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Advancing Digital Empowerment
of Libraries in Europe

Case studies template

PR2



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Introduction

This document provides the template for the development of the Case Studies on digital transformation in libraries.

The ADELE project aims to contribute to the internationalisation of organisations that choose a path of digital transformation. Through the network they can connect, collaborate, compare, and exchange ideas with organisations across Europe and beyond.

The 100 case studies are aimed at initiating the digital transformation of libraries and inspiring libraries that want to improve their performance on certain areas of the tool.

The areas of the ADELE tool cover the use of digital technologies in libraries from different perspectives: management, infrastructure and equipment but also lifelong learning, users training opportunities and community and stakeholders involvement.

The case studies may be linked to an activity, a service, a new professional profile, an initiative, a place or a library infrastructure in line with the areas and the statements of the ADELE tool. We aim to create a database of good practices to foster innovation and the adoption of digital practices in the library.

Library presenting the case study (Name, city, website and contact details)	Kaunas Municipal Vincas Kudirka Public Library Kaunas, Lithuania Website: https://www.kaunas.mvb.lt/ Contact mail: simona.dirmiene@kaunas.mvb.lt
Title of the case study	3D printing courses in the Library
Area of ADELE tool illustrated by the case study <i>Please underline the selected area</i>	<input type="checkbox"/> Management <input type="checkbox"/> Infrastructure, Equipment and Support <input type="checkbox"/> Continuing Professional Development <input type="checkbox"/> Self-reflection on digital competences <input checked="" type="checkbox"/> Learning opportunities on digital competences for users <input type="checkbox"/> Collaboration, Networking, and Community
Description of the experience: aim, methods and outcomes	<p>This activity is a part of an ERASMUS+ project “ADaPT4Future: ADult People create Technologies for their Future”, led by “Robotikos mokykla”.</p> <p>In the rapidly changing, dynamic environment of the information society, the role of libraries is also changing, they must look for new forms and ways to meet the needs of the community, create new services, and expand their range. Innovative, interesting services that meet the needs of modern society are one of the ways to attract the community to the library and expand audiences. STEM (Science, Technology, Engineering, Mathematic) skills are extremely important, but there is still a lack of technological training for adults, especially for those who have fewer opportunities due to economic or social barriers. Because of the needs of developing these skills, 3D printing courses for adults and senior citizens were organized in the Library.</p> <p>In the classes, not only the theoretical possibilities of 3D printing were presented, but there were also workshops during which participants could print their own 3D projects. They printed details for art projects, pencil cases, storage boxes, shelf holders, etc. Learning how to use the Tinkercad program focused a lot on practical work and tasks, the completion of which helped the participants to better master the intricacies of 3D printing.</p>
Resources needed to implement the idea Please, provide any link and/or send them in attachment	<ul style="list-style-type: none"> • Librarians and educators; • Tinkercad program; • 3D printers; • Accessible classroom; • Plastic for printing; • Learning material; • Computers.
Target groups	Adults and seniors
Elements of innovation	<p>This activity is innovative, because the use of 3D printers is still not common in people’s everyday life and the library provides an opportunity to learn this technology and use its printers.</p> <p>The development of STEM skills, mainly related to highly skilled work, is one of the main priorities of the formal and non-formal</p>

	education sectors in all European countries and beyond. However, the emerging offer of technological education is still limited for adults, especially those with fewer opportunities due to economic, social, geographic or migrant background barriers. Local community learning centers can fill this gap as they are already established as providers of non-formal digital education.
Tips to other library staff using this idea	<ul style="list-style-type: none"> • Find motivated teachers; • Get some proper working 3D printers; • Create things, which have a practical use; • Get funding for materials.
Keywords	#equipment #3dprinting #userskills #digitalskills
References	<p>Website: https://robotikismokykla.lt/startuojame-su-nauju-erasmus-projektu-adapt4future/ https://www.kaunas.mvb.lt/kaunieciai-bibliotekoje-mokesi-3d-spausdinimo Facebook page: https://www.facebook.com/Robotikos.mokykla</p>