



#### Reliable Green -

Remote work, telework and learning with innovative and accessible educational resources for businesses and labour markets in Europeans Green Economy



# Module: Using Technology for preparing and sharing content



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#### Introduction







#### Introduction

In this module of the Reliable GREEN course we explore the psychology of creating and sharing videos for teaching and learning. We are taking a closer look at what is OER (OpenEducationalResoureces), what makes an OER accessible and what are the forms and types of OER licences



#### The six modules of Reliable Green



The learning course consists of 6 modules

Using technology to assess learning and teaching effectively in online environments.

Using technology to assess learning

Putting tech to teach

Reliable Green

Topic-related

modules

prepare and sharing content

Using technology to facilitate virtual trainings

Using technology to

Applying Universal Design for Learning principles with technology

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#### The six modules of Reliable Green



Today, we focus on "Using technology to prepare and sharing content

Using technology to assess learning and teaching effectively in online environments.

Using technology to assess learning

Putting tech to teach

Using technology to prepare and sharing content

Reliable Green
Topic-related
modules

Using technology to facilitate virtual trainings

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#### Using technology to prepare and sharing content



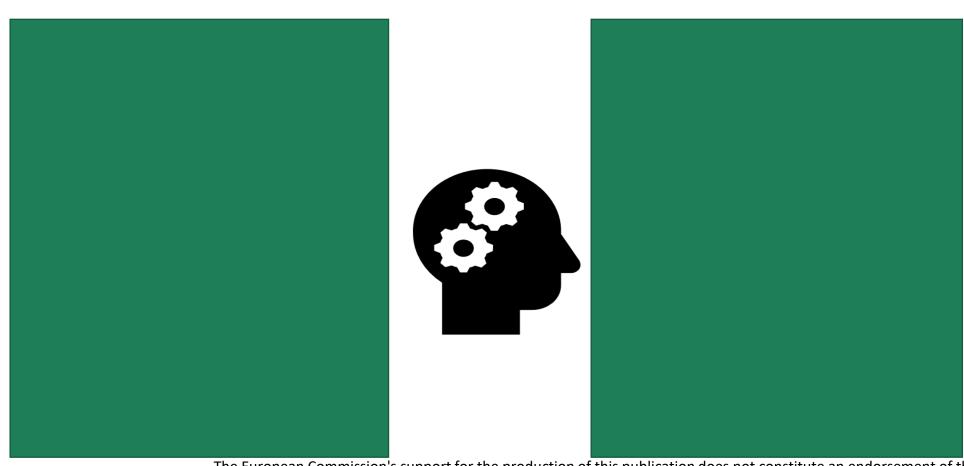




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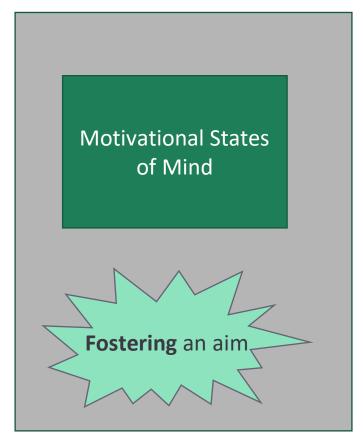




