

UIC MERITS SYSTEM FOR MULTIMODAL PASSENGER TRAFFIC

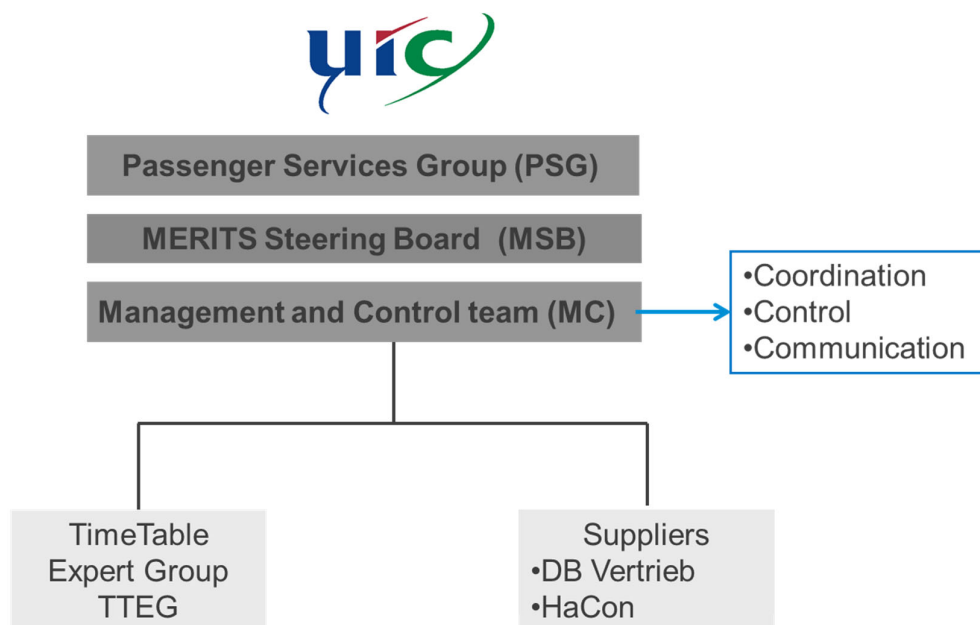
30 October 2019 – Venice

Fabrice Setta, UIC Passenger Department

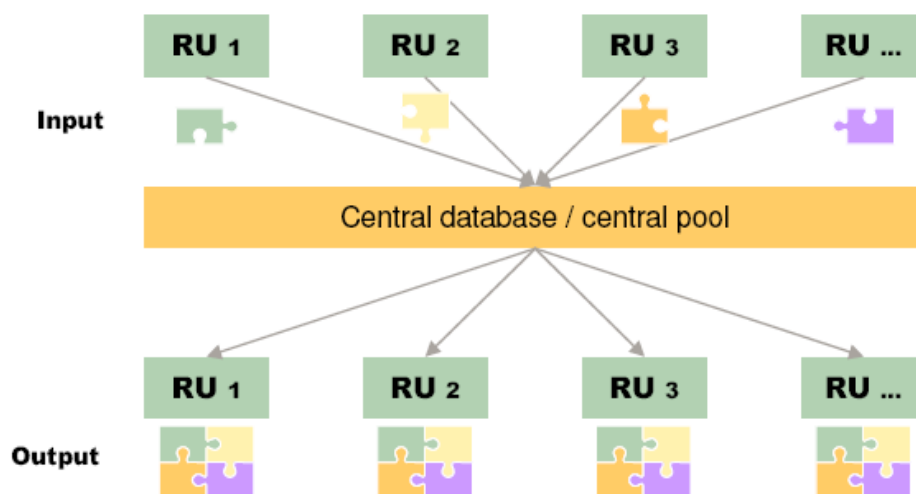
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MERITS general information

