

Output factsheet: Tools

Version 1

Project index number and acronym	CE1324 CerDee
Lead partner	Porzellanikon - Staatliches Museum für Porzellan in Hohenberg a. d. Eger / Selb
Output number and title	O.T2.2 Virtual library of skills, procedures, objects, lectures
Responsible partner (PP name and number)	Narodni muzej Slovenije - PP5
Project website	https://www.interreg-central.eu/Content.Node/CerDee.html
Delivery date	04.2022

Summary description of the key features of the tool (developed and/or implemented)

The virtual library of ceramic objects, related skills, workshops and techniques is part of the Ceramics in Europe website (www.ceramicsineurope.eu). It will enable access to data about heritage in connection to ceramics in the broadest sense and ensure the sustainability and preservation of regional traditions of ceramic design. It will offer a transnational and publicly accessible library of IT-based films of significant skills, films of specific, partly no longer existing techniques in mixing bodies, forming and decorating ceramics (e.g. etching, cutout etc.). Some films may be newly produced if experts are yet available. The knowledge base is intended primarily for artists and designers of ceramics, who are looking for inspiration for their work in historical and contemporary ceramic forms and motifs. The online database consists of three main sections. In the Gallery segment of the knowledge base, carefully selected ceramic objects from museums and galleries in partner countries will be presented, dating from the Baroque to the present. Each entry will be equipped with object details (manufacture, artist, time, material, forming and decorating technique, measurements etc.) and visually presented from different views in photo gallery. In addition, where possible, 3D models and 360° spins of the object will be available. The process involves also taking high-resolution set of photographs of the objects for preparation of 360° views and 3D modelling with the use of photogrammetry. In the section Library, the user will find scans of carefully selected catalogues, articles, books, brochures and other archival documents in the field of ceramics. Extensive quantities of important documents were scanned and attributed. In the third part of the virtual database, that is the Video section, various video units will be presented, that cover various topics in the field of ceramics design. The majority of the recordings were gathered from the partners' archives or selected from already published material on YouTube - in addition, new video material will be shot about almost forgotten techniques of designing a ceramic product. The gathered and newly produced material will ensure the preservation of traditional knowledge.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

The published form of the tool has been developed by the National Museum of Slovenia in cooperation with all partners of the project in the below listed NUTS 2 regions:

GERMANY (DE) - Oberfranken (DE24), Thüringen (DEG0)
CZECH REPUBLIC (CZ) - Jihozápad (CZ03), Severozápad (CZ04)
SLOVENIA (SI) - Zahodna Slovenija (SI02)
POLAND (PL) - Dolnośląskie (PL51)
AUSTRIA (AT) - Niederösterreich (AT12)
ITALY (IT) - Emilia-Romagna (ITH5)

Expected impact and benefits of the tool for the concerned territories and target groups

The Virtual library is an interactive online tool aimed primarily for young ceramists, artists and designers looking for inspiration as well as knowledge about skills and techniques of ceramics design. The gathered content will help them to learn about (almost) forgotten and new techniques of designing a ceramics product (on the topics of e. g. forming, slip-casting, glazing, decorating and firing of ceramics) and inspires them in their work, at the same time significantly preserving the local tradition of ceramics design. In this way, we want to prevent the loss of knowledge and skills in the design of ceramics and achieve of past and present (or future) aspects of ceramics design, which will create interesting new ceramic products. The target groups are higher educational and research institutions (including students), education and training centres and schools and SMEs. The Tool will help them in the process of education and training at the same time ensuring the dissemination of knowledge and spreading of awareness of the importance of ceramics as a field of art and craft. By spreading the knowledge of history of ceramics, it will also help spreading the awareness about important cultural heritage and its conservation.

Sustainability of the tool and its transferability to other territories and stakeholders

The Virtual library enables access to heritage data in the broadest sense and ensures the sustainability of important national and international ceramics heritage, especially knowledge and praxis connected to ceramics skills and techniques, but also ceramic cultural heritage and art in general. The tool was successfully completed by uploading all gathered content from all project partners - this will ensure the survival of the ancient and unique ceramic objects from museum's collections and practical knowledge in Central Europe (and beyond) and its mediation to future generations and other territories and stakeholders. The possibilities provided by the Tool are numerous. It can be expanded to several new ceramics regions and fields. The gained skills, procedures, objects and lectures will be shared among different stakeholders as well as project partners, who will disseminate it to other staff members of the partners' organisations and by briefing decision-makers (institutional learning).

Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

The Virtual library proved to be an effective tool for spread knowledge and provide inspiration to ceramists and designers from the central Europe region and beyond. The output has a great benefit because it comprehends transnational knowledge about ceramics, its skills, techniques, heritage, styles and other. The different topics that were addressed by gathering and organizing the material from different partnering regions help to show the diversity of work procedures, cultural heritage, history, development techniques and styles that ceramists, artists and manufactures have used in the past and are still using today. The different historical backgrounds of the participating countries result in a collection of rich cultural heritage, belonging to different cultures, at the same time allowing a comparison of them and search for similarities. Therefore, stakeholders can easily gain new knowledge and inspiration with the usage of the Tool.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

In the framework of this output relevant material was collected, organized, categorized and described (e.g. YouTube clips of selected lectures and 3D-scans/360 models of selected objects by partner museum). Moreover, the gathered material was distributed to partners and made available on official Ceramics in Europe YouTube channel and on www.ceramicsineurope.eu website in the time of its publication. The Virtual library is an online knowledge base that allows access to cultural heritage in connection to ceramics in the broadest sense and ensure the sustainability and preservation of regional traditions of ceramic design. All content was distributed among project partners via partner web cloud. The Virtual library allows access to general public and target groups.

