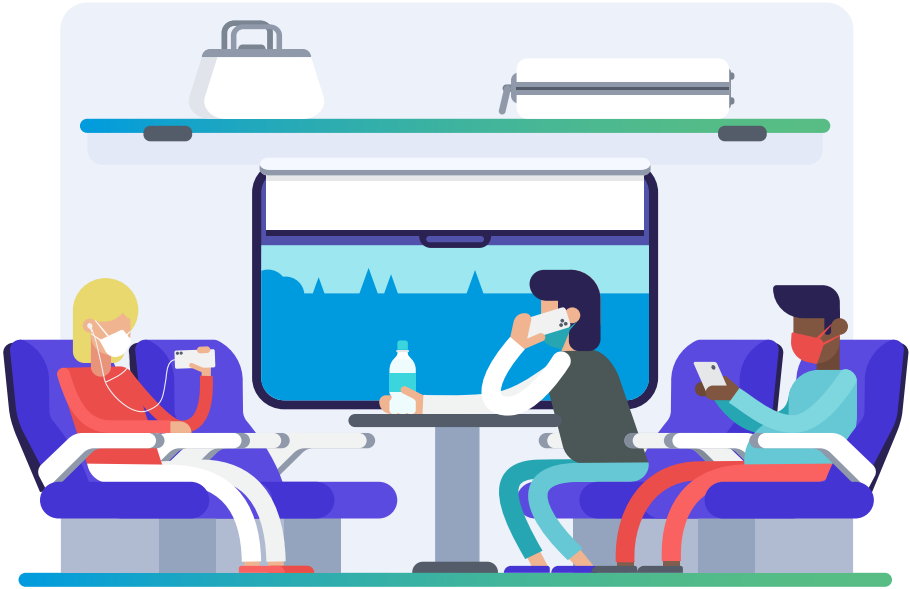


# UIC TRAINRAIL HACKATHON

How can railways be resilient in the face of pandemics?



A gathering of creative minds in railway industry

## OBJECTIVES

- 🎯 **develop** rail transport involving sustainable development (SDGs);
- 🎯 **create** the spirit of innovation;
- 🎯 **develop** the skills needed to become a leader;
- 🎯 **strengthen** intercultural exchanges;
- 🎯 **support** challenges with creativity;
- 🎯 **promote** startups;
- 🎯 **mobilise** the best talents;
- 🎯 **turn** an idea into reality.

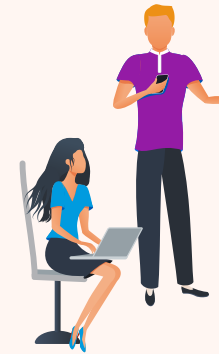
## CONCEPT, WHAT IS A HACKATHON?

- ✓ **creative minds** coming together;
- ✓ a subject related to **world practical** problems;
- ✓ grouping of **several skills**;
- ✓ opportunity for **communication**, exchange and sharing;
- ✓ **exercise of activities** for the improvement of analysis, design and capacities;
- ✓ development of **new ideas**;
- ✓ proposal of **innovative solutions**;
- ✓ **mutual learning** of knowledge and technologies.



## TRAINING AND WORKSHOP

1. **Training of trainers**  
September-October 2021



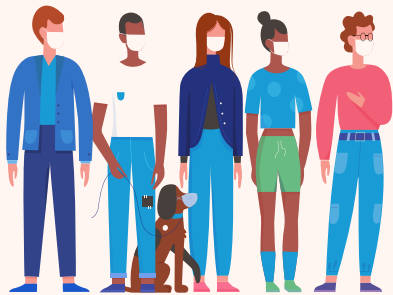
Online competition  
**Content:** Hackathon  
Organisation, Online Interaction  
Platform

2. **Training of participants**  
November 2021-February 2022



**Content:** basic skills, advanced skills (design spirit, code management, arduino, etc.) and other skills (modelling, engineering, equipment, IP, etc.).

## PARTICIPANTS



- ✓ **regional:** talents from rail networks and training organisations in the region organised in teams of 4 to 6 people (to be decided), and industry start-ups;
- ✓ **international:** 1 to 2 winning teams from each region / individuals.

## FORM OF THE COMPETITION

- ✓ **regional competition:** “online” or “offline”, or mixed;
- ✓ **final competition:** presentation of the project in person, by the regional winners.



## FURTHER SUPPORT AND FEEDBACK



**01** Further improvement of the prototypes

Promote start-ups **02**



**03** Opportunity for industry application

Possibility for further investment



## TIME AND SITES

[hackathon.railtalent.org/](http://hackathon.railtalent.org/)

### Regional events

November 2021 to February 2022.

To be decided by each regional organiser

### Train the trainers

Two training sessions are scheduled in September and October 2021.

Training on "how to run a hackathon" will be held on line on 23 September 2021.

Online Train the trainers session will be held on 21 October 2021.

### Contacts

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### International event

April 2022 to May 2022

Final competition at WCRT 2022

<https://wcr.t.uic.org>

Further information on global hackathon

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L'EXCELLENCE  
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