MERITS Organisation



MERITS Concept



MERITS Content

Multiple European Railway Integrated Timetable Storage

- The database of UIC for
 - Timetable (650 000 trains, buses and ferry services)
 - Stations (70 000 stations)
 - 34 workspaces for Railway Undertakings
 - The system for collecting, verifying, integrating and exporting timetable data for international and domestic trains
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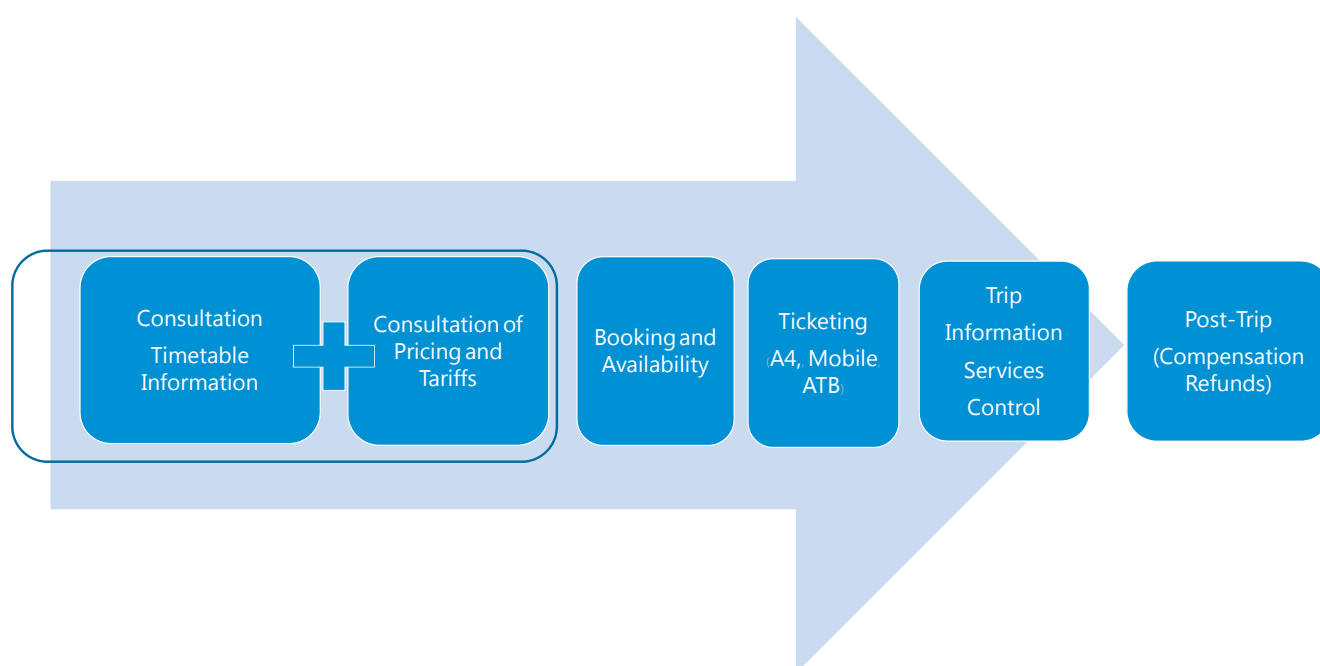
Stakes of MERITS for the member