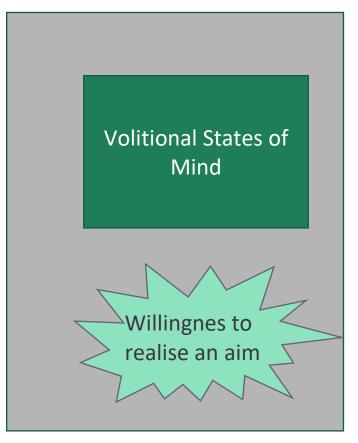






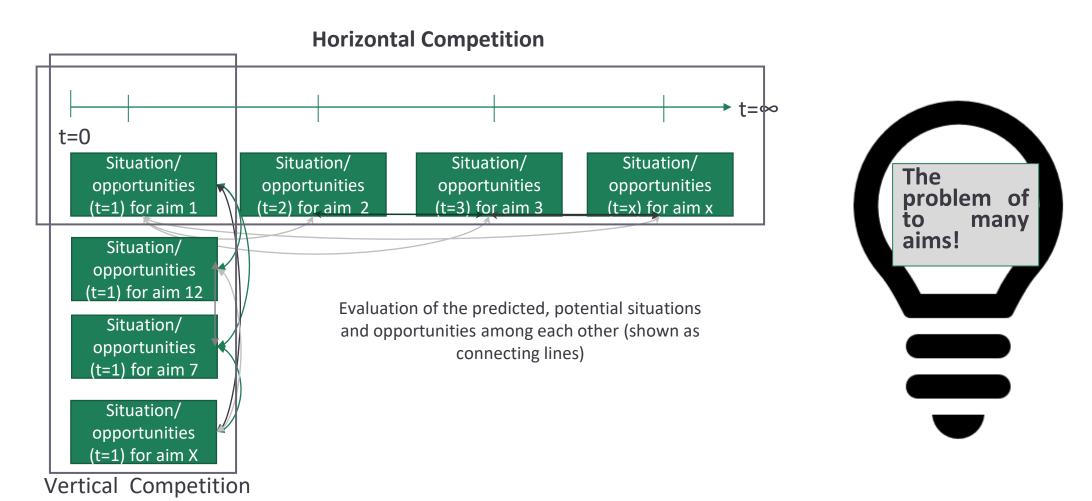
















# **Creating and sharing OER**

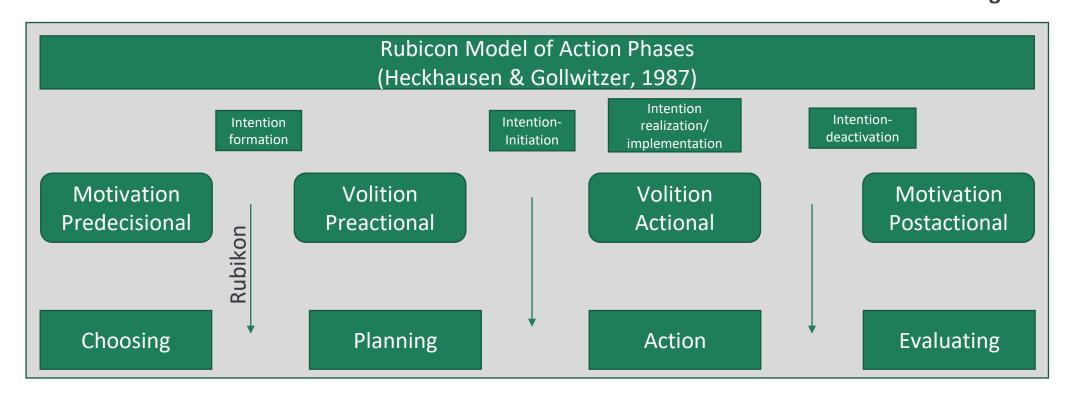
COMBINING THE PSYCHOLOGY OF CREATING AND SHARING IN A MOTIVATIONAL AND VOLITIONAL MODELL OF ACTING



#### Creating and sharing OER



### Combining the psychology of creating and sharing in a motivational and volitional modell of acting









Rubicon Model of Action Phases  Action Phase and Mind- Set		
	Pre- decisional:	
	Choosing	
	Pre-actional:	
	Planning	
	Actional:	
	Acting	
	Post- actional:	
	Evaluation	





Rubicon Model of Action Phases		
Action Phase and Mind- Set		
I.	Why do I want to create and share my resources under an	Pre- decisional:
	open licenses?	Choosing
II.	Which other tasks could determine my aim to create and	
	share my OER?	
1.	What do I have to prepare before creating and sharing	Pre-actional:
	OER?	Planning
11.	What do I need to create OER?	
I.	What and how can I create my OER? Plattforms? Tools?	Actional:
	External Sources?	Acting
I.	How is the quality of the OER?	Post- actional:
П.	How can I rate this?	Evaluation





# Focus: Challenges of creating and sharing OER

**GROUP WORKING PHASE** 







- 1. What can be motivational challenges to foster the aim to create and share OER?
- 1. What can prohibit/ make more difficult to realise the aim to create and share OER?

Please take 15 minutes to brainstorm motivational challengeges of creating and sharing OER!

