


HIGH SPEED PASSENGER
INTERNATIONAL CONFERENCE

Reporting

Scientific and Organising committees of the World High-Speed Congress met on 12 and 13 April 2018 in Ankara

All actors and stakeholders involved in high-speed rail will meet at the 10th World Congress and Exhibition organised by UIC and TCDD from 8 to 11 May 2018 in Ankara

The Scientific Committee and Organising Committees met in Ankara on 12 and 13 April 2018, at the kind invitation of TCDD.

UIC was represented by Marc Guigon, Director of UIC's Passenger Department, Hervé Aubert, Communications Department, and Michel Leboeuf, Advisor for High-Speed Rail. TCDD and CMS Project representatives also participated in the meetings.

The following points were discussed during the Scientific Committee meeting:

- ▶ Checking details of the confirmed VIPs/speakers/moderators who will participate in the congress
- ▶ Opening and closing ceremony scenarios have been adjusted taking into account the confirmed names of the speakers, to take timings for speeches into account
- ▶ Inauguration of the exhibition was organised
- ▶ The digital session was organised
- ▶ Awards for students was discussed, taking into account the names of the selected start-ups
- ▶ A special slot during the closing ceremony has been dedicated to the Universities Alliance, whose aims are to open and promote high-speed rail to the academic world and to boost research in high-speed rail
- ▶ Test and rehearsal of all typical sessions of the congress have been organised, to fine tune the way they will unfold. A special room has been equipped with all required equipment required for the simulation. Members from TCDD, CMS Project and UIC simulated the moderators and speakers of plenary sessions and parallel sessions.



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The following points were discussed during the Organising Committee meeting:

- ▶ Congress website
- ▶ Opening video: finalisation
- ▶ Point of registration
 - ▶ To register, follow the link: <http://app.ver.us/uic-highspeed2018> (<http://app.ver.us/uic-highspeed2018>)
 - ▶ All prices (registration, all inclusive packages) have been reduced for the last month of registration
- ▶ General programme, including training sessions for moderators
- ▶ Update on information received from speakers
- ▶ Logistical issues:
 - ▶ Welcome at the airport
 - ▶ At the congress centre
 - ▶ For welcome cocktail and gala dinner
- ▶ Content of the congress bag, including brochures
- ▶ Exhibition area, and UIC-TCDD common stand


AFRICA

Reporting Cooperation

Visit of CamRail delegation to UIC on 16 April 2018

On 16 April, the representatives of CamRail, Cameroun, Mr Dieudonné Gaibai, Director of Communications, Ethics and CSR and Director of Transport visited UIC. They met Mr Jean-Pierre Loubinoux and representatives of the UIC Africa Region and Communications departments.

The representatives of CamRail explained the current situation and main development strategies in Cameroun internal and international markets and an important East-West dynamic. They presented numerous expansion and growth projects and involvement of the investments of the World Bank, African Development Bank and other international investors.

UIC as the leading international railway organisation can offer its help to enhance CamRail's standards, documentation, competences and training in the areas of maintenance operations, safety and security. Numerous training sessions are organised each year by UIC and within the Africa Region programme in the shape of conferences, workshops and e-learning sessions.

The main priorities identified included the participation of CamRail in GRFC, Genoa, on 26-28 June 2018, various Safety and Security Conferences, such as the 4th UIC Security week on 18-21 June 2018, regular Asset Management events and Railway TALENT events including on-line training courses and the 4th networking and collaborative TALENT event in Berlin on 20 September 2018.

For further information please contact Thierry Bera, Finance Director and Coordinator of the UIC African Region:

bera@uic.org

Or Maria Lafont, Senior Advisor – Finance Projects and African Region:

lafont@uic.org

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(IMG/jpg/camrail.jpg)


SAFETY RAIL EVENT

Reporting

UIC participates in European Rail Safety Summit in Dubrovnik

Organised by the European Rail Agency (ERA) in collaboration with the European Commission, the European Rail Safety Summit took place in Dubrovnik from 10 - 12 April and was attended by over 150 people drawn from a cross-section of the European rail industry: RUs, IMs, NSAs, NIBs, lobby groups, manufacturers - and UIC.