- To provide daily, weekly, monthly its own timetables to the community in order to be sold by other railway undertakings
 - To get daily, weekly, monthly timetables of the other railways to develop the international rail traffic and sell tickets of other railway undertakings
 - To have timetables to be able to position the RUs as suppliers of IT software solution, journey planner, APPs (bahn.de, voyages-sncf.com, others...)
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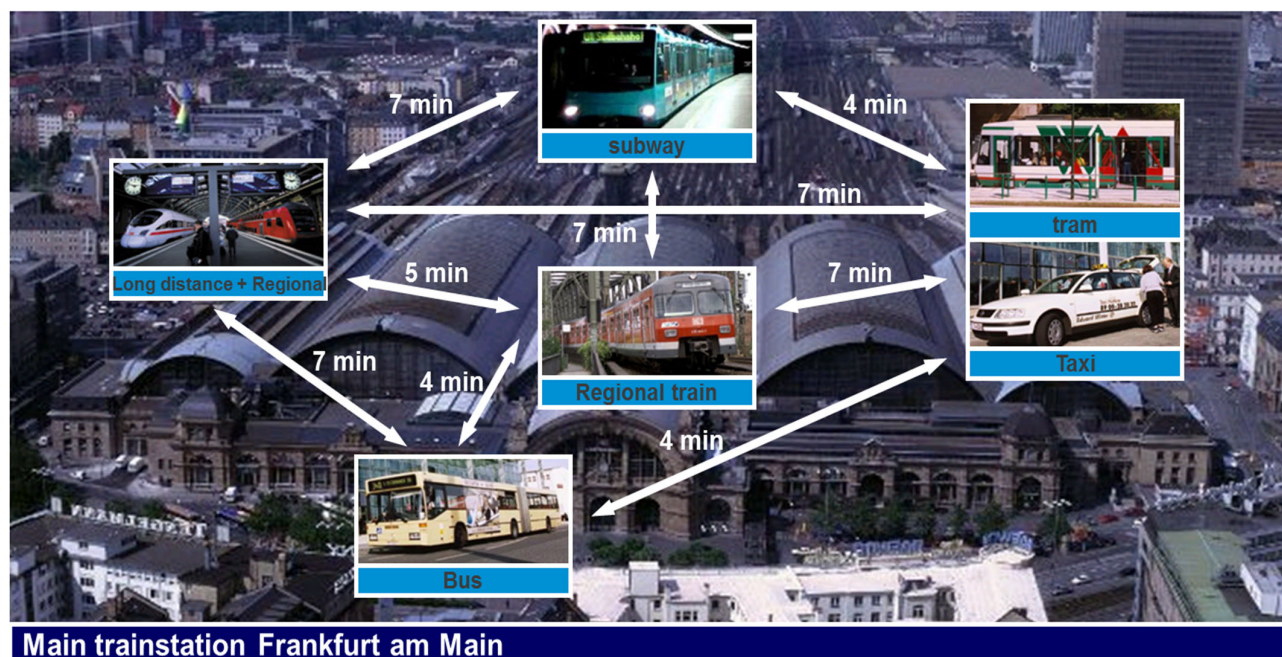
Use of MERITS within the railway undertakings

- MERITS data are mandatory to run the IT systems and apps of the railway undertakings (bahn.de, voyages-sncf.com, Eurail app...) in order to have a large coverage of railway undertakings data (and international trains)
 - For information
 - For journey planning
 - For booking
 - For mobile apps
-