Please make some notice/bulletpoints on the post-it!





Motivational challenges to forster the aim to create and share OER?

#### Results from qualitative expert studie 2021/2022

- Missing experience in OER
- Additional effort for creation and sharing
- Unknown licenses
- Missing loopbacks of external materials
- Technical barriers



Planing and preparing

1. Volitional challenges of (pre)preparing the creation and sharing of OER?

In the Rubicon Model of Action Phases this not mean the actional process of creation!

Please take 15 minutes to brainstorm volitional challengeges of creating and sharing OER!

Please make some notice/ bulletpoints on the postit!





Planing and preparing

Please take 15 Minutes to brainstorm volitional challenges for creating and sharing OER

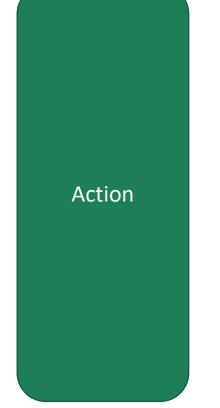
#### Results from studies 2021/2022

- The results shown that experts take the activity of planning to choosing as motivational, kognitiv process
- and preparing as actional, and volitional process.

No specific changes in the results compared to the phase of choosing!







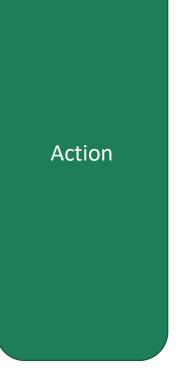
- 1. What can be volitional challenges of creating OER?
- 2. What can prohibit to realise the aim to create and share OER?

Please take 15 minutes to brainstorm volitional challenges of creating and sharing OER!

Please make some notice/bulletpoints on the post-it!







#### Results from studies 2021/2022

- Financial challenges
- Help from experts
- Missing guidelines about OER
- Missing networks and platforms, tools
- Fear of mistakes and no time
- No incentives from supervisors
- No quality controls
- Etc.





1. What can be a motivational challenges of evaluating OER?

**Evaluating** 

Please take 15 minutes to brainstorm motivational challenges of creating and sharing OER!

Please make some notice/bulletpoints on the post-it!







1. What can be motivtional challanges of evaluating OER?

#### Results from studies 2021/2022

- Lack of quality controls
- Missing loopbacks
- No expertise
- No time and extra effort









#### Table of content



- 1. What are Open Educational Resources?
- 1. Forms and Types of OER licences
- 2. OER Creating, Using and Sharing open educational resources
- 1. Sharing Experiences Where and how to share?

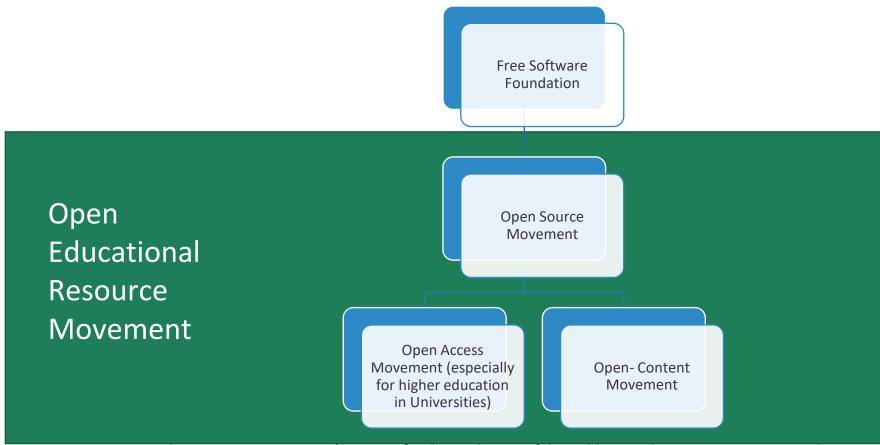




# What are Open Educational Resources











# **Group Task**

#### INVITATION





#### Please discuss with your neighbour

- I. What is a OER?
- I. What makes it open/comparable to other materials?
- I. How can you share the OER?
- I. Where can you share it? Is there any speciall plattform(s) in your country to share educational sources?

