

REPAIR

Using Badges to Increase Railway Sustainability

REPAIR supports the Sustainable Development Goals



ANNEX

REPAIR PACK

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Project Partners



France



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ANNEX I

Quantitative Worker and Trainer Survey

REPAIR Questionnaire

September 22, 2022/Alfons Bauernfeind, Maria Angerer

[INTRODUCTION]

The goal of this survey is to understand how [organisation's name] could improve its contribution to achieving the United Nation's Sustainable Development Goals (SDGs).

The United Nations Sustainable Development Goals (SDGs) are a collection of 17 interlinked global goals designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". The SDGs are included in a United Nations Resolution called Agenda 2030.

Please share 3 minutes of your time to answer a few questions.



All collected data will be processed anonymously. No conclusions can be drawn about your person. This survey is part of the Erasmus+ REPAIR project and is funded by the European Commission. Please contact [name from railway here, with email address] if you have questions regarding this survey

1. Have you heard about the United Nations' Sustainable Development Goals (SDGs) before?

Aim of the question: Identify awareness of SDGs

Type of question: Single Choice

- a. Yes, and I can name some of the goals. => FILTER "AWARE"
- b. Yes, but I don't know about them in detail. => FILTER "AWARE"
- c. I don't know. => FILTER "UNAWARE" => Q8
- d. No => FILTER "UNAWARE" => Q8

[FILTER "AWARE"]

2. How would you qualify the engagement of [name company] to help achieve the SDGs?

Aim of the question: Identify awareness of company's SDG activities

Type of question: Single Choice

- a. Strong
- b. Good but could be improved
- c. Weak
- d. Inexistent
- e. I don't know.

3. Do you think that you, as a rail professional, can contribute to help achieve the SDGs in your work at [name railway]?

Aim of the question: Awareness of own capacity (self-efficacy) to contribute to SDGs

Type of question: Single Choice.

- a. Yes.
- b. No. => GO TO 5.
- c. I don't know. => GO TO 5

[FILTER "AWARE"]

4. Do you have any specific ideas of what you could contribute to SDGs - at your workplace? *Aim of the questions: Gather examples of possible activities for designing badges. Type of question: Open Textbox*

- a. Yes => here is my idea. Textbox.
- b. No, rather not.

5. Are the SDGs taken into account in your daily practice?

Aim of the question: Identify if individual SDG activities are part of the company's or supervisor's policy – or done on the employee's own initiative.

Type of question: Single Choice

- a. Yes, these daily practices are set by the company.
- b. Yes, these daily practices are assigned to me by my supervisor.
- c. Yes, I choose these daily practices on my own initiative.
- d. No, my job does not include SDG-related practices. = GO TO 9
- e. I do not know.

The International Railway Association (UIC) has chosen to address 7 of the 17 UN's Sustainable Development Goals.



Gender equality, Affordable and clean energy, Decent work and

economic growth, Industry, innovation and infrastructure, Sustainable cities and communities, Responsible consumption and production and Climate action.

6. Do you think that you as a rail professional are already contributing to achieving one or more of these goals?

Aim of the questions: Gather examples of possible activities for designing badges.

Type of question: Open Textbox

- Yes, and this is what I'm already doing: OPEN TEXTFIELD => GO TO Q7
- I Would like to contribute, but I don't know how GO TO Q8
- No, rather not. GO TO Q8

7. Do you feel that your SDG-related activity/activities are being recognized and valued by your colleagues and superiors?

Aim of the questions: Identify if activities are recognized.

Type of question: Single Choice

- very much
- much
- somewhat
- a little
- not at all

8. Are you interested in getting more information about the SDGs and how you can contribute to them?

- a. Yes, I would like to contribute, tell me how
- b. Yes, I would like to receive further information
- c. It is interesting, but I'm too busy to think about it!
- d. I'm not interested

Please give us some information about your person:

9. What is your age?

Aim of the questions: Independent variable.

Type of question: Single Choice

- a. Under 30
- b. 31- 45
- c. 46 and older.

10. What is your gender?

Aim of the questions: Independent variable.

Type of question: Single Choice

- a. Female
- b. Male

c. Inter/divers

11. How long have you been working in the rail sector:

- a. less than 1 year
- b. between 1 and 5 years
- c. between 6 and 10 years
- d. More that 10 years

12. To which rail sector domain is your job related to:

- a. Transport services (passenger, freight...)
- b. Infrastructure (rails, signalling, vehicles...)
- c. Human Resource services (management, training...)
- d. Business and Administration (sales, customer service, ticketing...)

13. How would you define your job position:

- a. Operational: e.g. conductor, operator, inspector, maintenance engineer, ...
- b. Manager: designer, planner, group manager, engineer, researcher, ...
- c. Director: operation director, commercial director, ...

Thank you for your time and the data you have shared with us. It is a precious source of information that will be used to explore the ways SDGs can become part of professional practices.

If you want to find more information about SDGs initiatives in the railway sector, go to <https://railtalent.org/sdgs/>

ANNEX II

Interview with Trainers

REPAIR

Interview with trainers // Questions for Repair

20.2.2023/IPS

Instructions to the Interviewee before you start keep the following in mind:

DONTS: Do not judge their answers or comments. (There should be absolutely no value judgement), Do not impose your personal views (We are here to listen); Do not call them out on anything (There is no right or wrong); Do not make any assumptions. (When you think something is implied in a response, follow up to ensure);

DO: Be attentive, interested, and authentic; Make the participant feel comfortable; Concentrate on the discussion; Be sure to communicate that their views are being heard and that you are listening; Make it a conversation, this is NOT an exam.