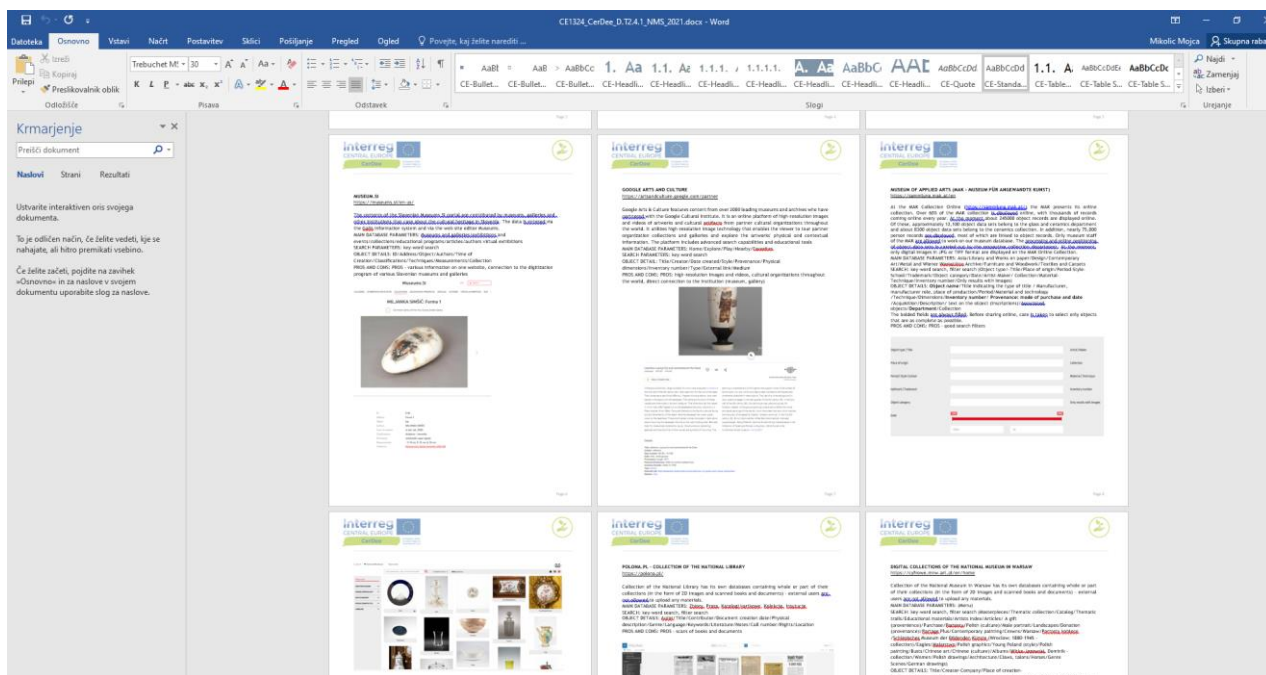
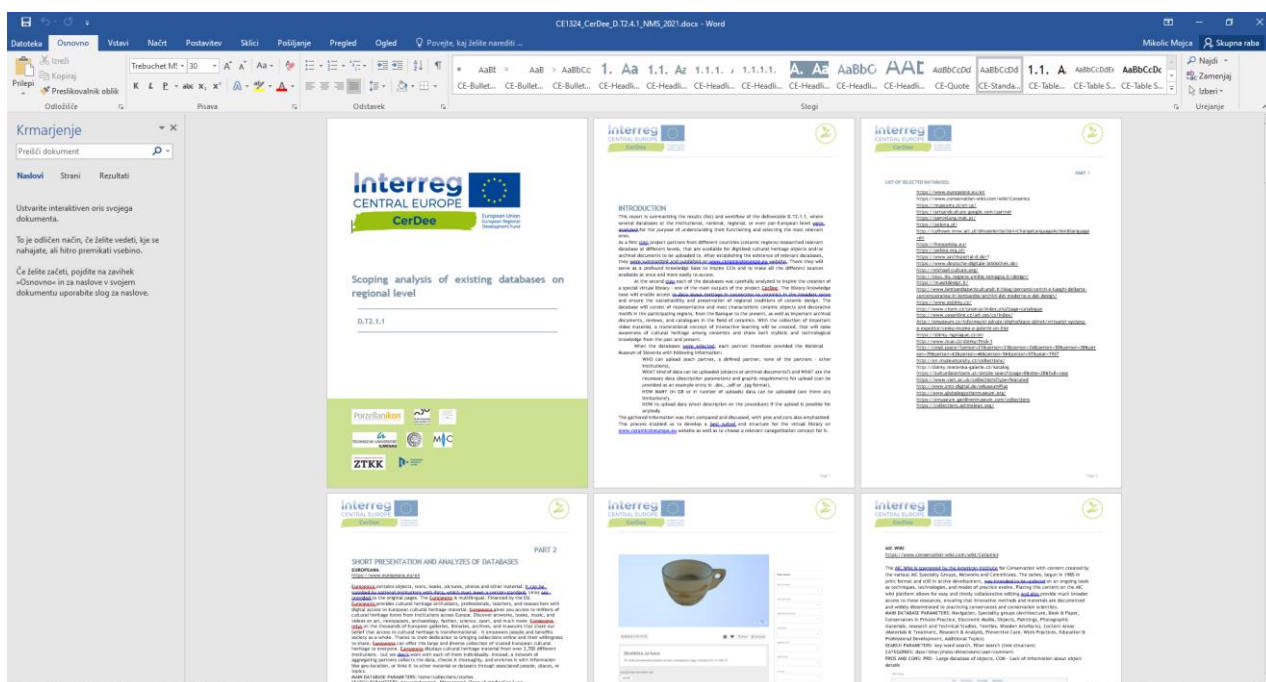
Project CerDee website - <https://www.interreg-central.eu/Content.Node/CerDee.html>