Customer Experience Lifecycle

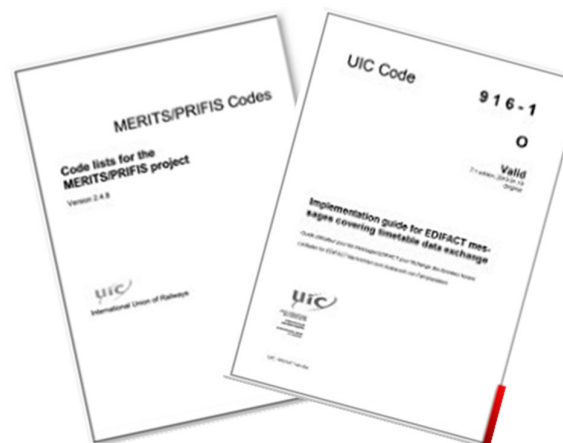


MERITS Station data



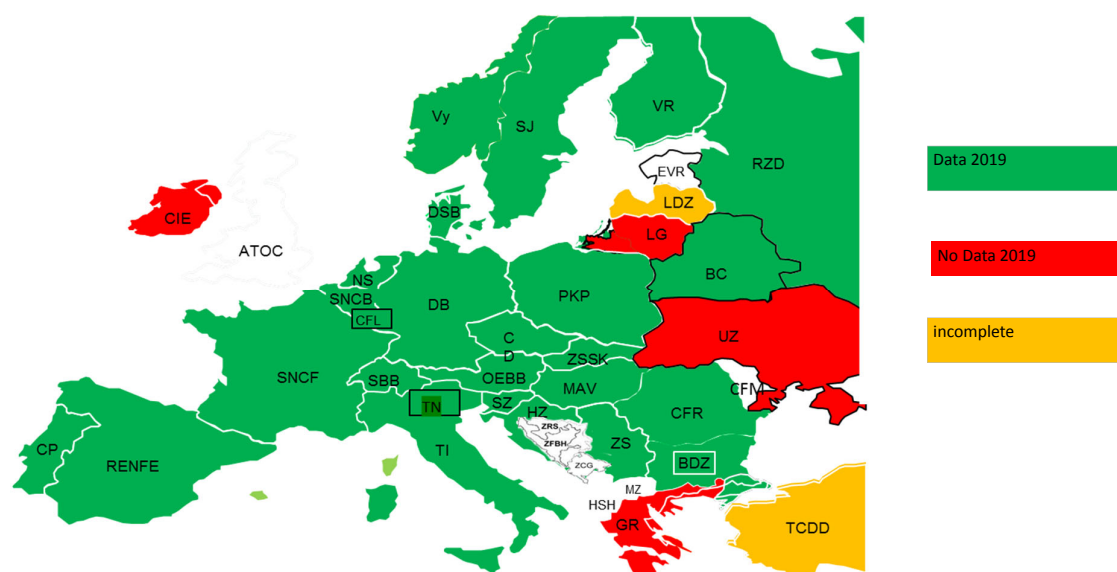
Reference documents

- UIC leaflet 916-1 V-7.2nd edition
- MERITS User Guide V-17.2
- MERITS PRIFIS code list V-19.1
- Service Brand Code list V-19.2
- Reservation System Codes V-19.1
- RICS code list version 2019/10/02



Status of deliveries & update frequencies

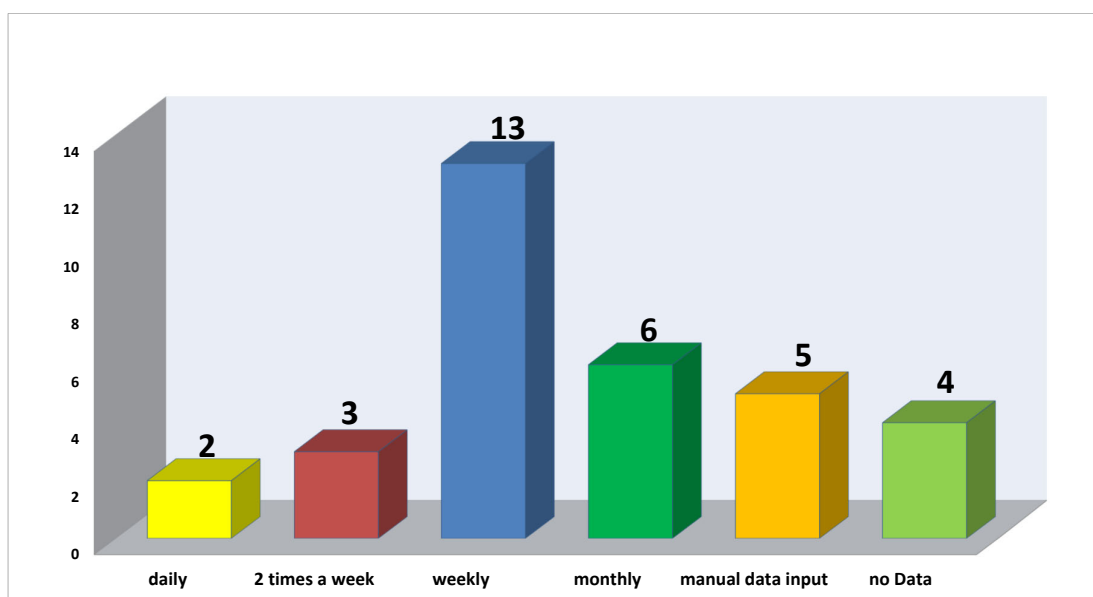
MERITS valid data in database - Status September 2019



Overview frequency of updates of all data providers - Status September 2019

Daily	2 times a week	Weekly	Monthly	Manual data input	No Data
<ul style="list-style-type: none"> DSB SNCF 	<ul style="list-style-type: none"> CD CFL SNCB 	<ul style="list-style-type: none"> BC CFR CP DB MAV NS Vy OEBB PKP RENFE SBB SJ TI 	<ul style="list-style-type: none"> BDZ RZD TN SZ VR ZSSK 	<ul style="list-style-type: none"> CFR int. HZ LDZ TCDD ZS 	<ul style="list-style-type: none"> CIE LG UZ TRAINOSE

Overview frequency of updates of all Data providers - Status September 2019



New Timetable 2020

- New timetable 2020 from 15th December 2019 to 12th December 2020.
- From 1st September 2019 the MERITS export include the data for the following timetable 2020.



