



23

ETY COUNCIL

strial World

CTOBER 1 - 6, 2023

IRSC 20

INTERNATIONAL RAILWAY SAF

"Recharging Railway Safety"

CAPE TOWN, O

Jayne Yeo and Virginie Papillault
ERA and UIC

SHARING AND EXCHANGING KNOWLEDGE ON HUMAN AND ORGANISATIONAL FACTORS IN RAIL: THE NEW RAILHOF DIGITAL PLATFORM

AUDIENCE PARTICIPATION

WORD CLOUD

Describe in 2-3 words what you think of when you hear “Human and Organisational Factors”?

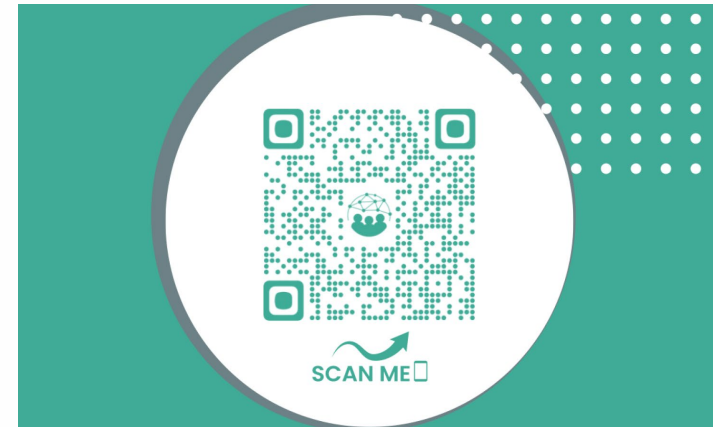
AUDIENCE PARTICIPATION

Question with yes/no answer

Have you consulted the RailHOF digital platform?



Connect, Share, Learn



A HOF DIGITAL PLATFORM AT THE SERVICE OF THE RAIL SECTOR

- A **user-centred approach** has been applied to better capture **user needs** and then use these to determine **design requirements, content and functionality and usability**.
- This approach was used **all along the development process of RAIL HOF** from the needs analysis to the development of the platform.
- What will RAIL HOF be for members?
 - a knowledge network on HOF and safety
 - a virtual platform which will evolve according to their needs



BENEFITS OF RAILHOF FOR MEMBERS

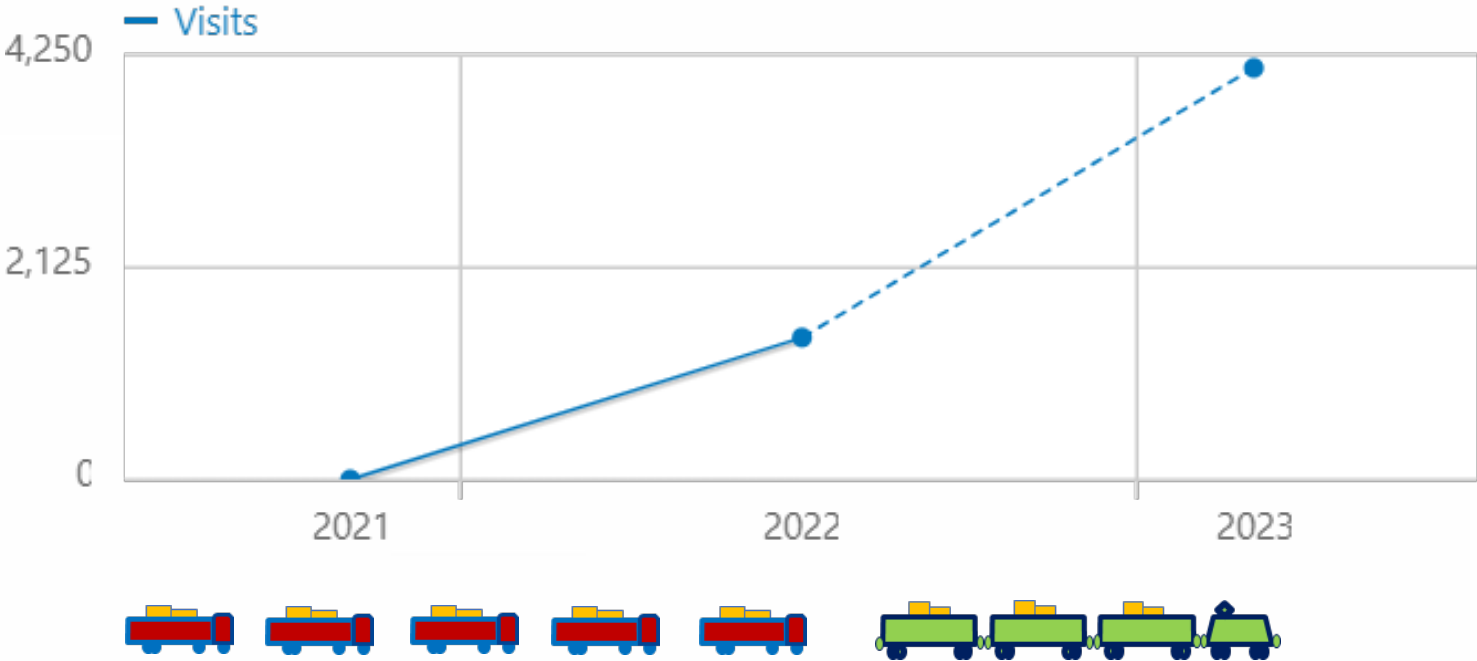
- Sharing knowledge, practical experience, case studies on HOF
- Connect a network of rail professionals in HOF



- Encouraging the development of HOF knowledge
- Foster a high level of railway safety and performance,
- Address the legislative requirements linked to HOF

Help all organisations achieve safety and performance **benefits**
from the application of HOF best practice and knowledge.

