If your session is for a webinar presentations, please answer the following:

- How does your session address the UNESCO OER Recommendation?
- Briefly describe your initiative (goals/objectives).
- Address lessons learned including successes, challenges and key recommendations.

**Entering mainstream adoption: how TUDelft and UTwente collaboratively embrace OERs**

Grasple’s session addresses the first UNESCO OER Recommendation, *Building capacity of stakeholders to create, access, use, adapt, and redistribute OER*.

In this session, we:
- Share the experiences of two organizations (TUDelft and University of Twente, UT) that have both switched from copyright publishers to OER;
- Provide best practices for organizations that want to collaborate with other organizations in sharing OER;
- Provide recommendations for new types of software tools that are required/beneficial for facilitating this new type of distributed collaboration.

**Brief description of the webinar including successes, challenges, and key recommendations:**

OERs are entering mainstream adoption. In our session, we present a hands-on Case Study on how two leading technical universities created and shared interactive exercises for their entire math curricula: TUDelft and UT. With the support of Grasple, both universities have created thousands of rich, interactive, online exercises together. They now share these exercises with their organizations and with an international community of educators.

Over the past years, dozens of instructors have collaborated on creating, reviewing, and publishing these exercises—learning material that is now being adopted across the world. Our webinar will take a deep dive into the experiences of TUDelft and UT, review relevant best practices and share an outlook on the new set of tools required to facilitate this new and extensive form of collaboration between different organizations.

=============

**Extended Outline**

In this webinar, Grasple will present a hands-on Case Study of how two leading Technical Universities switched from copyright publishers to creating, finding, and sharing OERs. It’s the story of Delft University of Technology (TUDelft) and University of Twente (UTwente).

TUDelft is the largest technical university in The Netherlands. In 2018, the math department decided to implement a blended learning environment to help transform the traditional courses to a more activating format. With the use of Grasple (an OER focused exercise
editor, practice and assessment platform), they quickly created hundreds of online, interactive exercises that allowed students to practice math more frequently and receive immediate feedback on their work. TUDelft first shared all these exercises with their own students but soon decided to review all exercises and subsequently publish them on Grasple's website. Under CC licenses, and for the whole world to use.

In 2020, the University of Twente (UTwente) switched from a commercial publisher using copyrighted materials to OERs. As Grasple's platform serves as a reliable source for curated, high-quality exercises, UTwente decided to completely turn to reusing the openly available exercises created by TUDelft in their own courses. Upon request, Grasple adapted, curated, and created additional exercises for UTwente. We developed a coherent collection of learning materials that fitted the needs of UTwente – all under CC licenses. Currently, UTwente is further adding exercises to this extensive collection and will soon share their created learning material in community repositories. With Grasple as their intermediary, both organizations have the opportunity to easily create and adapt open exercises, sharing them back and forth. As a result, they both benefit from contributions and efforts.

**Webinar attendees will learn about the experiences of instructors at both universities.** Why did they decide to turn to OERs? And what have their efforts resulted in? Attendees hear more about the best practices both organizations defined, based on these experiences. We will go into the challenges that this new form of collaboration between organizations introduced. We share how both universities organize this extensive number of learning materials, how they track changes, and how they can make sure an adapted version of an exercise is an actual improvement or an educator's personal preference.

Finally, we will share how Grasple believes these challenges can be solved, and we therefore introduce our new type of collaborative software. This includes advanced version-control and a smart notification system, so instructors can reuse each other's materials and create their own versions. Creators are then notified when changes are made and offered to accept these changes as improvements or to create parallel versions of an exercise.

**The key takeaway from this webinar is that attendees will learn from the experiences of two leading technical universities.** They quickly discover what a curator such as Grasple can do for them, and gain more insight into implementing OERs into their own organizations.

If participants are interested, they are welcome afterwards to join Grasple's open Teacher Community, and can decide if it's relevant for them to cross-collaborate with other universities. By sharing exercises, but also on a more didactic level.