MERITS evolutions

New version - new change requests

- The MERITS team has identified other developments
 - Reservation system code
 - GTFS converter, for new format output
 - Information provider for location, to enhance MCT data
 - Real Time data, ongoing analyses for feasibility



Selling MERITS Integrated Data to Third Parties

MERITS commercialisation – Principles

- MERITS commercialisation started in March 2019:
 - Deliver the best possible quality integrated rail timetable data
 - Define a product catalogue available on the UIC web site based on the principle of non-discrimination
 - Clear usage conditions based on the MERITS' General Terms & Conditions
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MERITS Actors

- Data Provider: (any carrier being a UIC/MERITS member or not): will provide raw data and receive a symbolic financial compensation (1 euro)
 - Data User: will receive integrated data, after paying a license fee:
 - UIC RUs (or delegate)
 - Third parties (other RUs, GDSs, OTAs, APPs developers...)
 - MERITS Shareholders: UIC MERITS members before the new process
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Legal framework

- Contractual framework compliant with competition law principles
 - Product catalogue available on the UIC web site based on the principle of non-discrimination
 - Data Provider Agreement has to be signed by each Carrier (or delegate) providing its own timetable data
 - License's General Terms and Conditions have to be validated by each legal entity using MERITS data
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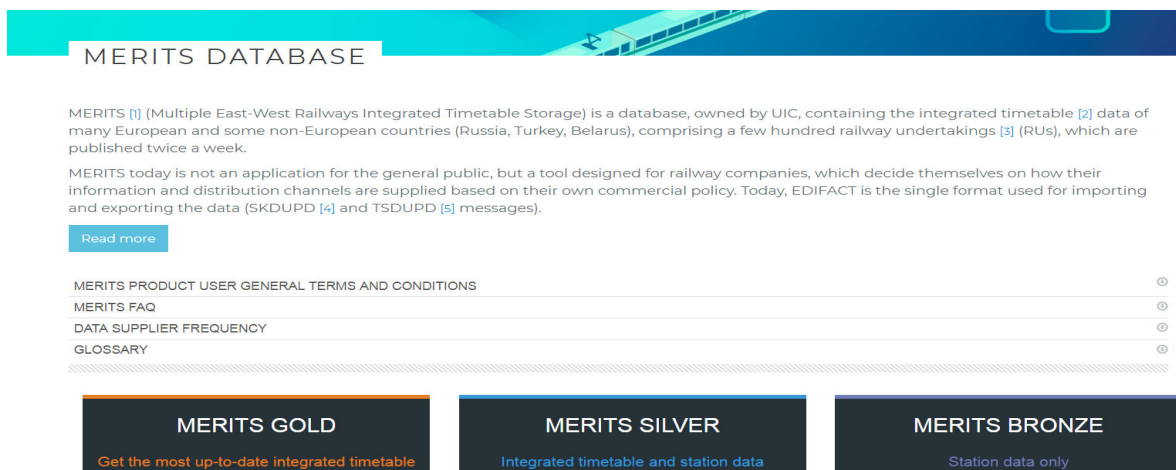
Status on the commercialisation of the MERITS products

Until today, UIC has sold the following MERITS products:

- MERITS Bronze license to:
 - TSGA
 - MERITS Silver license to:
 - European Commission Joint Research Centre
 - Rome2Rio
 - Amadeus
 - LLC ONELYA
 - MERITS Gold license to:
 - Eurail
 - Rome2Rio
 - Rail Europe from March to October 2019
 - Almost at the purchase phase for a MERITS Silver license with:
 - Sirena, Russian GDS
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UIC public web site

- Since the 15th of February the MERITS dedicated page is available <https://uic.org/>



MERITS DATABASE

MERITS [1] (Multiple East-West Railways Integrated Timetable Storage) is a database, owned by UIC, containing the integrated timetable [2] data of many European and some non-European countries (Russia, Turkey, Belarus), comprising a few hundred railway undertakings [3] (RUs), which are published twice a week.