The summit focused on safety culture and on the signature of the "European Railway Safety Culture Manifesto" by high-ranking personalities. <https://www.youtube.com/watch?v=3a0dsc4eU8o>



(IMG/png/rail_summit_1.png)



Mrs Tina Hughes
(IMG/png/tina_hughes.png)

- 3 technical visits
 - Ankara's station
 - Maintenance centre
 - Train trip to Konya

Do not hesitate to contact the following e-mail addresses:

To register: <http://app.ver.us/uic-highspeed2018> (<http://app.ver.us/uic-highspeed2018>)

For information concerning registration: registration@uic-highspeed2018.com

For information concerning accommodation: accommodation@uic-highspeed2018.com

The UIC-TCDD-CMS Project teams are looking forward to meeting you during the Congress in Ankara on 8 – 11 May.



(IMG/jpg/p1060682.jpg)

For further information please contact Marc Guigon, Director of the UIC Passenger Department:

guigon@uic.org

INFORMATION TECHNOLOGY

Reporting Cooperation

STANDARDISATION EAST-WEST RELATIONS

East-West Relations: IT and Coding – Cooperation and Standardisation within the APRA Region

UIC and OSJD expert exchange on IT and Coding

UIC and OSJD experts attended meetings of the OSJD Permanent Working Group on IT and Coding (PWG CI) held on 20 – 23 March 2018 in Vilnius.

On behalf of Jean-Pierre Loubinoux, UIC Director General, the UIC delegation gave assurance that the strategical visions of both organisations would be easily shared and achieved within the domains of IT and digitalisation.

Experts discussed the working plan for 2018 and took note of the results on the following topics of the agenda:

- State-of-the-art on updating the Joint OSJD / UIC Leaflet O 920-13.
- Updating the Regulations of the OSJD / UIC Joint Group on "Coding and Informatics".
- Update of OSJD and UIC Regulations on the management of company codes including its annexes.
- Update of the joint OSJD / UIC Leaflet O 917-5.
- Preparation for the 72nd meeting of the OSJD / UIC Joint Group on "Coding and Informatics".
- Tasks to be implemented further on the OSJD website.

Discussions were held under the following items:

Under item 1 of the agenda

The meeting was informed that the UIC representative sent on 17 October 2017 the coordinated information of Annex 7 (Coding of

[v=ZRpgKbtflL0&feature=youtu.be](https://www.youtube.com/watch?v=ZRpgKbtflL0&feature=youtu.be) (<https://www.youtube.com/watch?v=ZRpgKbtflL0&feature=youtu.be>)

The declaration is a commitment by rail-sector leaders in favour of the fundamental principles of a positive safety culture:

- Support and cooperation
- Questioning attitude
- Mutual respect
- Leadership in safety
- Efficiency and reliability
- Continual improvement of safety
- Positive safety culture

It is not a legally or contractually binding document but a personal undertaking by each leader to develop a positive safety culture in their respective organisations. As of 11 April 2018, 34 organisations had already signed the declaration.

In his introductory speech, ERA Executive Director Josef Doppelbauer reiterated that safety culture was the essence of the railways, since the two were what brought people together. Mr Doppelbauer added that there was a need for leadership and safety management to be developed jointly in order to foster a positive safety culture.

In her video message, European Transport Commissioner Violetta Bulc underscored the "major progress represented by integrating human and organisational factors", and indeed it is these Human and Organisational Factors principles that are applied in the pledge. Ms Bulc also warned those present to leave no one behind in the rail sector's advance towards a positive safety culture.

UIC Director-General Jean-Pierre Loubinoux also sent a video message containing an especially motivating message whereby he reiterated the importance of safety for UIC and mentioned various pieces of work on safety culture done by the UIC Safety Platform's Human Factors Working Group. Mr Loubinoux also stressed the conceptual importance of rule-based safety and managed safety, since "this alliance of two types of safety - rule-based and managed - will inevitably strengthen safety leadership, communication, and just culture."

Dr René Amalberti, who is an author as well as being Director of France's Foundation for an Industrial Safety Culture (Foncsi), then brilliantly explained the principle of variability in an individual's execution of tasks. He built on this by talking about the implications of this variability in managing an organisation.