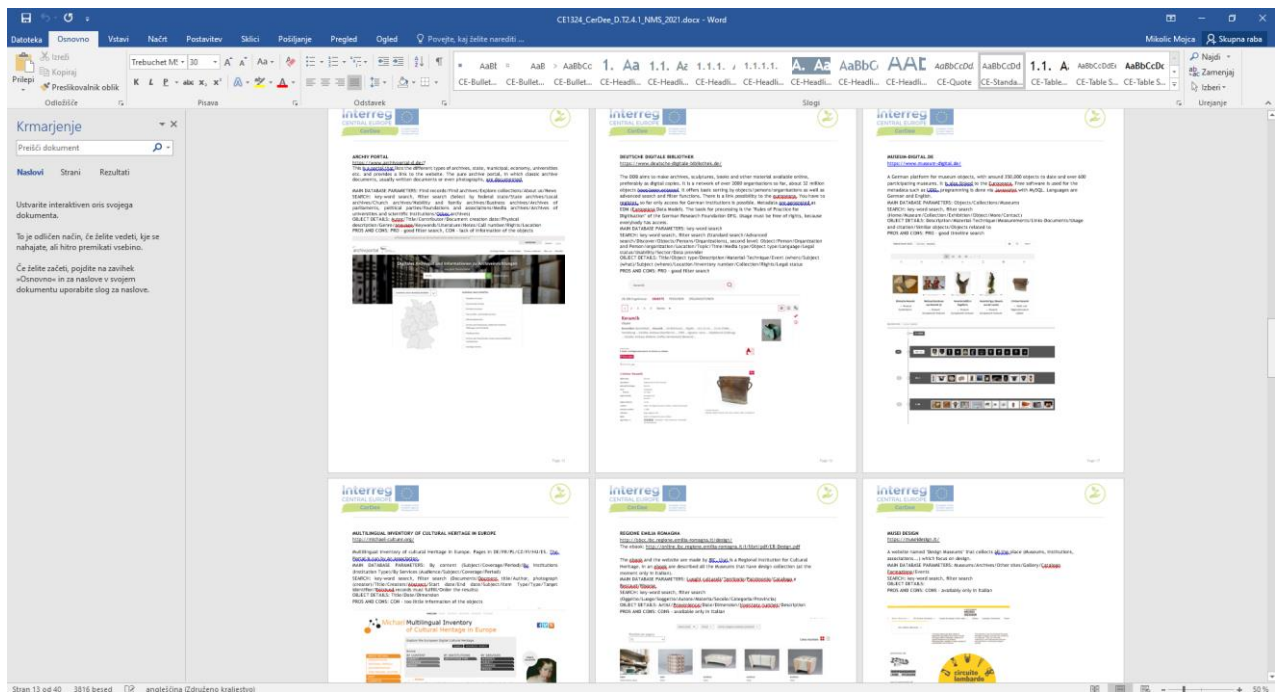
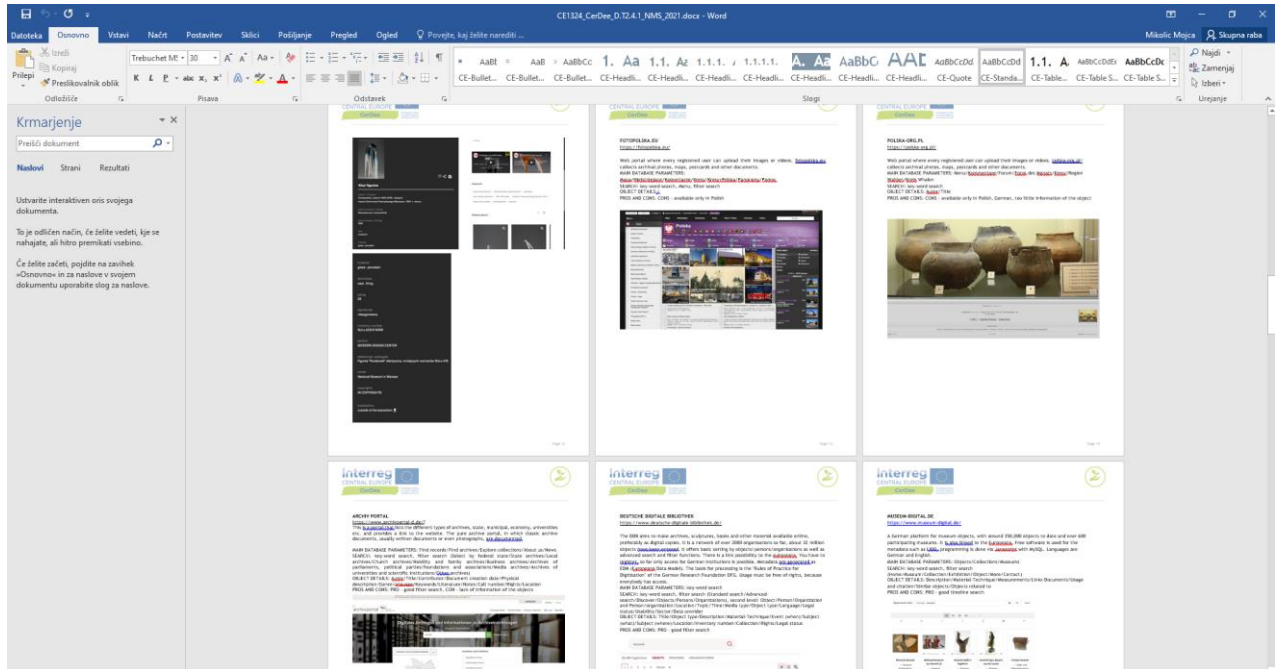
Ceramics in Europe website - <https://www.ceramicsineurope.eu/>

Ceramics in Europe YouTube channel - https://www.youtube.com/channel/UCy6TJXTAyER_917Ds8aWclQ/videos