MERITS today is not an application for the general public, but a tool designed for railway companies, which decide themselves on how their information and distribution channels are supplied based on their own commercial policy. Today, EDIFACT is the single format used for importing and exporting the data (SKDUPD [4] and TSDUPD [5] messages).

[Read more](#)

MERITS PRODUCT USER GENERAL TERMS AND CONDITIONS ⓘ
 MERITS FAQ ⓘ
 DATA SUPPLIER FREQUENCY ⓘ
 GLOSSARY ⓘ

MERITS GOLD
Get the most up-to-date integrated timetable

MERITS SILVER
Integrated timetable and station data

MERITS BRONZE
Station data only

UIC public web site

- Legal framework documents downloadable

MERITS PRODUCT USER GENERAL TERMS AND CONDITIONS



MERITS product user general terms and conditions
 27 February - PDF - 96.3 kb

[See the document](#)

MERITS DATA PROVIDER [6] AGREEMENT



MERITS data provider agreement
 27 February - PDF - 296.5 kb

[See the document](#)

UIC public web site

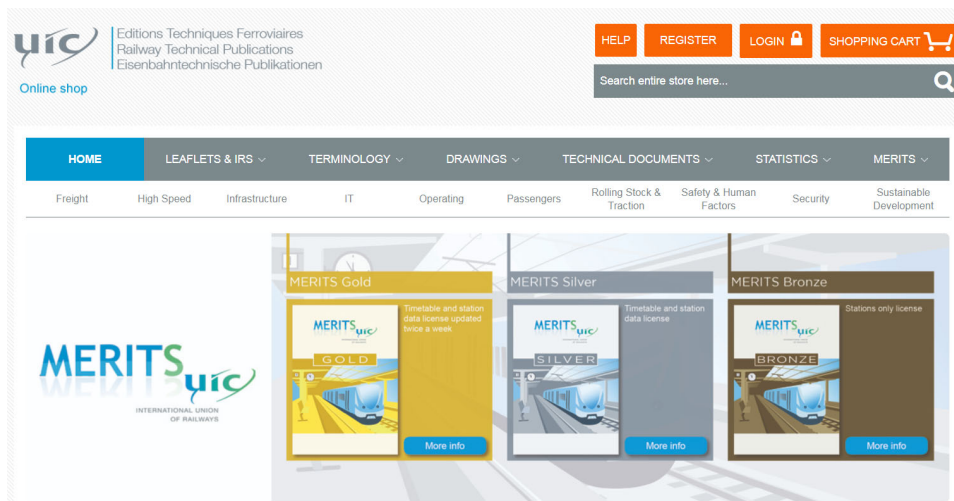
- Frequent Ask questions

MERITS FAQ

What is MERITS?
Can I contact someone if I have question on the MERITS products?
Where do the MERITS data come from?
What is the added value of MERITS?
What can I do with my MERITS product?
Am I allowed to share or resell my MERITS product?
What can I find in the MERITS data?
Which format is used to supply MERITS data?
Can I get a sample of MERITS product data to make sure it corresponds to my expectations?
Where can I find the specifications of the standards used for the publication of the MERITS data- (TSDUPD and SKDUPD files)?
Where can I buy a MERITS product?
How can I pay for my MERITS product; how long does it take?
How can I download the MERITS products?

