European Union Agency for Railways
Il ritorno di esperienze e l'approccio futuro

AICQ 18/11/2021

EUROPEAN
UNION
AGENCY
FOR RAILWAYS

# Pilastro tecnico – Quadro normativo

Directive

2016/798 – Railway Safety Directive

2016/797 – Interoperability Directive

2007/59 – Train Drivers Directive

Regulations

445/2011 – Certification of entities in charge of maintenance

Regulation concerning the International Carriage of Dangerous Goods by Rail (RID)

1078/2012 – Common safety method for monitoring

402/2013 – Common safety method for risk evaluation and assessment

2015/995 – Technical specification for interoperability relating to the 'operation and traffic management' subsystem

2016/796 – Agency (ERA) Regulation

2018/761 – Common safety method for supervision

2018/762 – Common safety methods on safety management system requirements

2018/763 – Practical arrangements for issuing single safety certificates to railway undertakings and their conditions of payment

2018/764 – Fees and charges payable to the Agency (ERA)

2018/867 – Rules of procedure of the Board(s) of Appeal of the Agency (ERA)

2019/773 – Technical specification for interoperability relating to the 'operation and traffic management' subsystem

Technical specifications for interoperability relating to the structural subsystems (ETCS, wagons, etc.)

eur-lex.europa.eu

In piu' di uno MS o un solo MS se richiesto dal richiedente

One-stop shop

OR

NSA
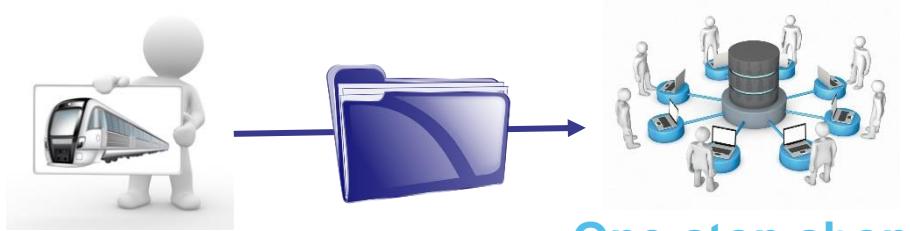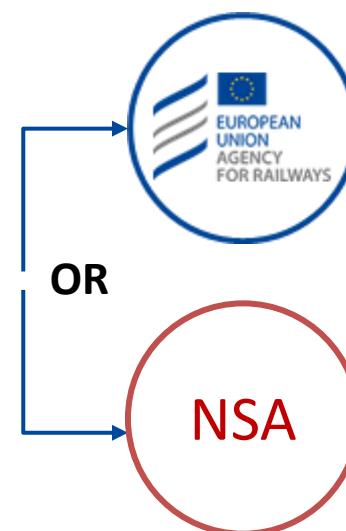
Limitatamente allo MS

2016   2017   2018   2019   2020   2021

4th Railway package New Interoperability and Safety Directives and ERA Regulation
2016/796
2016/797
2016/798

Commission Recommendation for ERTMS Trackside approval 2018/C 253/01 **Practical Arrangements** for vehicle (type) authorisation and SSC, result of more than 3 years work with the NSAs and the sector for establishing the process
2018/545
2018/763

16/06/2019: ERA as Authority for safety certificates, vehicle authorisations and ERTMS approvals

One-Stop Shop fully operational

16/09/2019: First SSC issued by ERA

05/07/2019: First VA decision signed

3 ERTMS TA applications requests received

11/06/2020: ISO 9001 certification including delivery processes

All cooperation agreements with the NSAs signed

First year of full transposition of the 4th Railway Package

1737 VA issued
20507 Vehicles

38 SSC issued

32 TA ongoing

Per il 2021: dati riferiti fino a luglio.

Certificato di sicurezza unico (SSC)

Operatore ferroviario in X Stati Membri

3rd Railway Package Dir. (EC) 2004/49	4th Railway Package Dir. (EU) 2016/798

MS 1   Part A + Part B

MS 2   Part B

...   ...