Participants were particularly moved by the story of Mrs Tina Hughes, who described her journey to the heart of safety culture as a mother who lost her child in a level crossing accident. Tina has worked with Network Rail to improve the way that the company manages risks at level crossings and has spoken many times about her experience to audiences in Network Rail and the wider rail industry to encourage people to think differently about risks and safety at level crossings. (<http://www.level-crossings.com/main-menu/about-us.html> (<http://www.level-crossings.com/main-menu/about-us.html>))

The day continued with a speech by Keir Fitch, Head of Unit on Rail Safety and Interoperability at DG MOVE, in which he mentioned new technologies and safety culture in connection with just culture as key parts of rail-sector development. This was followed by a number of memorable presentations on safety culture in the petrochemicals and nuclear industries.

SNCF Safety Director and UIC Safety Platform Chairman Frédéric Delorme presented the various aspects of safety culture as applied at SNCF.

On the final day, Eurocontrol Head of Safety Unit Tony Licu opened proceedings by sharing his vision of a positive safety culture with participants.

The day continued with work in mini-groups and discussions of various topics in connection with positive safety culture. As well as addressing specific issues between sector partners, the mini-group discussions were an opportunity to share details of a root-cause investigation method, for example.

The summit closed by outlining a unanimously-shared ambition: "towards a positive safety culture".

For further information please contact Bernard Penners, Manager UIC Safety Unit:

penners@uic.org (http://com/uic-e-news/594/?var_mode=calcul&mc_cid=182a8c930c&mc_eid=02358c8c6b#)

accompanying documents), Part III of the Joint OSJD / UIC Leaflet O 920-13 to the UIC IT Study group "Unified coding and the structure of the data required in the international cargo message". The leading performer [ZSKK CARGO] presented a non-paper material containing the updated draft Leaflet O 920-13 which includes:

- Addition of the data in Annex 3, "Sender's applications", Annex 6 "Carrier's applications" of Part III linked to amendments to Annex 1 to the SMGS (Section II, paragraph 8);
- Updated Annex 7 of Part III "Codes of accompanying documents" based on the results of code synchronisation with the UIC version. Resulting from review, it was proposed to supplement the data of Appendix 3 and Annex 6 of Part III with the information of Annex 6 to the SMGS "Manual on CIM / SMGS Consignment".

The leading performer (ZSKK CARGO) is supposed to complete tasks:

- To finalise the draft of Leaflet O 920-13 by the end of March 2018;
- To summarise suggestions and comments of working group experts and present the consolidated version of Leaflet O 920-13 to UIC IT Study group meeting on 11 April 2018.

Under item 2 of the agenda

The meeting was introduced with the draft "Regulations of the OSJD / UIC Joint Group on Coding and Informatics".

The non-paper material was uploaded to the internal portal of the OSJD website by the leading performer [PJSC "Ukrzaliznytsia"] who commented on the draft Regulation.

Leading performers JSC Russian Railways and Ukrzaliznytsia are supposed to submit a consolidated draft Regulation to the 72nd meeting of the OSJD / UIC Joint Group on "Coding and Informatics".

Under item 3 of the agenda

The meetings were informed of the state of play of the project "OSJD and UIC regulations on the management of company codes" including its annexes.

The non-paper material was uploaded to the internal portal of the OSJD website by the leading performer PJSC "Ukrzaliznytsia" who together with UIC (Ms. Maria Lafont) are supposed to prepare a consolidated version of the "OSJD and UIC regulations on the management of company codes" and submit it to the next meeting of OSJD / UIC Joint Group on "Coding and Informatics".

Under item 4 of the agenda

The meeting was introduced with the status of the draft of Joint OSJD / UIC Leaflet O 917-5 "Hermes System". On 15 January 2018 OSJD received from the UIC (Mr Patrick Mantell) the new draft version of the Leaflet developed by the UIC expert group which has been distributed among OSJD railways using the Hermes System: CJSC MAV, PKP, JSC RZD, JSR, CJSC Rail Cargo Hungaria and PJSC Ukrzaliznytsya.

The non-paper material (draft of the Leaflet) was uploaded to the internal portal of the OSJD website by the leading performer.

Since there were no comments from the railways using the "Hermes System" it is therefore advisable to the 72nd meeting of the OSJD / UIC Joint Group on "Coding and Informatics" to agree and accept the final version of Leaflet O 917-5.

Under item 5 of the agenda

UIC's representative explained to the meeting about the preparation (non-paper materials) for the 72nd meeting of the Joint OSJD / UIC Group on "Coding and Informatics" scheduled for 30 - 31 May 2018 in Brussels.

