INTERNATIONAL UNION
OF RAILWAYS

REPAIR

Recognising Emerging Practices Anticipating Industry Renewal

France | Spain | Austria | France | Austria | Slovenia

Co-funded by the Erasmus+
programme of the European Union

Erasmus+

1 NO POVERTY
2 ZERO HUNGER
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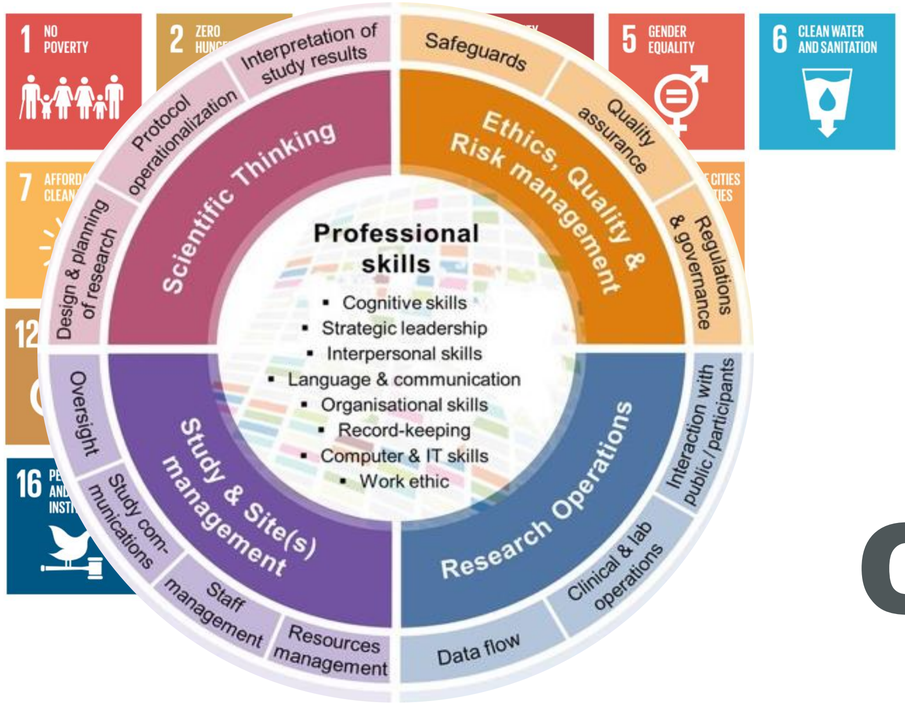
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS
SUSTAINABLE DEVELOPMENT GOALS

Context

Challenge 1

How to translate the UN 2030 Agenda for Sustainable Development Goals (SDGs) into renewed professional practices?



Challenge 2

How to update competency / occupational frameworks to take into account the emerging practices associated to SDGs?

REPAIR

Building sustainable occupational frameworks for a sustainable planet…

- Making Sustainable Development Goals (SDGs) an integral part of professional practices and occupational / competency frameworks
- Applying the lessons learned from modern mapping techniques to create lively occupational / practice /competency maps