MS X   Part B

ONE SINGLE SAFETY CERTIFICATE

X processi

1 processo

Part A: SMS
Part B: National operational rules

ERA is the certification entity
NSAs participates for national operational rules

Autorizzazioni dei veicoli (VA)

Veicoli che circolano in X Stati Membri

3rd Railway Package Dir. (EC) 2008/57	4th Railway Package Dir. (EU) 2016/797

MS 1 — First authorisation

MS 2 — Additional authorisation

... — ...

MS X — Additional authorisation

ONE SINGLE AUTHORISATION by ERA

X processi

1 processo

Authorisation for placing in service

APOM = Authorisation for placing on the market

1. initial engagement

2. submission and verification of completeness

3. assessment & decision

4. Boards of Appeal *(if needed)*
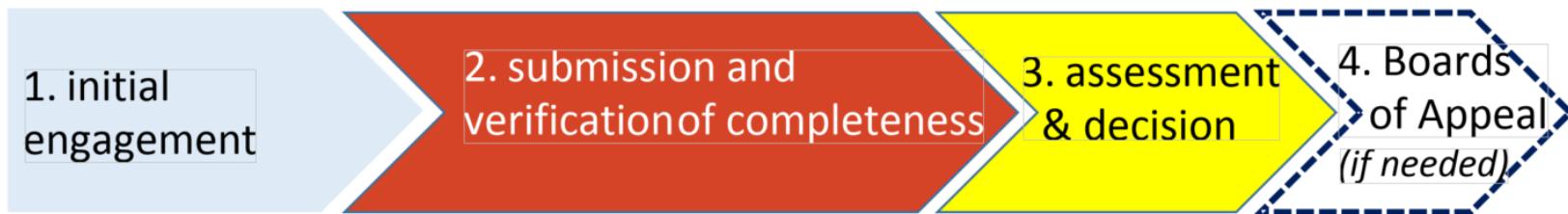
Ai sensi della Direttiva (UE) 2016/797, l'Agenzia delibera sull'approvazione delle soluzioni tecniche previste (art. 19)

# OSS in cifre

Number of users

ERA and NSAs, 642

Applicants, 2140
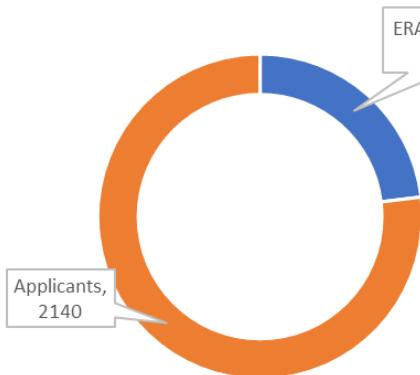
Service desk tickets

Open, 72

Resolved, 1088
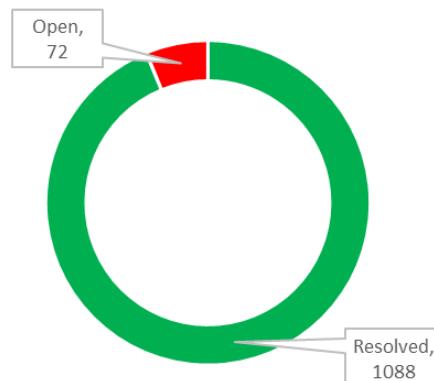
Availability June 2019 – June 2021

Unavailable 0.89%

Available 99.11%

One-Stop Shop (OSS)

25   17   5313
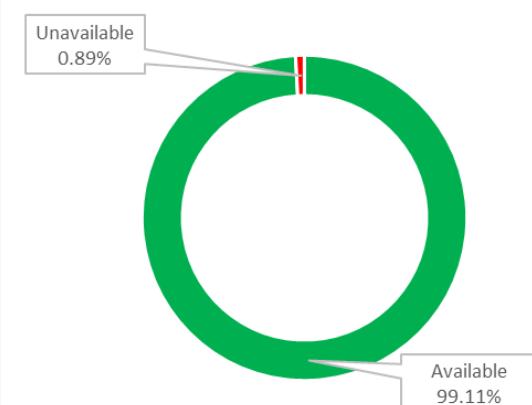
| Single Safety Certificates | Vehicle Authorisations | ERTMS Trackside Approvals | My Work |

V-20210614-005

Applicant: | Application type: **Authorisation in conformity to type** | Submitted on: **14/06/2021 09:18 AM** | Created by. | Modified on: **15/06/2021 11:21 AM** | Contact person: | Issuing authority: **European Union Agency for Railways** | Application status: **Completed**