The participants:

- Agreed on the Draft Provisional Agenda;
- Took note of the information given by the UIC representative about the preparation of the seminar on TAF / TAP TSI to be combined with the 72nd meeting of the OSJD / UIC Joint Group "Coding and Informatics".

Under item 6 of the agenda

The modernisation of the OSJD external website by the management company In-Ex LLC was been assessed and discussed. The meeting provided the In-Ex LLC company with clarifications and recommendations, without which the project was not able to be launched.

The meeting decided:

- To ask the In-Ex LLC company to begin the design work for the modernisation of the OSJD website in accordance with the schedule.
- It is inadvisable to upload documents in the format of an html-page consisting of hyperlinks to international standards.
- The meeting asked to analyse with the In-Ex LLC experts the possibility of implementing distributed access to documents on the OSJD website.

RESEARCH DIGITAL SURVEY Products & Services Promoting
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Survey on digital learning in the railways

Are you a rail education or training provider? Are you interested in eLearning? If the answer is double Yes, we would like to hear from you.

Remaining relevant to learners and meeting students' course expectations are key challenges for traditional education providers, ever increasingly grappling with how to stay agile as technology constantly evolves. eLearning is one way higher education and vocational education providers can reach wider markets in a flexible manner by offering components of their courses online to learners.



(IMG/png/e-learning.png)

In the last few years, we have seen the rise of MOOCs (Massive Open Online Courses) as an entry point or marketing strategy to attract potential students to learning institutions. A recent, yet noticeable trend relates to Higher Education providers collaborating with online course providers such as Udemy, Coursera, EdX and other global eLearning platforms to develop interesting courses that contribute credits to full qualification courses as a way of reaching global audiences.

In a scan of rail specific courses offered by global institutions, the limited use of eLearning is noticeable, especially in engineering focused offerings. While many disciplines, especially education and health, have incorporated eLearning into their learning methodologies, the global rail industry has been slow to incorporate eLearning when compared to other sectors.

A research project conducted by researchers involved in the Global Network of Railway Universities (RailUniNet) and supported by UIC aims to investigate barriers to digital learning in rail, as perceived by rail education and training providers, and aims to give a set of potential solutions to overcome them.

These solutions could assist future course providers when preparing digital learning in rail for clients from both academia and industry. The project will also suggest a number of actions (a check list) for transport decision makers when considering upgrading rail staff skills using digital learning tools.

The researchers invite rail education and training providers to participate in contributing their ideas to the study by following the link: [goo.gl/rc6N11](https://www.uic.org/com/IMG/pdf/barriers_to_digital_learning_in_rail_flyer_03). The survey is open from 9 April to 14 May 2018:

https://www.uic.org/com/IMG/pdf/barriers_to_digital_learning_in_rail_flyer_03
(https://www.uic.org/com/IMG/pdf/barriers_to_digital_learning_in_rail_flyer_03):

For further information please contact:

Dr Anna Fraszczyk, Mahidol University: anna.fra@mahidol.ac.th
Dr Janene Piip, JP Research & Consulting: janenepiip@gmail.com

Contact at UIC: Nathalie Amirault, Head of Expertise Development Unit, amirault@uic.org

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SIGNALLING WORKSHOP Promoting
TELECOMMUNICATIONS ASIA PACIFIC

Don't forget to register for the 5th UIC Asia-Pacific Control-Command, Signalling & Telecoms Workshop from 3 - 4 May 2018 in Sydney, Australia

Registration: <https://events.uic.org/5th-uic-asia-pacific-control-command-signalling-and-telecommunications-workshop>

For further information please contact Vytautas Kinderis, Standardisation and East/West Relations Coordinator:

kinderis@uic.org

PHOTO COMPETITION ASIA PACIFIC Promoting

4th UIC Asia-Pacific Photo Contest on "Railway is an integral part of the national landscape"

Following the success of the 3rd edition, UIC is organising for the fourth time a photo contest for the UIC Asia-Pacific members.

Prizes will be awarded to the best, most attractive or most amazing pictures on the topic of "Railway is an integral part of the national landscape", to be voted by 4000 e-News readers.

A calendar will be printed for the year 2019 with the twelve best photos.

The gallery will be published in the UIC e-News on 19 June 2018 for the voting process.

The award ceremony for the photo contest will take place at the next UIC Asia-Pacific Regional Assembly in November 2018.

Do not hesitate to apply and send your format-free and copyright-free material with the participation form completed (form enclosed) to segeral@uic.org by 21 May 2018.