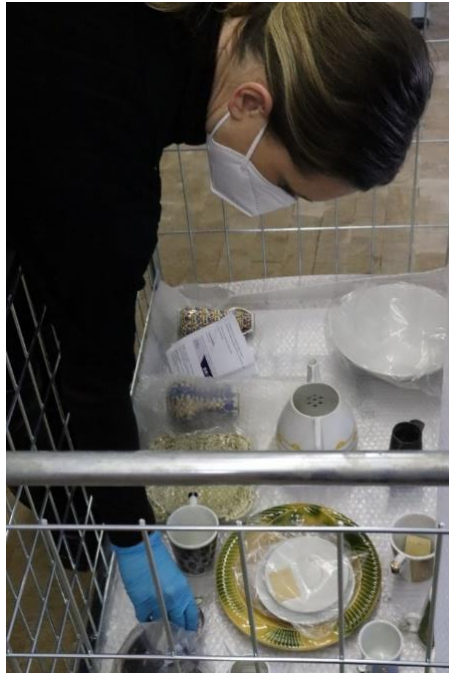
Annex

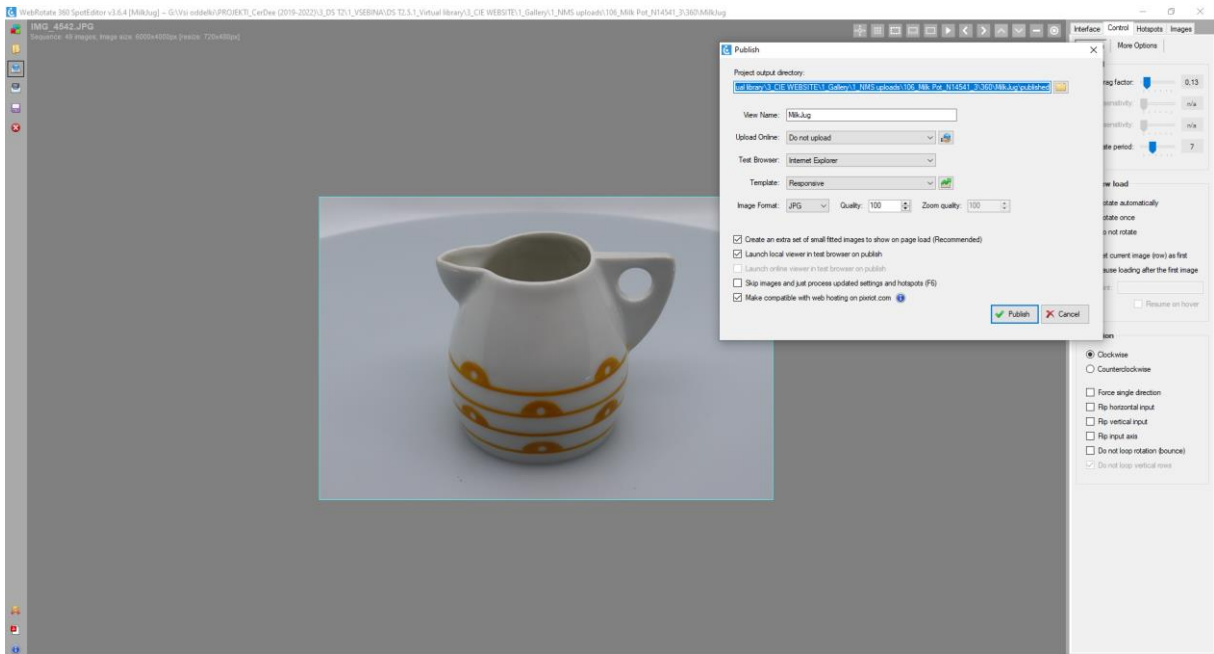
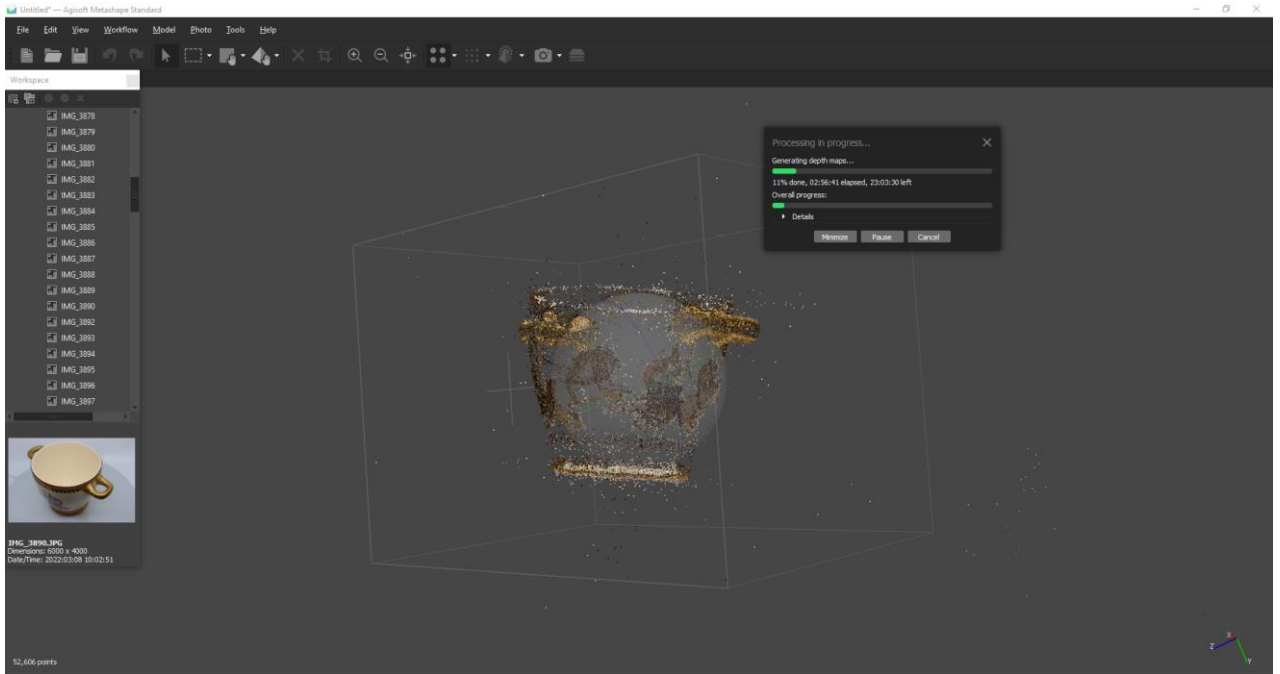
1. Work procedure: Preparing material and writing a report on online databases found in web research and review.
D.T2.1.1 - Scoping analysis of existing databases at regional level. (print screen of databases and report)

