINABLE AND SMART MOBILITY**

EU policy priorities

**A Europe fit for the digital age:  
Shaping Europe's Digital Future**

**An economy that works for people:  
New Industrial Strategy**

**Europe in the world**

EU rail policy objectives

**SERA:  
interoperability +  
safety+ connectivity**

**Guaranteed inter-  
connected urban mobi-  
lity driven by citizens'**

**Passenger focused  
Customer experience,  
accessible mobility**

**Rail freight improved  
performance and  
competitiveness**

**Faster modernisation  
of the rail industry  
including deployment**

iPPP general objectives

**Integrated European  
transport networks**

Urban

SERA

**Deliver multimodality  
Connected and automated  
door to door mobility for  
citizens and freight users**

**Delivering European rail industry  
competitiveness Bridge the  
innovation "valley of death" through  
coordinating live, large-scale demos**

iPPP specific objectives

**Deliver a European Traffic  
Management Layer that  
would cover the specific  
needs of mainline and  
urban services/operations**

**Competitive green rail  
freight fully integrated  
into logistic chain**

**Achieve mobility  
on Demand**

**Deliver a sustainable,  
safe and resilient  
rail system**

**Bring into market  
new land guided  
transport solutions**

Děkuji za pozornost!