Making SDGs an integral part of work practices

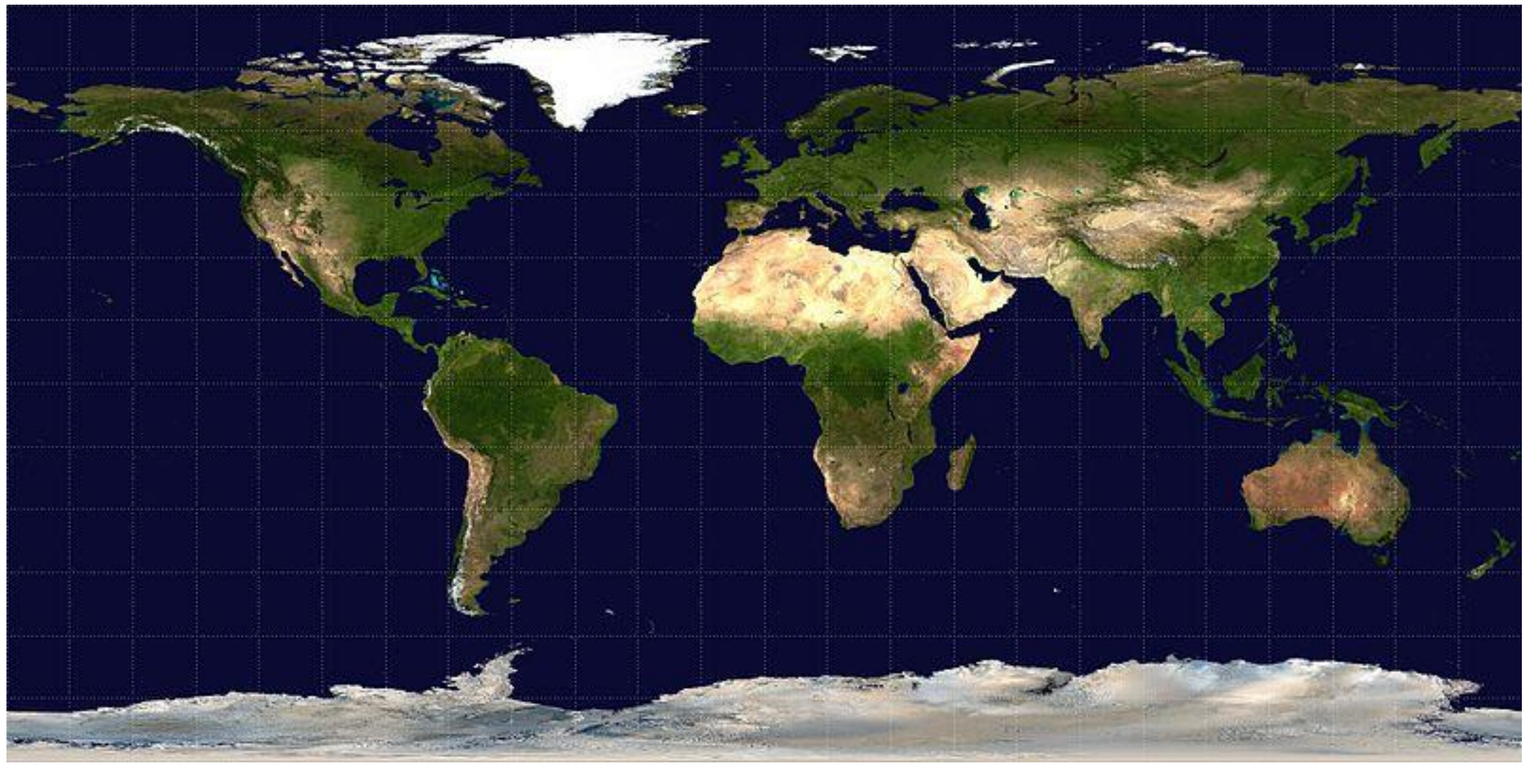
Building bottom-up occupational frameworks

- Invite professionals to reflect on work practices in relation to SDGs
- Identify the transformation (required) in work practices in relation to SDGs
- Recognise and share practices emerging from the integration of SDGs
- Identify learning opportunities and career pathways

The REPAIR Maturity Matrix

Making SDGs an integral part of work practices

Maturity	Actions
Immature	None
Awareness	Reflect, study, learn, suggest, imagine,…
Experimenting	Explore, practice, document, do, make,...
Integrating	Organise, consolidate, instrument,...
Transforming	Repurpose, reshape, remake,...



Applying the lessons learned from modern mapping techniques to create lively occupational / practice /competency maps

*…using **Open Badges**…*

Recognition

REPAIR will explore:

- how **recognition** (of people, practices, communities of practice, etc.) can have a transformative impact and
- how **making that recognition visible** (using Open Badges) could expand and accelerate the impact?

The contribution of Open Badges to the SDG RAIL Index

SDG RAILindex

REPAIR

About Open Badges

Ceci n'est pas une pipe.

metadata

La Trahison des images

Artiste	René Magritte
Date	1929
Technique	Huile sur toile
Dimensions (H × L × l)	59 × 65 × 2,54 cm
Série	Tableaux-mots
Mouvement	Surréalisme
Collection	Mr. and Mrs. William Preston Harrison Collection
N° d'inventaire	78.7
Localisation	Musée d'art du comté de Los Angeles
Inscription	Ceci n'est pas une pipe.

AEL
AFL
1
2
Fn1
INFO
OK
MENU

exif data

File type	Canon Came RAW v2
File size	7,574.7 KB
Make	Canon
Camera	Canon EOS-1D Mark II
Lens	Canon EF 24-70mm F2, 8L USM
Dimension	3504 x 2336 px (8.2 MP, 3:2)
Aperture	F4.5
Program	Program AE (Manual)
Focus Mode	One-Shot AF
Flash	Flash did no fire, compulsory flash mode

Open Badge metadata

Recipient	Martine Martin
Issuer	Musée Magritte
Criteria	Having visited the museum
Issuing date	12/01/2014
Evidence	

An Open Badge is a "snapshot" of a recognition

Digital Photo

image + metadata

EXIF—Exchangeable Image File Format

Open Badge

image + metadata

Open Badge file format

A verifiable, tamper-proof mark of recognition

With an **Open Badge** you can **make visible**

Achievement

Practice

Commitment

Expertise

Project

Competence

...

And by making it visible...