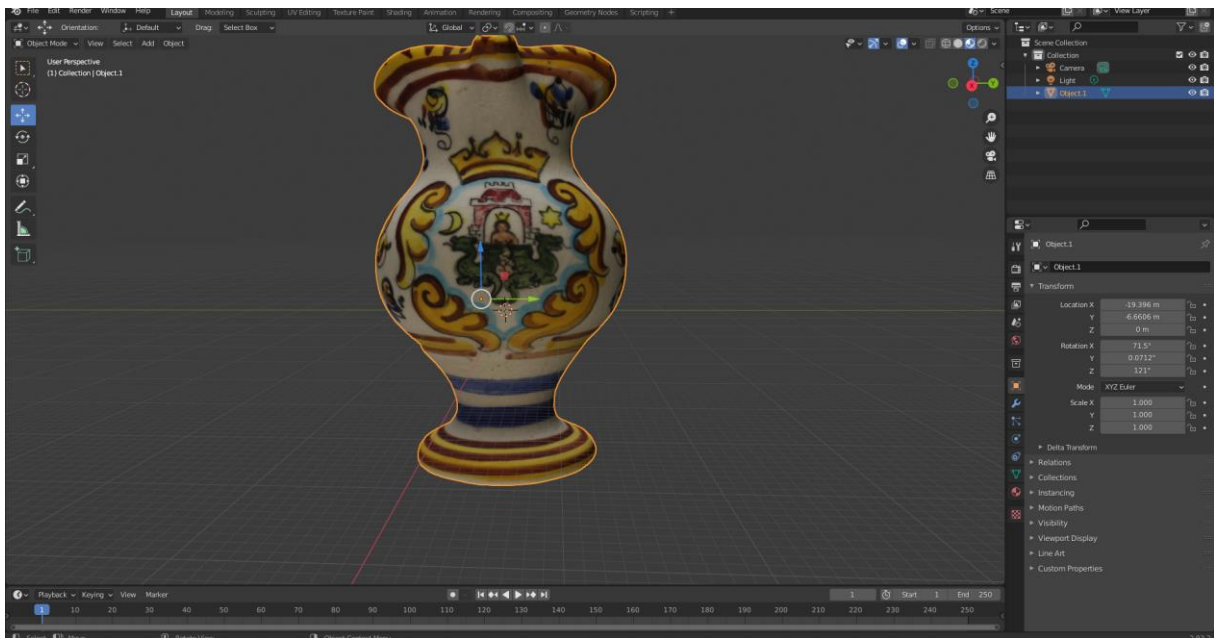
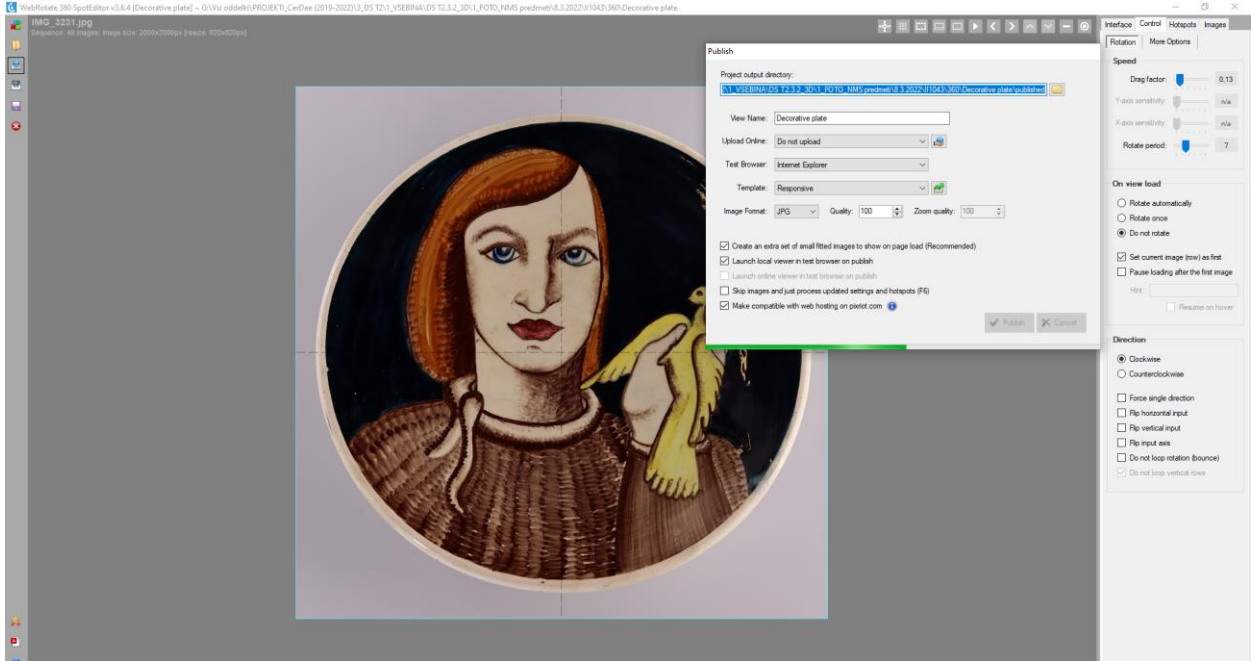