Application   **Application issues**   **Project team**   **Dashboard**   **Assessment**   **Library**   **Event Log**

4° Pacchetto Ferroviario – previsioni 2021

2021		
Vehicle Authorisations	Single Safety Certificates	ERTMS Trackside Approvals
160-180 Vehicle (Type) Authorisation cases	+50 Single Safety Certificates	+40 applications
+1000 Conformity To Type cases		

Ritorno di esperienze/approccio futuro

	Sfide	Opportunita'
Comuni a tutto il 4°PF	▪ Numero di risorse umane inferiore al necessario → riprioritarizzazione dei processi e ristrutturazione a matrice	▪ Miglioramenti del quadro giuridico e delle specifiche generati dalle attività del 4°PF
Vehicle Authorisations	▪ Difficolta' per migliorare il processo → tutte le risorse focalizzate sulla consegna	▪ Il lavoro in qualità di ente autorizzatore consente all'Agenzia di migliorare la qualità di altri risultati (ad es. STI)
Single Safety Certificates	▪ Uniformità tra valutazioni e decisioni ▪ Armonizzazione delle opinioni con tutte le NSA sulla valutazione/supervisione	▪ Collaborazione reciprocamente vantaggiosa con le NSA ▪ Facilitare il settore nel passaggio da un approccio normativo a un approccio basato sul rischio in un ambiente di cultura della sicurezza positiva
ERTMS Trackside Approvals	▪ Nuovo processo che richiede ancora la diffusione attraverso il pre-impegno	▪ Sinergie tra i problemi dei progetti identificati e le specifiche ▪ Preoccupazioni iniziali su problemi derivanti da precedenti esperienze ▪ Armonizzazione mediante il riutilizzo di soluzioni tecniche approvate

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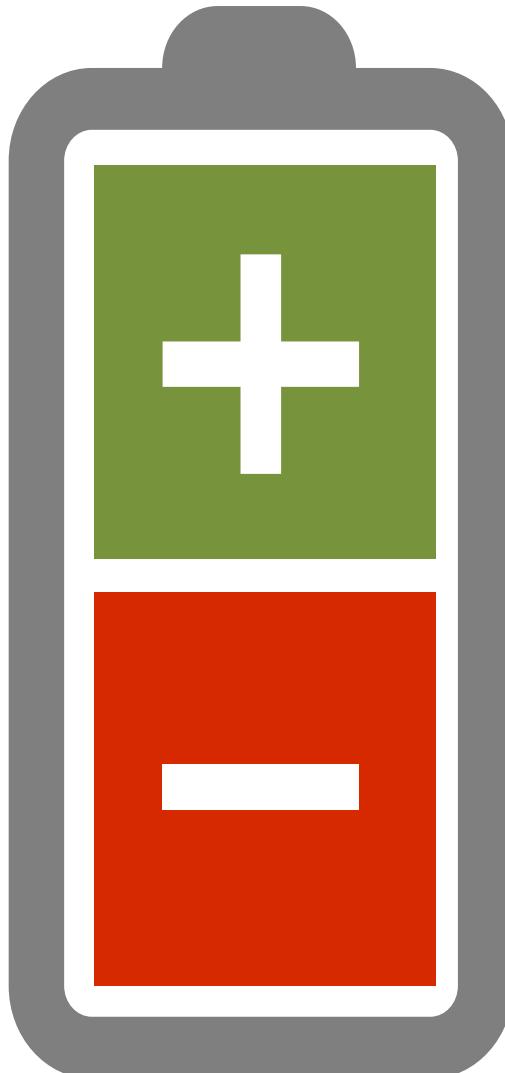
- Submission of applications
- Team assignement and user rights management
- Use of web forms
- Publication of certificates

−

- Ergonomy (complexity)
- Library (export, config. management)
- Notifications
- Dashboard
- Update of the application file via Issue Log

Base legale: art. 33 del Regolamento dell'Agenzia 2016/796		
NSAs	**Scopo**	**Verifica**
25 EU NSAs 1 non EU NSA (CH)	Competenza e supervisione	In relazione alla sicurezza e alla interoperabilita' ferroviaria
Sono stati notati un totale di 217 rilievi, suddivisi in 82 carenze e 135 osservazioni *NOTA: dati rilevati sul primo ciclo di audits appena concluso.*		