Looking forward for your participation!

For any further information, please contact Mrs Béatrice Ségéral, Senior Advisor, Institutional Relations & Asia-Pacific Region:

segeral@uic.org



(IMG/jpg/bandeau_4th_uic_asia_pacific_photo_contest.jpg)



(https://events.uic.org/5th-uic-asia-pacific-control-command-signalling-and-telecommunications-workshop)

UIC is pleased to invite you to the 5th UIC Asia-Pacific Workshop on Control Command Signalling and Telecoms (CCS&Tlc) which will take place in Sydney (Australia), hosted by Transport for New South Wales (TfNSW), from 3 – 4 May 2018.

Since 2007, the UIC Asia Regional Assembly has focused on CCS and Telecommunications Development Technologies, integrated into the broader UIC strategy to achieve a harmonised Traffic Management and Control-Command and Signalling system.

The workshop aims to provide both an understanding of leading technologies and a base for core system requirements for railways worldwide.

The event will be organised around the six following technical sessions:

- Signalling Session 1: Optimal modelling and safety assessment of Signalling Systems, via standardised methods and languages
- Signalling Session 2: Cybersecurity
- Signalling Session 3: Train Control and future trends
- Telecom Session 1: The regulatory contexts and migration strategies toward future technologies
- Telecom Session 2: The Future Railway Mobile Communication System and other main radio development projects
- Telecom Session 3: The suppliers' view on products and applications for safety and security

We look forward to welcoming you in Sydney!

Also, please note that the workshop will follow the even bigger CORE Conference 2018 in which Mr Loubinoux, UIC Director General, will be present as keynote speaker. You can find more by clicking here: <http://www.core2018.org/> (<http://www.core2018.org/>)

For any further information, please contact Mrs Béatrice Ségéral, Senior Advisor

Institutional Relations & Asia-Pacific Region:

segeral@uic.org

PHOTO COMPETITION Promoting News from UIC members

Spain: "Caminos de Hierro" 29th Photo Contest

The Spanish Railways Foundation is inviting entries for the 29th "Caminos de Hierro" Photo Contest, to encourage creativity in all aspects of the railways.

1. Entrants and number of works. Each entrant may submit a maximum of three photographs or one photographic series. The works shall be related to the world of the railways. The photographs must be unpublished and submitted by the author.

2. Preselection. Entries shall be submitted until 29 May 2018 in digital format on the website: www.caminosdehierro.es (<http://www.caminosdehierro.es>) (jpg, maximum 1.5 MB). Photographic series shall comprise among three, four or five photographs, and must be included in only one file.

There will be a maximum preselection of 150 photographs (singles and photographic series), that can take part of exhibitions in digital format.

3. Selection. These preselected photos must be submitted in paper form in order to have the option to be selected and awarded. Individual photographs may be printed on paper measuring a minimum size of 24x30 cm and a maximum size of 40x60 cm. For the photographic series the maximum size is 90x45 cm (horizontal or vertical).



© FFE (IMG/jpg/29ch-bases-digital-portada-ingles.jpg)

MIDDLE EAST News from UIC members

Iran: The second international rail tour of Iran will end on 20 April 2018

The second international rail tour of Iran in the name of "The Heart of Iran" started its work with a warm welcome by European and Asian tourists and in coordination with Iranian Railways on 9 April.

There are 27 foreign tourists from US, Britain, Ireland, South Africa and some Asian countries on this tour who are supposed to visit Tehran, Mashahd, Raien, Kerman, Yazd, Isfahan, Shiraz, Kashan, Qom, Arak, Shoushtar, Shoush and Veresk, according to Mohammad Moheb Khodaei, the Tourist Deputy of the Cultural Heritage, Handicrafts and Tourist Organisation of Iran.

This journey will end on 20 April and is mostly done by rail. There are 33 train crew members who are accompanying the tourists to provide on-board services. The tourists will continue their journey on the Russian Golden Eagle lux train which provides services such as booking five-star accommodation for them.

It has to be mentioned that the first rail tour of Iran in the name of "The Silk Road" started on 3 April in the presence of 38 tourists from Canada, Denmark, Britain, Australia, Italy, Singapore, Peru and Malaysia.