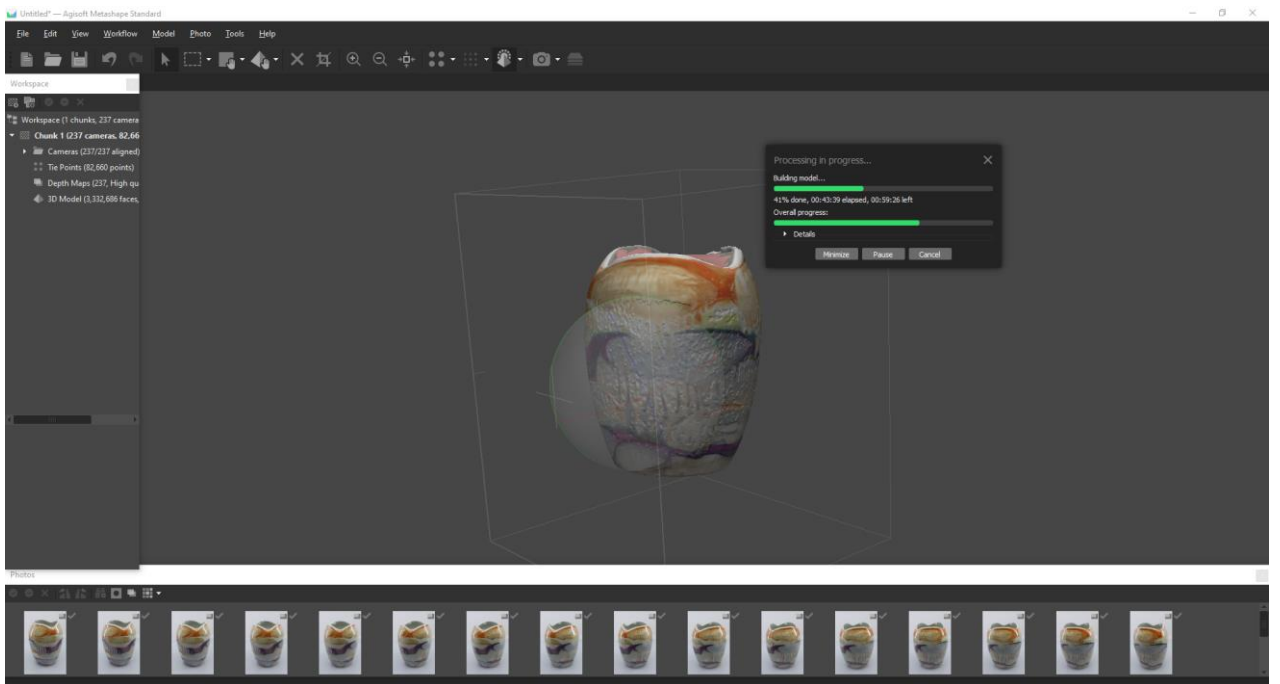


2. Work procedure: Photographing objects in the museum depo from the list 100_objects for publication on the CIE website. Creating 3D/360 models of objects with Agisoft Metashape and We Rotate software. Processing and corrections on 3D models with Blender. (photos of photographing process, print screen of 3D/360 software and Blender).

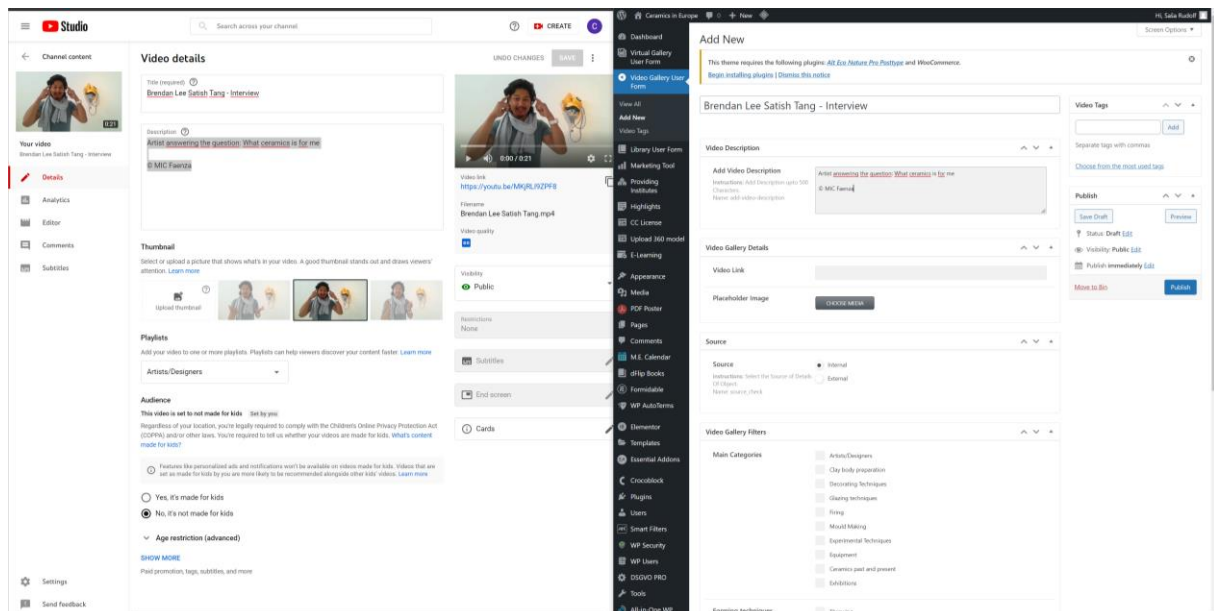
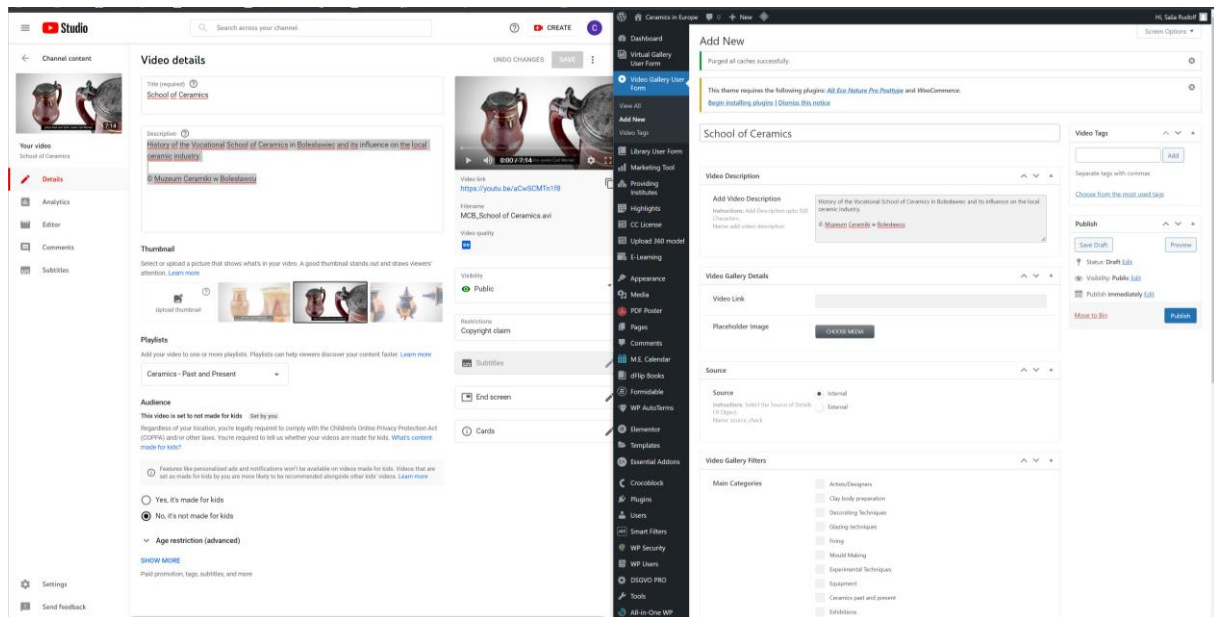