Base legale: art. 34 del Regolamento dell'Agenzia 2016/796		
NoBos	Resultati	Scopo
2019: 4 2020: 6 2021: 6	Nessuna carenza grave (Major deficiency) riscontrata	Enti accreditati (AT, BE, BG, CH, CZ, DK, EE, EL, ES, FI, FR, HR, HU, IE, IT, LT, LU, LV, NL, NO, PL, PT, SE, UK) e riconosciuti (DE, RO). (SI e SK: sia accre. che ric.)

Base legale: art. 35 del Regolamento dell'Agenzia 2016/796		
Reports	**Dettagli**	**Analisi**
Nel 2020, 68 reports sono stati pubblicati sul portale dell'Agenzia.	• 33 train derailments • 13 train collisions and • 10 level crossing accidents • 12 other occuerence types.	Confrontando il 2020 con l'anno precedente, si evince che i risultati principali sono nella stesso ordine di grandezza.

ECVVR/NVR

ERADIS

ERAIL

ERATV

EVR

OCR

RDD

RINF

SAIT

SRD

VKMR
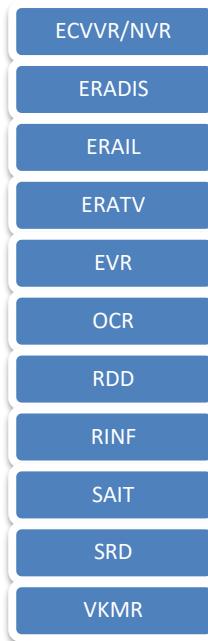
Pubblicati nel 2020 piu' di 15k

	(12 months statistics: 12'2020÷11'2021) No of ERADIS documents processed												∑ in last 12 months
year	2020	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	
month	12	1	2	3	4	5	6	7	8	9	10	11	
EC Declarations published /Month	322	285	377	509	397	360	353	496	304	349	353	167	4272
EC Declarations rejected /Month	11	46	31	81	59	57	77	41	62	30	35	16	546
EC Declaration Rejected/Published (%)	3%	16%	8%	16%	15%	16%	22%	8%	20%	9%	10%	10%	13%
EC Certificates published /Month	423	376	491	793	528	504	414	495	471	507	543	55	5600
Total licences processed	23	33	112	45	24	27	16	6	23	10	23	16	358
Total certificates processed	21	22	1	18	19	2	1	1	0	1	4	0	90

- Key milestones to the Recommendation
  - Consultation (very preliminary draft): mid-January to mid-April 2022
  - Draft recommendation to EC: 31 March 2022
  - Final Recommendation to EC: 30 June 2022
- Editorial group to start activities in November 2021

Actor	Task / Year	October			November			December			January			February			March			April			May			June			July		
	Month / 1st Ten - 2nd Ten - 3rd Ten	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
WP	Meetings			X						14			26			10						26						9/14			
WP	Create the editorial group																														
CT	Start drafting REC0																														
CT/Editorial group	Consolidate the draft for REC0																														
	Consultation on the basis of REC0																														
WP	Approval of REC0																														
CT	ERA Internal consultation of REC0 and send to EC																														
CT/Editorial Group	Review and include comments from consultation and prepare REC1																														
WP	Final comments of the WP and approval of REC1																														
CT	ERA Internal consultation of REC1 and send to EC																														

Coordination of the Agency's contribution to railway research at EU level

- Defining the needs;
- Following projects of interest, and
- Monitoring the research outputs.

Agency's research needs

- Collection and coordination;
- Dissemination to the Commission, ERRAC, Shitft2Rail and other advisory bodies;
- Follow-up on the possible solutions identified for these needs.

Independent railway expertise to help ensure that:

- Research is targeted where it is most needed, and
- Research supports the framework of the SERA.

Cooperation with the entities involved in research to ensure that the innovation will be rapidly, efficiently and effectively integrated into the framework

(e.g. TSIs, data and digitalisation)

Analysis of research findings to assess their potential use for the Agency's roadmaps and multi-annual programme