Why we are conducting the interviews: The purpose of the interviews is to gain an understanding of the potential of badges to promote SDG-related activities in the railway sector. Trainers are interviewed because they have a direct connection to workers in the rail sector and can assess the potential of badges through their expertise.

[INTERVIEW QUESTIONS BY SLOVENIAN/SPANISH TEAM]

...

[IMPACT RELATED QUESTIONS]

At the end of your training, you have also received a digital badge.

1. How familiar are you with digital badges?

- a. Not at all. [Claiming the badge was the first and only contact with the concept.]
- b. A bit. I have heard of it, also besides claiming the training badge.
- c. Quite familiar. I also claimed other badges.
- d. Something else: _____

2. What are your thoughts and experiences on the idea of digital badges?

Additional subquestions:

- a. *Did you download the badge? Have you used the badge? (Put it on LinkedIn.?) Why, Why not?*
- b. *What do you like, what do you not like about it?*

3. **Do you think rail sector employees would use badges to show their SDG related activities?**

Why, why not?

- a. What should be different that they would use it?
- b. What would be different when they use it?

4. **From your professional perspective as a trainer:**

a. **How do you think badges can have for improving the sustainability of your railway organisation?**

- i. In what ways? How would that work? Please explain further.

5. **What badge would you like to see for your organisation?**

6. **All in all: How interesting/relevant do you consider badges to be establish SDG-promoting practices in the future?** (0 not interesting at all, 10 very interesting)

0- 1- 2- 3- 4- 5- 6- 7- 8- 9- 10

[AFTER THE INTERVIEW]

After the interview, tick the boxed that apply and add what has been said about it.

	Explicitly approved	Partly approved	Partly disapproved	Explicitly disapproved	Not talked about
1. Badges show active practices towards the SDGs. That makes it easier to learn from/about them.					
What has been said about it?					
2. Badges increase the visibility of SDG-active employees.					
What has been said about it?					
3. Badges facilitate to find other like-minded peers in working for the SDGs.					
What has been said about it?					
4. With badges, employees can exchange their know-how and experiences in working towards the SDGs more easily.					
What has been said about it?					
5. Badges are a form of recognition of SDG-engagement.					
What has been said about it?					

ANNEX III

Quantitative User Survey

Default Question Block



Are you interested in digital badges? Have you ever claimed a digital badge?

If so, we would like to ask a few questions about your experience with digital badges.

Thank you for taking **3 minutes** for this survey. You help us to better understand the potential of digital badges.

All your data is being saved anonymously.

This survey is part of the ERASMUS+ project "[REPAIR](#)".

First of all: Have you ever claimed a digital badge?

- Yes, I have.
- No, I haven't.

If you have claimed more than one badge so far:

Please think of the digital badge that is most relevant to you, personally.

What kind of badge is this badge?

- One of the Repair project badges, eg
- Some other digital badge.



How would you rate the overall experience of claiming this badge?



excellent



good



medium



bad



horrible



don't know, no
answer



Would you use the same process to claim this badge again?



yes, definitely



rather yes



maybe



rather no





no, definitely
not

don't know, no
answer

What applies to you since you claimed this badge? Click all that apply.

- I looked for others with similar badges.
- I put it on my social media profile.
- I put it in my e-mail-signature.
- I contacted someone because of his/her badge.
- I felt a sense of satisfaction or pride about my badge.
- I have felt a sense of belonging to a group of like-minded people.
- I downloaded the badge.
- Other:
- Nothing.

Apart from claiming this badge: How familiar are you with digital badges in general?

- Not at all. Claiming this badge was the first and only contact with the concept.
- A bit. I have heard of it, also besides claiming this badge.
- Quite familiar. I also claimed other badges.
- Other:

How familiar are you with digital badges in general?

- Not at all.
- A bit. I have heard of it.
- Quite familiar. I just haven't claimed a digital badge myself, yet.
- Other:

We are particularly interested in how digital badges can support working towards the SDGs.

Do you think that SDG-related activities are generally being recognized and valued by colleagues and superiors in your organization?

very much

much

somewhat

a little

not at all

don't know, no
answer

And do you think that digital badges are able to support organizations to effectively recognize and value employees' SDG-related activities?

very much

much

somewhat

a little

not at all

don't know, no
answer

All in all: How interesting/relevant do you consider badges to be establish SDG-promoting practices in the future?

0 - not
at all

1

2

3

4

5

6

7

8

9

10 -
very
much

What do you think are critical preconditions for implementing a SDG related badge system in your company? Pick the 3 most important to you.

- Make the use obligatory.
- Offer attractive incentives for badge claims.
- Implement digital badges as a standard with transparent rules.
- Give information and training on the use of badges.
- Create an adequate positive organizational culture.
- Make sure that badges are recognized also outside the company.
- Allow everyone to create own badges.
- Assure central validation of a badge.

Other:

Nothing.

In how far do you agree or disagree?

	totally disagree	disagree	so so	agree	totally agree
SDG-related badges facilitate to find like-minded peers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDG-related badges create awareness towards the SDGs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDG-related badges increase the visibility of engaged employees.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDG-related badges facilitate exchanging know-how and experiences in working towards the SDGs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDG-related badges are an attractive way to get recognized for your interests and competencies.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I don't see how I could profit from SDG-related badges.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is there anything else you would like to share on the idea of SDG badges, your experiences or this survey?