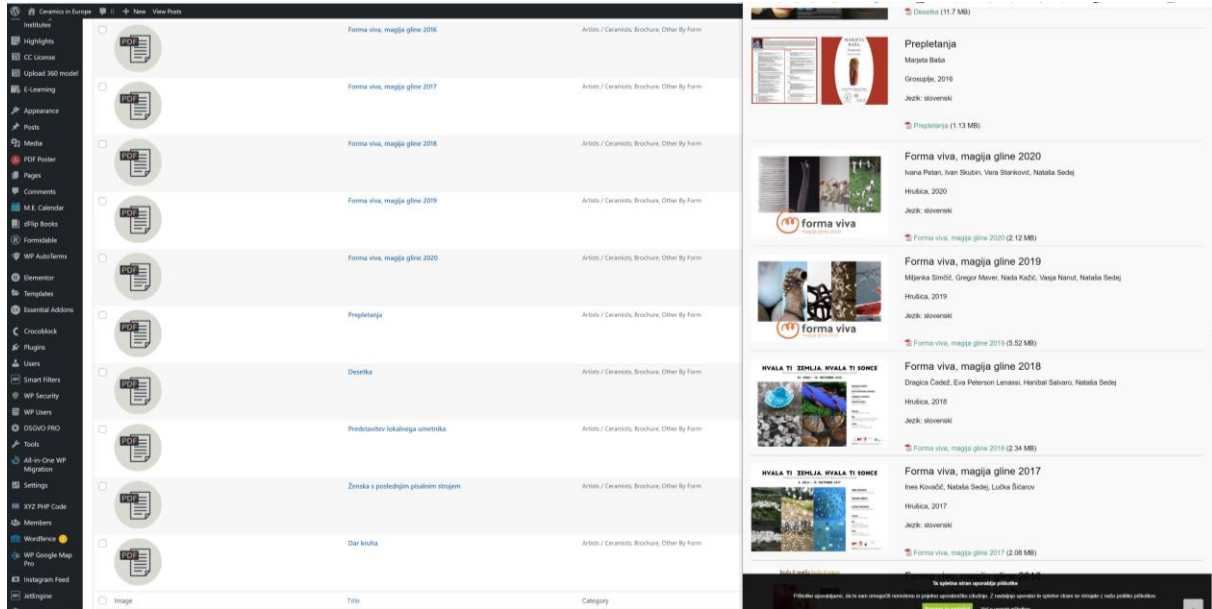






3. Work procedure: Uploading scanned material, video content and 3D/360 models of objects to the website (virtual library) and editorial work. (print screen of uploaded content).





The screenshot shows a WordPress media library interface. On the left is a sidebar with various settings and tools. The main area displays a list of image uploads, each with a thumbnail, title, and category. The right sidebar shows a detailed view of the selected image, 'Prepletanja', including its title, author, date, and file size.

Thumbnail	Title	Category
	Forma viva, magija gline 2016	Artists / Ceramics, Brochures, Other By Form
	Forma viva, magija gline 2017	Artists / Ceramics, Brochures, Other By Form
	Forma viva, magija gline 2018	Artists / Ceramics, Brochures, Other By Form
	Forma viva, magija gline 2019	Artists / Ceramics, Brochures, Other By Form
	Forma viva, magija gline 2020	Artists / Ceramics, Brochures, Other By Form
	Prepletanja	Artists / Ceramics, Brochures, Other By Form
	Desetka	Artists / Ceramics, Brochures, Other By Form
	Predstavitev lokalnega umetnika	Artists / Ceramics, Brochures, Other By Form
	Ženska s prostodolnim poslovanjem strogim	Artists / Ceramics, Brochures, Other By Form
	Dar kniha	Artists / Ceramics, Brochures, Other By Form
	Titli	Category

