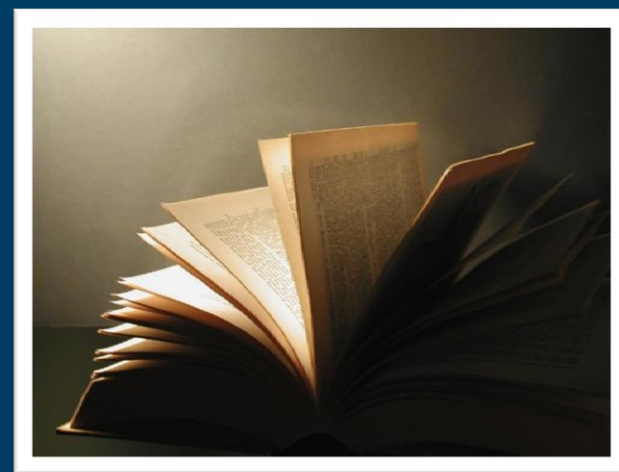


Technology in preservation of the national heritage

the examples of projects developed
by Krakow libraries of various types



Source: <https://pl.freeimages.com/photo/a-book-of-magic-14278>

Preserving heritage



Source: <http://www.vam.ac.uk/content/articles/c/conservation-department/>



Source: <https://slowpainting.wordpress.com/tag/gustav-klimt/>



Source: <https://muzeum1939.pl/informacje-o-wystawie-glownej-wystawy/840.html>

keeping precious materials from damage

& making them available for generations

Technology in preservation of the national heritage

film/photos
colorisation

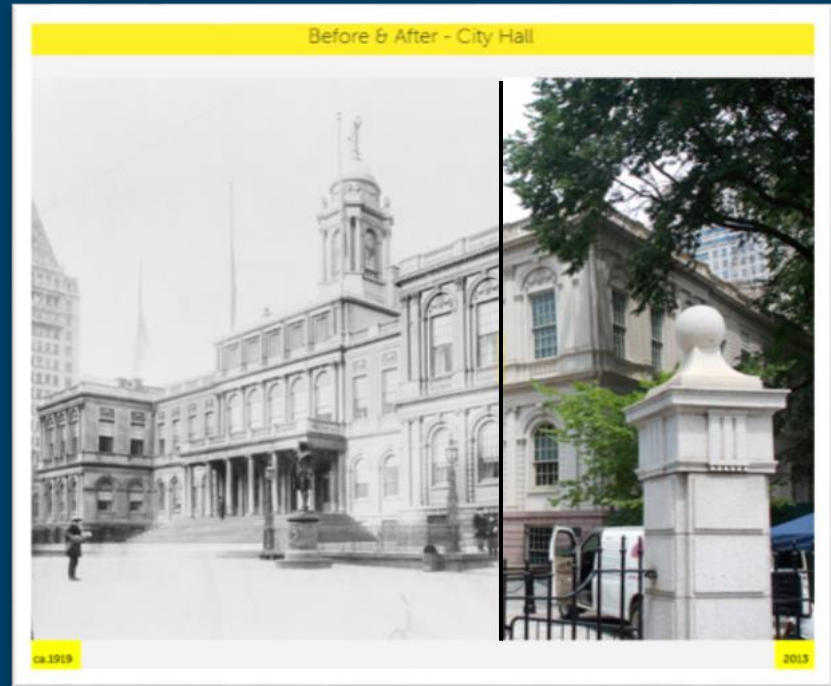


It is possible due to advanced technology

special effects on objects



Source: <https://www.facebook.com/thenandnowghostsofhistory/?ref=profile>



Source: <http://www.nyc-grid.com/home/tag/before-after?currentPage=4>

plug in 'before/after'

Digitalisation fits into the international trends of improving library services and extending access to library collections.

the Jagiellonian
Library

the Franciscan
Library

the Library of the
Cracow University
of Technology
(CUT)

different types of the Krakow libraries run similar projects

reach the same goal



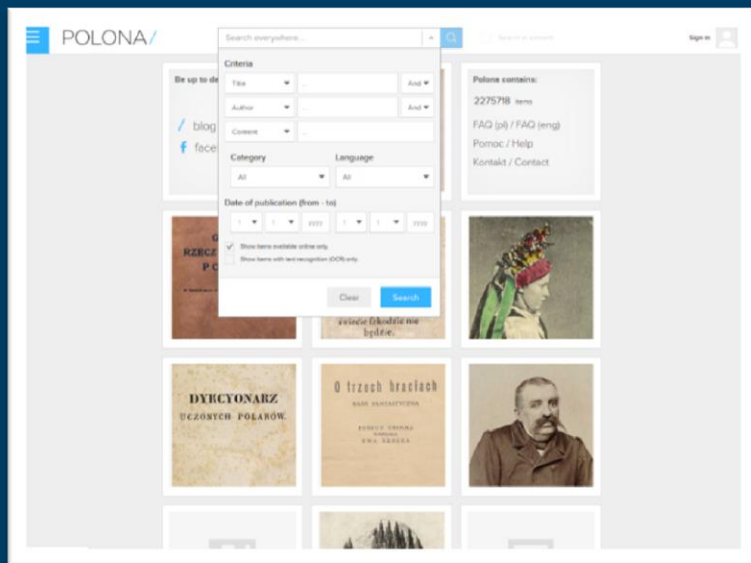
due to the process of digitalisation



disseminate and enhance
an access to their precious
materials

Project 'Patrimonium'

