

CASE STUDY n° 4	
Title of the Case Study	Promoting the development of online courses using free digital educational resources
Title of the Module it is linked to	How to create new adapted content for remote and blended learning activities
Introduction	<p>Context</p> <p>In an era where digital transformation is pivotal in education, the French Digital University initiative stands out by bridging the gap between traditional and online learning. The initiative, which encompasses over a hundred French higher education and research establishments, addresses the need for accessible and high-quality digital educational resources. These resources aim to enrich teaching practices and facilitate learning, regardless of students' physical locations. The main challenge faced is ensuring these resources are of high quality, technically sound, scientifically accurate, and pedagogically effective while being freely accessible.</p>
Description/Narrative	<p>Description</p> <p>The French Digital University offers a comprehensive collection of approximately 30,000 open educational resources, which undergo strict validation processes to guarantee their quality. These resources support various educational methods, including flipped classrooms, blended learning, and independent study. The Digital University also collaborates on creating MOOCs, cross-disciplinary tests, remediation resources, and structured training programmes. By indexing and making resources from various educational institutions accessible through specialised portals, the Digital University promotes a collaborative approach to education, enhancing both the quality and accessibility of online learning materials.</p>
Solutions/Lessons	<p>Solutions found and lessons learned</p> <p>Solutions Found:</p> <ol style="list-style-type: none"> 1. Collaborative resource development: The digital University thematic networks (UTNs) focus on creating and sharing educational resources that meet rigorous technical, scientific, and pedagogical standards. This collaborative approach ensures diverse and high-quality content. 2. MOOCs and structured training: development of MOOCs and structured training programmes provides comprehensive learning pathways, allowing for both cross-disciplinary and specialised education. These resources help in adapting to various teaching methods and learning needs. 3. Open access and free resources: Making the majority of resources open-access and free of charge ensures wide accessibility. This democratises education by providing equal

	<p>learning opportunities for all students, regardless of their geographical or financial constraints.</p> <p>4. Validation processes: implementing rigorous validation processes by experts ensures the quality and reliability of educational resources. This instill confidence in users regarding the content they are engaging with.</p> <p>Lessons Learned:</p> <ul style="list-style-type: none"> ● Quality assurance is important : ensuring high standards in educational resources is essential for their acceptance and effectiveness. Rigorous validation by experts in technical, scientific, and pedagogical fields is key. ● Accessibility enhances learning: Providing resources that are freely accessible promotes inclusivity in education. It allows learners from diverse backgrounds to benefit from high-quality educational materials. ● Collaborative efforts for better results: Collaboration among various educational institutions enriches the overall resources and introduces varied perspectives and expertise, leading to more comprehensive educational content. ● Adaptability to different learning styles: Offering resources that cater to different teaching and learning methods, such as flipped classrooms and blended learning, enhances the flexibility and effectiveness of education. <p>Exercise for Learners:</p> <ol style="list-style-type: none"> 1. Evaluate then validate: choose a set of digital educational resources from an online platform. Critically evaluate their technical, scientific, and pedagogical quality. Develop a validation checklist and report your findings. 2. Design a MOOC: Create an outline for a Massive Open Online Course (MOOC) on a topic of your choice. Include objectives, modules, resources, and assessment methods. Ensure the course is accessible and engaging. 3. Collaborative resource creation: In groups, create a set of educational resources on a specific subject. Share your resources with another group for feedback. Revise your materials based on the feedback received and reflect on the collaborative process.
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