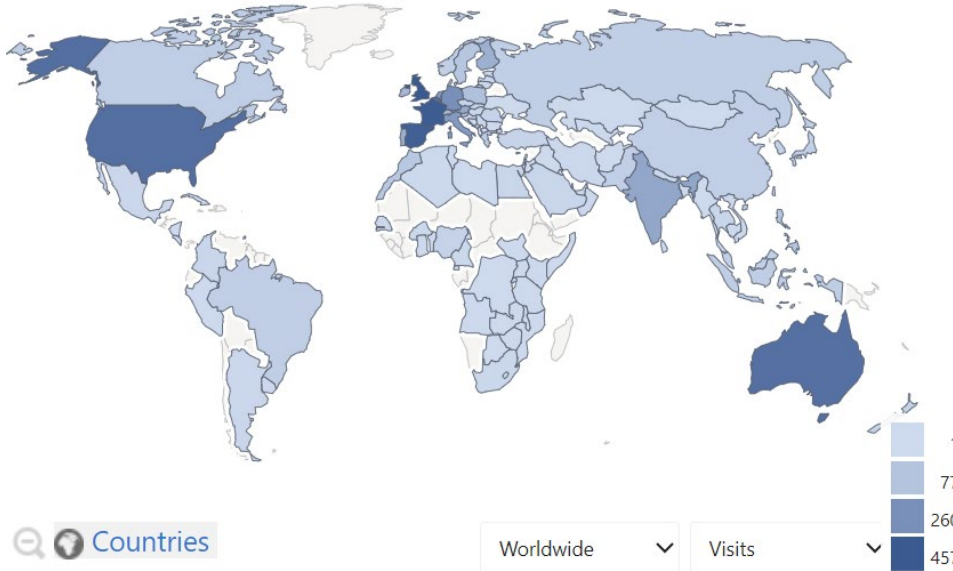
RailHOF fun facts – visits over time



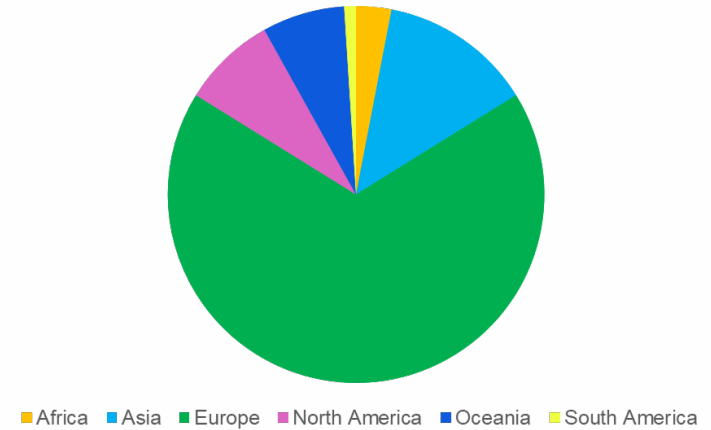
RailHOF funfacts

Geographical distribution of visits Oct 22 – Aug 23

5,389 visits



% of visits



Sub-theme 8 – Local and international collaborative efforts

RailHOF fun facts - most consulted pages

| | |
|--|------------|
| Home - RailHOF | 2589 |
| What are non-technical skills? | 584 |
| 5x5 model | 308 |
| Non-technical skills | 266 |
| HOF in SPADs | 263 |
| What are error prevention techniques? | 232 |
| Safety culture | 230 |
| RailHOF | 194 |
| What are performance influencing factors? | 183 |
| HOF models | 158 |

RailHOF fun facts – unique download sites

| Download URL | Unique Downloads |
|--|------------------|
| railhof.org | 50 |
| humansystems.arc.nasa.gov | 10 |
| www.era.europa.eu | 9 |
| www.foncsi.org | 7 |
| www-pub.iaea.org | 3 |
| www.icsi-eu.org | 3 |
| www.researchgate.net | 3 |
| assets.publishing.service.gov.uk | 1 |





Welcome to the Human and Organisational Factors (HOF) Digital Platform, the new interactive forum for sharing and exchanging knowledge and information on HOF. Are you a HOF Novice, Trainee, Specialist, Manager, CEO in European or international railways? Are you coming from another mode of transport or from another industrial sector? Come and enter our HOF community-based Digital Platform! It is easy to find, share, exchange information, best practices, articles and more on this secure and user-friendly platform.

This platform brings together materials and resources to support understanding and application of HOF in the railway sector. The platform links to information on recognised HOF topics and methods relevant to the railway community, as well as providing links to other high risk industry sectors such as aviation, nuclear, and healthcare.

You may also be interested in HOF safety documents that are or will be produced based on the experience of railway members. On this



AUDIENCE PARTICIPATION

POLL – 2 questions with multiple responses possible

What content are you most interested in?

- Legislation and standards
- Models
- Practical examples
- Research articles
- Information from other HRO e.g. aviation, healthcare, nuclear, oil and gas
- Conferences/events

Which format would be most interesting for you?

- Articles
- Interviews
- Video clips
- Infographics
- Training courses
- e-learning

AUDIENCE PARTICIPATION

WORD CLOUD

What would encourage you to share a practical experience on HOF and Safety Culture on RailHOF?



Conclusions



“No deposit – no return”



Connect, Share, Learn





HOSTED BY



RAIL SAFETY ON THE RIGHT TRACK

www.irsc2023.com