30 minutes for preperation

Please write your ideas on the post-it's and pin it on the flip chart





# Some popular defintions of OER





#### Focus on some definitions:

The term OER was first used in 2002 in the UNESCO conference report "Forum on the Impact of Open Courseware for Higher Education in Developing Countries" and thus introduced into the discussions.

"The open provision of educational resources, enabled by information and communication technologies, for consultation, use and adaptation by a community of users for non-commercial purposes" (UNESCSO 2002).

UNESCO (2002), 'Forum on the Impact of Open Courseware for Higher Education in Developing Countries' in 2002, report available online at http://portal.unesco.org/ci/en/ev.php-URL\_ID=5303&URL\_DO=DO\_TOPIC&URL\_SECTION=201.html, last accessed March 2022.





#### Focus on some definitions:

"OER are digitised materials offered freely and openly for educators, students, and self-learners to use and reuse for teaching, learning, and research. OER includes learning content, software tools to develop, use, and distribute content, and implementation resources such as open licences." (OECD 2007)

OECD (2007): Giving Knowledge for Free, The emergence of open educational resources, Centre for educational research and innovation. P. 30ff. Link: <a href="http://www.oecd.org/edu/ceri/38654317.pdf">http://www.oecd.org/edu/ceri/38654317.pdf</a>.





#### Focus on some definitions:

In 2012, the first UNESCO World Congress on Open Educational Resources took place in Paris with over 400 participants.

At the congress, the "2012 Paris OER Declaration" was adopted, calling on UNESCO member states to promote the creation and use of OER.





#### Focus on some definitions:

"Open Educational Resources are teaching, learning and research materials in any medium – digital or otherwise – that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions." (Hewelett Foundation 2019)

Hewelett Foundation (2019): Retrieved from the Internet: <a href="https://hewlett.org/strategy/open-educational-resources/">https://hewlett.org/strategy/open-educational-resources/</a>. Last access date: March 2022.





# What makes a resource open?

WILEY'S 5RS OF OPENNESS (2014)

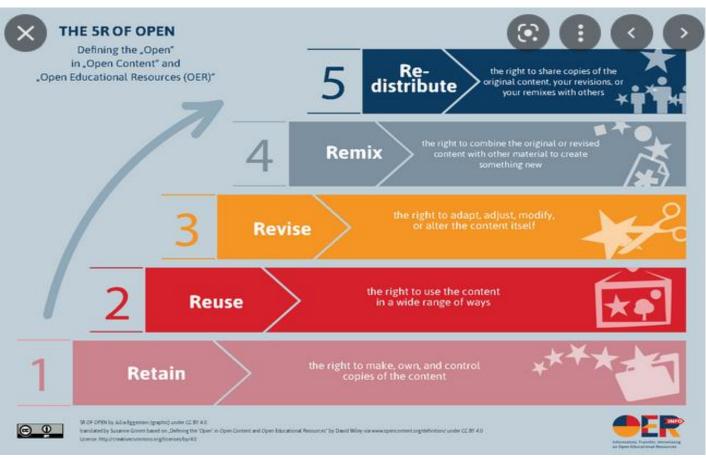






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the right to use the content in a wide range of ways (e.g., in a class, in a study group, on a website, in a video)



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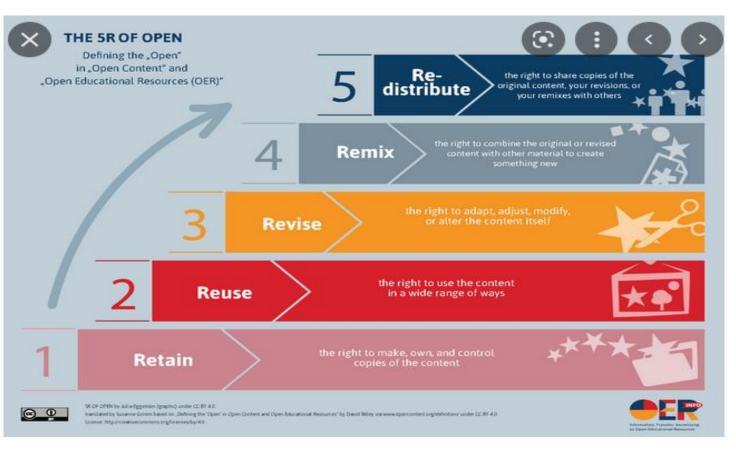