- launched by the Jagiellonian Library & the National Library of Poland
- the aim of the project: digitalise precious library items which belong to public domain
- library acquisitions: come from precious oldprinted, cartographic, musical or iconographic stocks and are dated to 18th and 19th century
- project will allow to digitalise one million objects: 652,000 from the National Library and 348,000 from the Jagiellonian Library



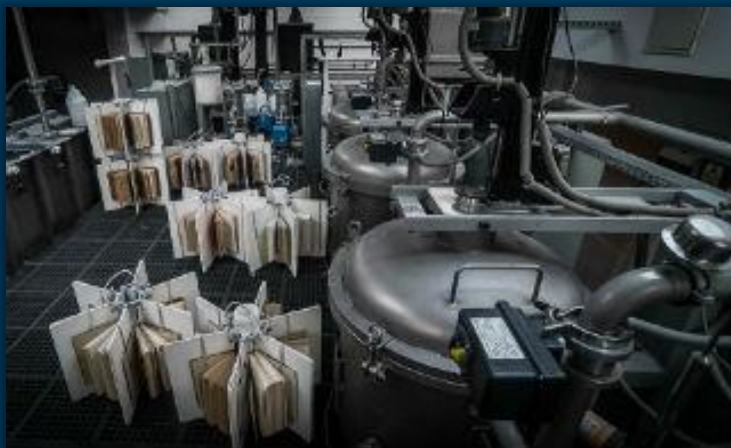
Project is co-financed under the 'Operational Program Digital Poland' – 'European Regional Development Fund' UE

all digitilised items will be available via the digital library 'POLONA' or the Jagiellonian Digital Library

Project 'Patrimonium'

'Paper Clinic'

- technological hall with large-scale deacidification systems for paper: printed matter, manuscripts, bound volumes and loose sheets
- set up in the Jagiellonian Library & the National Library of Poland
- mass-scale deacidification occurs through two methods:
 - Neschen C00 apparatus in a water environment (only single sheets),
 - Bookkeeper III equipment in a non-water environment (bound volumes and single sheets)



Source: <http://www.bn.org.pl/uslugi>



Source: <http://dobrezachowanie.bn.org.pl/?tag=odkwaszanie-papierni>

The Patrimonium program gives an opportunity to overview the collections and select those items which need to undergo deacidification process and necessary conservation work .

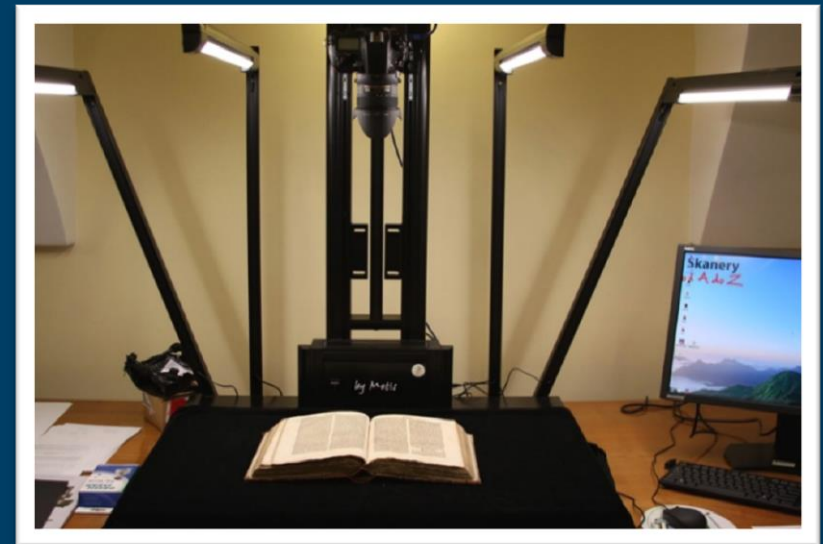
Project of ' the Franciscan Library'

- project was co-financed by the Ministry of Culture and National Heritage, was led between 2016-2017
- it was the continuation of the previous project undertaken between 2014-2015

Because of the poor conditions of the books and high value of the collection, the restoration process was deputed to:

- the National Library in Warsaw
- the Princes Czartoryski Library.