Informal

Inclusion

Empowerment

Community

Traditional

Past

Static

Recognition

Future

Dynamic

Non-traditional

Institution

Conformance

Enabling

Formal

Informal

Inclusion

Empowerment

August 3 2020

IBM awards its three millionth digital badge (and disrupts the labor market in five big ways)

Conformance

Enabling

Formal

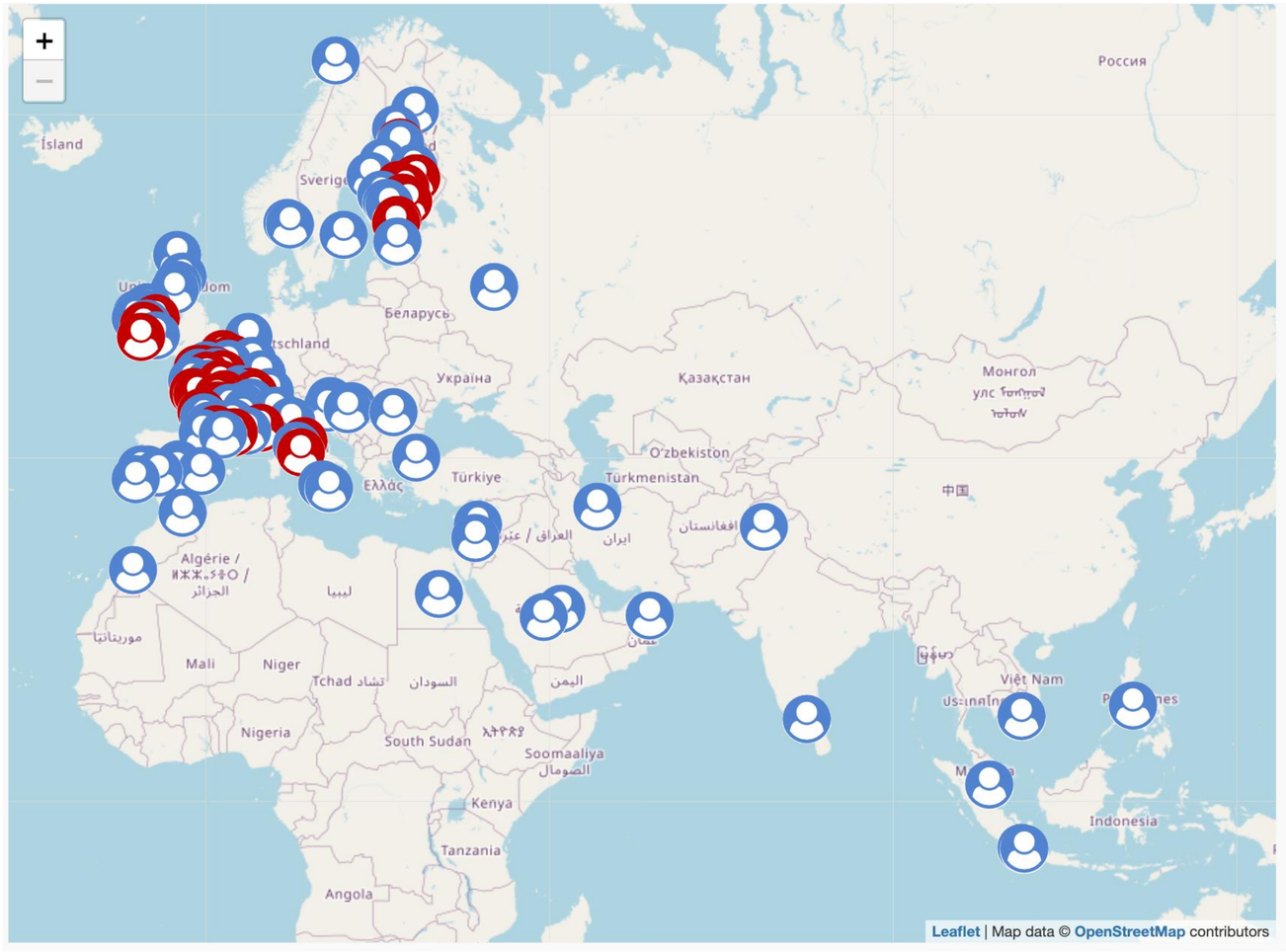
REPAIR / Rail Index Recognition Badges

Making SDGs an integral part of work practices

Maturity	Actions	Open Badges (ex.)
Immature	None	-
Awareness	reflect, study, learn, suggest, imagine,…	Commitment, suggestion
Experimenting	Explore, practice, document, do, make,...	Documented practice, endorsement
Integrating	Organise, consolidate, instrument,...	RAIL Index Ambassador, Quality Mark
Transforming	Repurpose, reshape, remake,...	…

REPAIR / Rail Index Recognition Badges

Making visible SDGs work practices



Thank you for your attention

Stay in touch with UIC:

www.uic.org

#UICrail

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Contact: AMIRAULT@uic.org

Co-funded by the Erasmus+ programme of the European Union