(Source: RAI)



© RAI (IMG/jpg/golden_eagle.jpg)

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The final selection will include 60 photos, to be published in a catalogue and to be exhibited in spaces defined by the Foundation. The authors of non-selected works may collect them at the Spanish Railways Foundation from 1 September to 30 November 2018. The contestants who do not live in Madrid may request the return in the same period.

4. Prizes. First Prize: 4,000 € · Second Prize: 2,000 € · Young Photographer's Prize: 1,200 € · Four Accessits: 300 € each. Contestants aged 25 (in 2018) or younger may compete for the Young Photographer's Prize. Each author may only receive a single prize, although several of his works may be selected. No prize shall be declared void. All prizes shall be subject to the deductions provided for in the current tax legislation.

The decision prizes awarded in the contest will take place in September 2018.

5. Jury. The Foundation will appoint a Preliminary Committee for preselection and selection of photos and the Jury will be empowered to select the winning photos. The Jury's decision shall be final.

6. Awarded photographs will become property of the Spanish Railways Foundation to promote exhibitions, editions or dissemination. Authors of awarded and selected photos will transfer copyrights to the Spanish Railways Foundation for printing, exhibition and dissemination, including always the name of the author.

The organisation shall take the greatest care in preserving and returning the photographs, but shall not be liable for any possible loss, theft or damage.

The personal data of the contestants will be included in a database belonging to Spanish Railways Foundation, for dissemination purpose related with this contest. All the participants have the right to access, to correct and to request cancellation of their personal data by contacting: Fundación de los Ferrocarriles Españoles (Santa Isabel 44, E-28012 Madrid, Spain, cultura@ffe.es).

The organisation is entitled to resolve any eventuality not envisaged in these rules.

Participation in this competition implies full acceptance of these Rules.

(Source: FFE)

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EUROPE

News from UIC members

Finland: FTA's traffic control functions to be transferred to a new state-owned company with a special assignment



The Government proposes that the current traffic control and management services by the Finnish Transport Agency be incorporated into a limited liability company and the functions be transferred to a new state-owned company with a special assignment. The Government submitted a legislative proposal on the matter to Parliament on 5 April 2018. The proposed act is scheduled to enter into force on 1 January 2019.

The new special assignment company is to ensure safety and smooth flow of maritime, railway and road traffic and to provide services related to traffic control.

The aim of the new company is to promote the utilisation of traffic control data in support of the development of new digital services. It also aims to promote new business, improve the digital business environment for traffic and boost the growth of the Finnish transport market. The corporatisation will enhance the economic efficiency and effectiveness of the traffic control functions and increase the transparency of pricing and the operations. A further aim is to provide better conditions for customer-oriented operations and ensure improved services tailored to meet the customer needs. The reform will also clarify the contents of the official duties in the transport and communications sectors.

The traffic control company will be especially assigned to provide vessel traffic services and railway and road traffic control services to safety authorities to the extent necessary for the authorities to carry out their

EUROPE

News from UIC members

Norway: World record set for mobile network in a tunnel



©: Øystein Grue (IMG/jpg/photo_bane_nor.jpg)

The mobile operators Telia and Telenor with Bane NOR have set a world record. With 560 megabits per second future train passengers can enjoy a high speed mobile network on their journey, also on routes with many travellers.

The mobile network in old rail tunnels does not meet the needs of today's passengers in terms of mobile data. On trains with many passengers, it is difficult these days to get good network coverage. Therefore, the Norwegian Ministry of Transport and Communications has allocated funds to improve capacity and increase the transmission rate of mobile telephony in tunnels.

"Telia, in cooperation with Bane NOR the Follo Line project, has developed a pilot to show how this can be solved by technology that provides high speed and can be used in all rail tunnels", said Dag Wigum, Technical Director of Telia Norway.

The need for speed

Together, Telia, Telenor and Bane NOR have built 4G + which in this case equals 1800MHz and 2600 MHz.

"It provides capacity and speed in the network that will meet passenger needs in order to e.g. work, download films, listen to music or read up on news", explained Wigum.

Building a high-speed mobile network was a central discussion in the development of the Follo Line. The Follo Line, which opens in 2021, contains a 20 km railway tunnel with two separate tubes, between Oslo Central Station and Ski Station. The double track will cover the need for increased capacity for train passengers travelling south-east from Oslo. Project Director in the Follo Line, Per David Borenstein, is very pleased with what Telia, Telenor and Bane NOR have achieved.