Digitisation work were carried out by the use of the Metis EDS Gamma brand scanner.



Source: <http://franciszkańska.pl/nasi-darczyńcy/digitalizacja-księgozbioru/>

Project 'European Technical Heritage (EdT)' - 2016-2019



run by the [Library of the Cracow University of Technology](#) (the beneficiary of the project)
& cooperation with the Faculty of Computer Science, Electronics and Telecommunications of the AGH
University of Science and Technology (AGH) (partner) and the Main Library of AGH (partner)



[an innovative online platform](#) - launched by the AGH scientists

having a lot of provenances

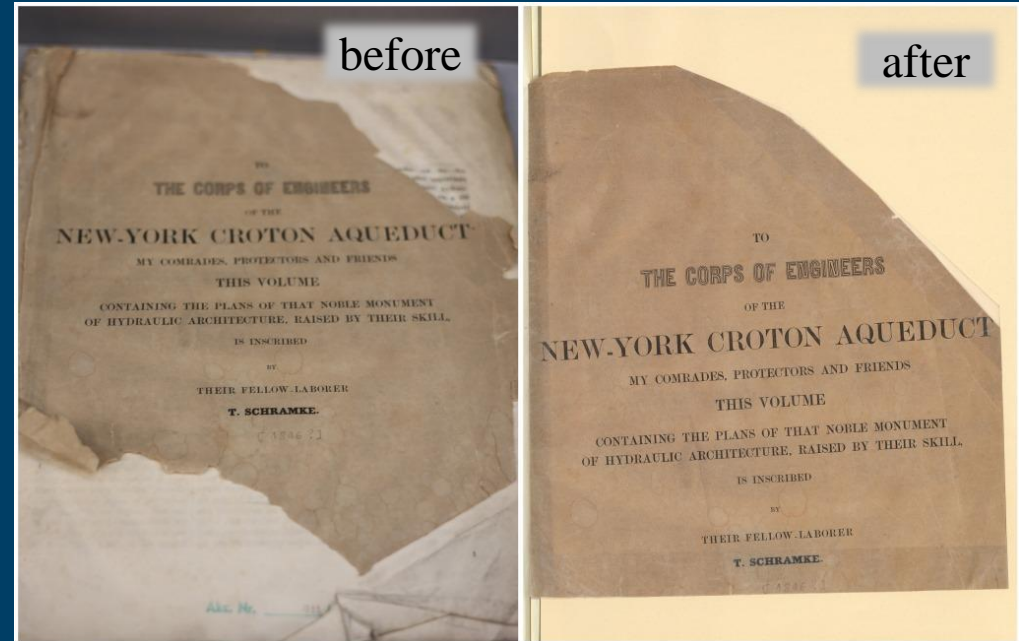


- the historical part of EdT
literature from 18th-20th centuries (5549 valuable books from CUT Library stocks
& 498 journals from the AGH Library)
- the modern part of the EdT:
diverse literature from different fields of technology: include the CUT researchers
works, the CUT Library materials and collections of the CUT Repository

European Technical Heritage

Undertaken steps:

- Firstly: choosing valuable materials from the CUT Library collections without breaking the copyright
- Secondly: selecting books which had to be restored:
 - the process of deacidification - run in the 'Paper Clinic' of the Jagiellonian Library
 - conservation and binding processes
- Finally: adaptation of one of the reading rooms as a laboratory of digitalisation



Project 'European Technical Heritage (EdT)'

In order to implement the EdT targets, the CUT Library purchased:

1. scanners using a computer with EIZO ColorEdge CX271 27 "monitor:

Workplace scanner A1 - Bookeye 4V1A - 1 item

Workplace scanner A2 - Bookeye 4V2 Archive - 1 item

A4 flatbed scanner - Avison FB2280E - 2 pcs

A3 flatbed scanner - Avison FB6280E - 2 pcs

2. 4 computers, each equipped with the following programs:

MS Office ProPlus 2016

Adobe Photoshop CC

Adobe Acrobat Pro DC

Abbyy Fine Reader 12

3. OCR software in server versions

Abbyy Recognition Server 4.0

Abbyy Recognition Server 4.0 Ghotic / Faktur

4. Software for the training and promotion team needs:

Studio Camtasia 9 - 1 item



financial support from the
European Regional Development Fund

Project 'European Technical Heritage (EdT)'

undertaken activities:

- 'EdT Open Day'
- 'Open Access Week'
- 'digitalisation training'
- 'intellectual property and copyright law' workshops
- 'the CUT Library Week'
- running a blog
- the facebook campaign
- an online film
- an e-learning course about the project

THE PROMOTION
CAMPAIGN

You never know what fruits can bring
your projects for future generation.
How inspiring & motivating it can be...



Source: <https://thenextweb.com/creativity/2017/06/21/11-brutal-truths-about-creativity-that-no-one-wants-to-talk-about/>