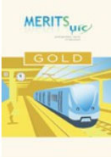




UIC ETF webshop: <https://www.shop-etf.com/>

- MERITS products are on sale



UIC ETF webshop: <https://www.shop-etf.com/>

- MERITS products are on sale

<p>MERITS GOLD EN</p>  <p>Timetable and station data license updated twice a week</p> <p>€50,000.00 excl. VAT</p> <p>Add to Cart</p>	<p>MERITS SILVER EN</p>  <p>Timetable and station data license</p> <p>€8,000.00 excl. VAT</p> <p>Add to Cart</p>	<p>MERITS BRONZE EN</p>  <p>Stations only license</p> <p>€5,000.00 excl. VAT</p> <p>Add to Cart</p>
<p>MERITS GOLD EN</p>  <p>Timetable and station data up to 6 licenses</p> <p>€180,000.00 excl. VAT</p> <p>Add to Cart</p>	<p>MERITS GOLD EN</p>  <p>Timetable and station data up to 10 licenses</p> <p>€250,000.00 excl. VAT</p> <p>Add to Cart</p>	

MERITS workshop

- A MERITS workshop will be organized in UIC premises with the following objectives:
 - Promote the value of the MERITS products and illustrate the potential of the uses
 - Gather more data providers and data users
- The workshop is planned for the December 2019

Examples of MERITS data usages

Ecopassenger.org



Compare the energy consumption, the CO2 emissions and other environmental impacts for planes, cars and trains in passenger transport

CHOOSE YOUR ROUTE

From:

To:

CHOOSE YOUR DATE AND TIME

Mo, 12.02.18 Calendar




19:30 Departure

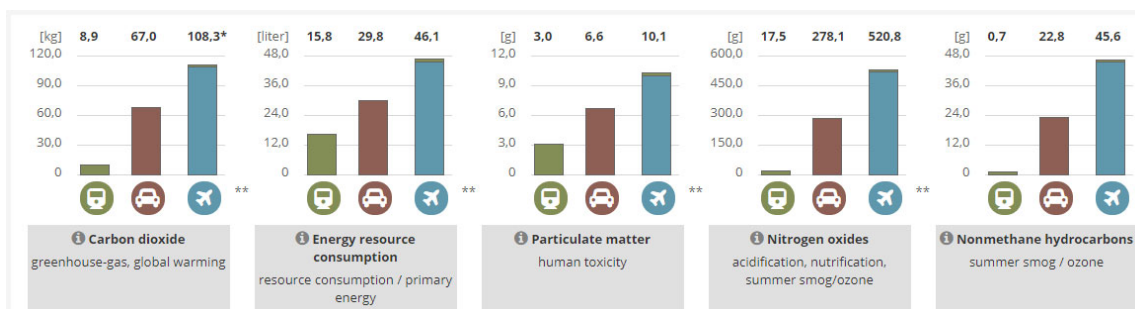
START REQUEST

”EcoPassenger raises awareness and knowledge about the environmental impacts of traveler behavior, by implementing a transparent, comprehensive and user friendly calculator.

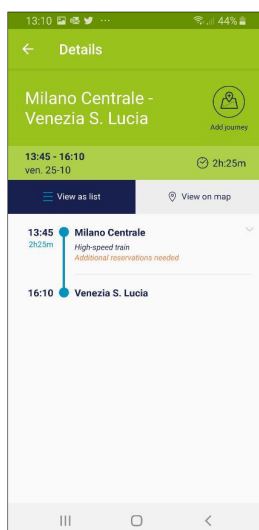
To calculate the environmental impact of your freight transport, visit: www.ecotransit.org

Ecopassenger.org

START/DESTINATION DETAILS		DURATION	PRODUCTS
	PARIS EST (France) [FR] FRANKFURT(MAIN)HBF (Germany) [DE]	from Tu, 13.02.18, 09:06 to Tu, 13.02.18, 12:58 DETAILS GOOGLE EARTH SOONER LATER	3:52 TGV 9551
	PARIS EST (France) [FR] FRANKFURT(MAIN)SUED (Germany) [DE]	Middle class: Diesel EURO 4;	6:37 Car
	PARIS EST (France) [FR] FRANKFURT(MAIN)SUED (Germany) [DE]	Flight from Charles De Gaulle Airport, Paris to Frankfurt International Airport.	3:01 Train, Aircraft, Train



Eurail travel app and website



EURAIL TIMETABLE

FROM

TO

DATE

TIME

☒ departure time
 ☐ arrival time

[SHOW MORE OPTIONS](#)

Stay in touch with UIC!

www.uic.org



#UICrail

Thank you for your kind attention.