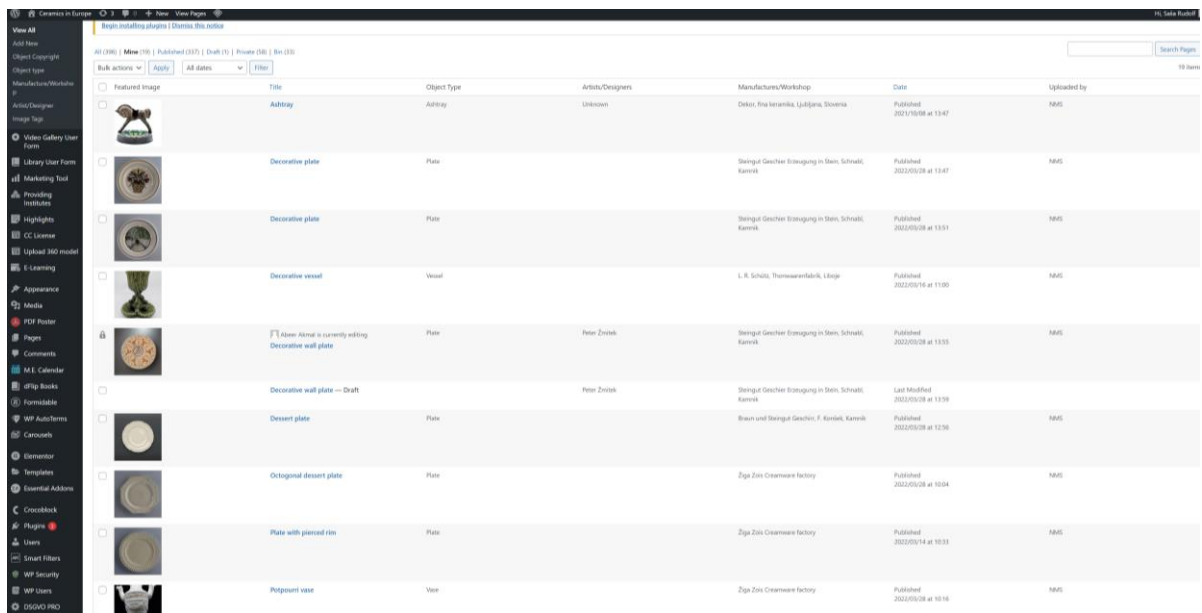
Prepletanja
 Marjeta Bata
 Grosuplje, 2016
 Jezik: slovenski
 Prepletanja (1.13 MB)

Forma viva, magija gline 2020
 Ivana Polan, Ivan Skuban, Vera Starkovič, Natasa Sodaj
 Hrušica, 2020
 Jezik: slovenski
 Forma viva, magija gline 2020 (2.12 MB)

Forma viva, magija gline 2019
 Mjanka Simčič, Gregor Maver, Naska Kubič, Vesna Nanič, Natasa Sodaj
 Hrušica, 2019
 Jezik: slovenski
 Forma viva, magija gline 2019 (5.52 MB)

Forma viva, magija gline 2018
 Dragica Čadež, Eva Paterson Lenassi, Heralda Salvator, Natasa Sodaj
 Hrušica, 2018
 Jezik: slovenski
 Forma viva, magija gline 2018 (2.34 MB)

Forma viva, magija gline 2017
 Ines Korošič, Natasa Sodaj, Lučka Ščanar
 Hrušica, 2017
 Jezik: slovenski
 Forma viva, magija gline 2017 (2.08 MB)




The screenshot shows a detailed view of a WordPress media library table. The table lists various image uploads with columns for title, object type, artist/designer, manufacturer/workshop, date, and upload status.

Thumbnail	Title	Object Type	Artist/Designers	Manufactures/Workshop	Date	Uploaded by
	Ashtray	Ashtray	Unknown	Dekor, Fine keramika, Ljubljana, Slovenia	Published 2021/10/28 at 13:47	NMS
	Decorative plate	Plate		Steingut-Gescher Erzeugung in Stein, Schwallb, Kärnten	Published 2022/01/28 at 13:47	NMS
	Decorative plate	Plate		Steingut-Gescher Erzeugung in Stein, Schwallb, Kärnten	Published 2022/01/28 at 13:31	NMS
	Decorative vessel	Vessel		L. B. Scholz, Throssenerfeld, Litija	Published 2022/01/14 at 11:00	NMS
	Decorative wall plate	Plate	Peter Žrnec	Steingut-Gescher Erzeugung in Stein, Schwallb, Kärnten	Published 2022/01/28 at 13:33	NMS
	Decorative wall plate - Draft	Plate	Peter Žrnec	Steingut-Gescher Erzeugung in Stein, Schwallb, Kärnten	Last Modified 2022/01/28 at 13:39	NMS
	Dessert plate	Plate		Braun und Steingut-Gescher, F. Korbic, Kärnten	Published 2022/01/28 at 12:36	NMS
	Octagonal dessert plate	Plate		Ziga Zirc Ceramware factory	Published 2022/01/28 at 10:04	NMS
	Plate with patterned rim	Plate		Ziga Zirc Ceramware factory	Published 2022/01/14 at 10:33	NMS
	Potpourri vase	Vase		Ziga Zirc Ceramware factory	Published 2022/01/28 at 10:16	NMS

Decorative plate

The plate was presumably painted at the applied art school in Zagreb.



Decorative plate, Schütz Ceramics factory, N8382CHMS, featured

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Object Details

Manufacture/Workshop:	L. R. Schütz, Thonwarenfabrik, Liboje
Production Technique:	Hand painted
Date:	1873 - 1889
Measurements:	D: 29.9 cm
Inventory Number:	N 8382
Storage Location:	In storage, National Museum of Slovenia

360 View

Decorative plate

Funny motif of a member of Night watch frightened by a comet with a pipe.



Decorative plate, Schütz, N8391CHMS, featured

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Object Details

Manufacture/Workshop:	L. R. Schütz, Thonwarenfabrik, Liboje
Production Technique:	Relief decoration
Date:	1900 - 1910
Measurements:	D: 22.2 cm
Inventory Number:	N 8391
Storage Location:	In storage, National Museum of Slovenia

360 View