"This is impressive work and Bane NOR are looking forward to offering a high-speed mobile network to our future train passengers. Now we are building a mobile facility with a capacity that will provide good, stable and satisfactory mobile coverage for the many train passengers inside the long tunnel on the Follo Line", said the Project Director.

A world record in a tunnel

The world record was set in an old road tunnel in Holmestrand, Norway, where a test facility was installed. The test installation was built in collaboration by Bane NOR the Follo Line Project, Telia, Telenor and RFS. The measurements during the technical test came in at a total of 580 megabits per second, which is a world record in high-speed network in a tunnel. Inside the tunnel, four radiating cables was installed and connected to a radio transmitter with 4G 4x4 MIMO setup, instead of traditional one radiating cable. As far as we know, this has never been done before in a full-scale tunnel. In addition, modern trains in Norway today will be equipped with 4G repeaters, which makes the signal reception on the train much better and thus improve the user experience.

(Source: Bane NOR)

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EUROPE

News from UIC members

Sweden: Future secure for Granudden through new



^ (/com/uic-e-news/594/?var_mode=calcul&mc_cid=182a8c930c&mc_eid=02558c8c6b#)

statutory duties.

Transport Agency personnel who are working in traffic control and management on 31 December 2018, and their tasks, will be transferred to the new company. This will take place on 1 January 2019, and it will be carried out in accordance with transfer-of-business principles and the personnel will be employed under a contractual employment relationship.

Preparations for the corporatisation have been carried out according to the project decision on the reform of the agencies within the administrative branch of the Ministry of Transport and Communications. The preparations have been made in close cooperation with the defence and safety authorities. The views of private operators in the transport sector have also been considered.

On 13 June 2017, the Government's Ministerial Committee on Economic Policy supported the proposal to corporatise the traffic control functions of the Transport Agency.

What next?

A referral debate on the Government's proposal submitted to Parliament will be conducted in a Parliament plenary session. Information on the date of the session will be available on Parliament's web site (plenary session agendas).

After the referral debate, the proposal will be sent to a committee. Once the committee's report is ready, the matter will be discussed in a plenary session.

(Source: FTA)

 **INSTAGRAM ACCOUNT OF THE WEEK EUROPE** Promoting

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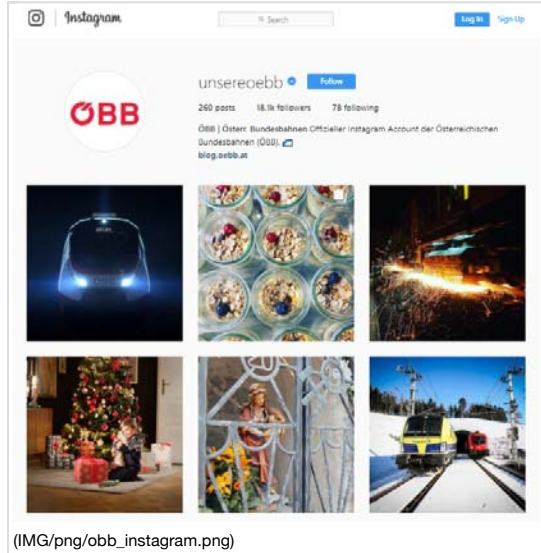
Instagram account of the week



(IMG/arton7712.jpg?1523372934)

Today we are putting the spotlight on ÖBB, member of the UIC Europe Region

<https://www.instagram.com/unseroeobb/>
(<https://www.instagram.com/unseroeobb/>)



(IMG/png/obb_instagram.png)

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agreement between Green Cargo and Yilport

(IMG/arton7709.png?1523368075)

Green Cargo and Yilport have signed a three-year agreement covering rail shuttles between Granudden and Fredriksskans, where Yilport – Gävle's container terminal – is located. The service began in mid-February and runs seven trains a week. Gävle is a railway junction where major routes converge, with rail connections to the harbor. Shuttle services run between Granudden and the Fredriksskans container terminal, with 40-foot containers loaded with paper products to be sent out into the world on various shipping lines.



From left to right: Eryn Dinyovszk, MD Yilport Skandinavia and Richard Kirchner SVP of Commercial Green Cargo © Green Cargo

(IMG/png/photo_green_cargo.)

"It's gratifying to have Yilport entrust us with running the route. With these shuttle services, we're showing that it's possible to compete with trucks even on shorter routes of 14 kilometers, if they're efficiently planned. What's even better is that we were part of starting the shuttle services in 2008 – and with the exception of two years, we've run this transportation solution the entire time," said Lennart Westring, sales executive at Green Cargo.