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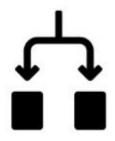
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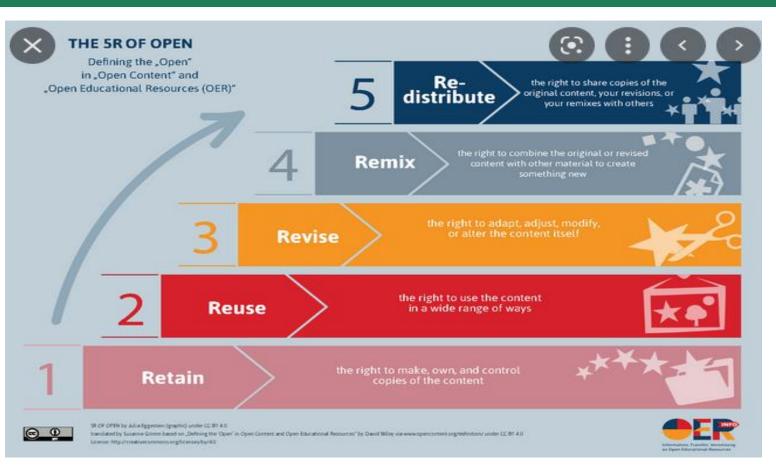






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#### **Summary of 5R of Openess by David Willey:**

- **1.Retain** the right to make, own, and control copies of the content (e.g., download, duplicate, store, and manage)
- **2.Reuse** the right to use the content in a wide range of ways (e.g., in a class, in a study group, on a website, in a video)
- **3.Revise** the right to adapt, adjust, modify, or alter the content itself (e.g., translate the content into another language)
- **4.Remix** the right to combine the original or revised content with other material to create something new (e.g., incorporate the content into a mashup)
- **5.Redistribute** the right to share copies of the original content, your revisions, or your remixes with others (e.g., give a copy of the content to a friend)

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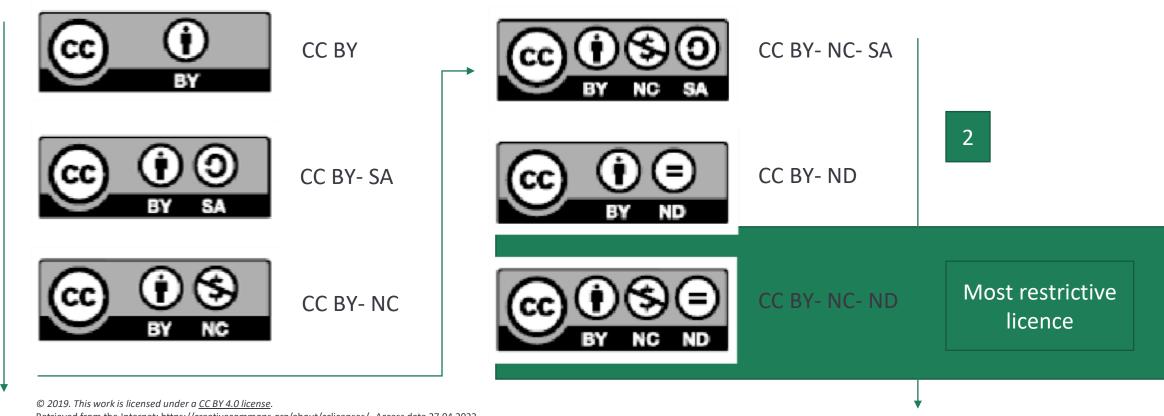
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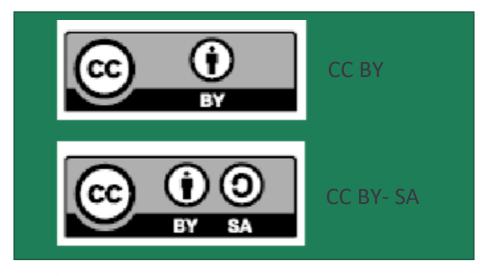
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Where and how to share?



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