With an annual volume of approximately 250,000 TEU, Yilport Gävle Container Terminal is the largest container harbor on Sweden's east coast and the port where the world's largest shipping lines call at. A major expansion project is currently under way in which Yilport will double the harbour's capacity by 2020.

"The volumes from BillerudKorsnäs, which we handle at Granudden, are of crucial importance for the harbor but also a challenge where traffic through the city is concerned. With this agreement with Green Cargo, we have ensured shipments for the next three years with minimal impact on our operating environment," said Håkan Bergström, Sales Director at Yilport Nordic.

Yilport is a global harbour operator with a total of 26 harbours. In Scandinavia, Yilport operates terminals in Stockholm, Oslo, Gävle and Skutskär.

Green Cargo runs 400 freight trains each day, which is equivalent to the capacity of approximately 10,000 truck transports. We serve 270 locations in Sweden and the major cities in Norway. In cooperation with other operators, we reach thousands of locations in Europe. Green Cargo is the only nation-wide freight transport company that meets the standards set by the Swedish Society for Nature Conservation for freight transports (Bra Miljöval). Green Cargo is owned by the Swedish state. The Group has approximately 1,900 employees and annual revenue of SEK 4.3 billion (2017).

(Source: Green Cargo)

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 **HIGH SPEED INTERNATIONAL CONFERENCE** Promoting

10th UIC World Congress on High Speed Rail to be held from 8 – 11 May 2018 in Ankara, Republic of Turkey

The 10th World Congress on High Speed Rail, jointly organised by UIC, the worldwide railway organisation, and Turkish State Railways TCDD together with CMS Project, will take place from 8 – 11 May 2018 in Ankara, Republic of Turkey.

To register please visit the dedicated conference website:

<http://www.uic-highspeed2018.com> (<http://www.uic-highspeed2018.com>)



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For further information please contact Marc Guigon, Director of the UIC Passenger Department:

guigon@uic.org

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Next meetings scheduled




- 19-20 April 2018 | Rail System Forum Plenary | UIC HQ
- 20-21 April 2018 | 1st TopRail Forum | Barcelona, Spain
- 20 April 2018 | UIMC management committee meeting | Paris
- 23-28 April 2018 | 14th Training on High Speed Rail Systems | UIC HQ, Paris
- 24 April 2018 | European Group of Assistants | Paris
- 25-27 April 2018 | 10th APNRTC (Asia-Pacific Network of Railway Training Centres) | Chengdu, China
- 25 April 2018 | European work programme 2019 (new projects workshop) | Paris
- 26 April 2018 | European Management committee Assistants | Paris
- 3-5 May 2018 | 5th UIC Asia-Pacific Workshop on Control Command Signalling and Telecommunications | Sydney, Australia
- 3 May 2018 | Freight Forum | Vienna
- 8-11 May 2018 | Digital session at World Highspeed Conference with celebration of UIC Highspeed Digital Awards | Ankara, Turkey
- 23-24 May 2018 | Statistics Steering Committee Meeting | CFR-Constanta Romania
- 28-31 May 2018 | 3rd Training on CRTS | Warsaw, Poland
- 30 May 2018 | EMC & 26th European Regional Assembly | Lisbon
- 5 June 2018 | Preparatory Group 92nd General Assembly | Paris
- 7 June 2018 | ILCAD 2018 | ZAGREB, CROATIA
- 12 June 2018 | Digital meeting coupled with NARA | Washington, USA
- 18-22 June 2018 | UIC Security Week | Paris, UIC HQ
- 21 June 2018 | Safety Platform Steering Group meeting | UIC HQ PARIS
- 21 June 2018 | 25th UIC Asia-Pacific Regional Assembly | Seoul, Korea
- 27-29 June 2018 | Digital Session at GRFC | Genoa, Italy
- 4 July 2018 | Executive Board | Spain (TBD)
- 4 July 2018 | 92nd General Assembly | Madrid
- 3-6 September 2018 | UIC Transformation Digital Tour | China
- 7 September 2018 | Digital workshop on AI | Shanghai, China

UIC e-News Legal Editor: Marie Plaud-Lombard
 Coordination: Helen Slaney
 Editorial team: UIC e-News Team, Paris 17 April 2018

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