



## Introduction

**This document is created to a overview of all software components developed within the scope of WP4 History Education for Europeana in cooperation with Euroclio / Historiana. The focus in this document is on the software instead of the content it carries.**

## Software development

This is the latest document in the development process for Europeana Creative. All older documents are hereby redundant. Earlier documents were based on a complete integration of Europeana content being re-used. Later meetings with history educators revealed the fact that teachers want to upload their own sources.

This fact has a lot of influence on the entire project as we also need to maintain the Europeana integration and Euroclio wants to maintain a high quality of curated content if published within the Historiana context. The only solution which seems logical at this moment is to split the use and re-use of tools over different online identities.

### Editorial environment

- Search and select tool to get content from Europeana to the Historiana database

### Historiana website

- Search and selection tool to collect content from the Historiana database
- Learning activity
- Generic form
- Embed form

### Independent environment

- Visual analysis of sources app
- Compare and contrast app

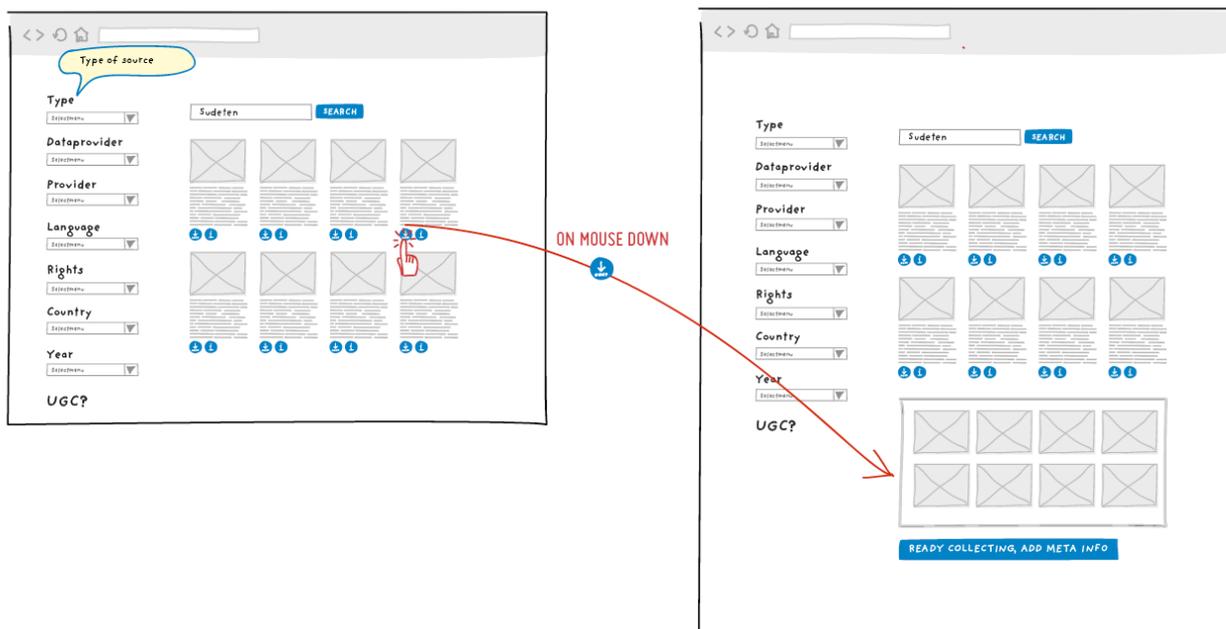
We probably also will be working on embedding the “separated tools” within the Historiana context. When these tools are configured with curated content the use of the tools within the Historiana context is obviously perfectly ok. We need to determine in which ways this complicates the storage of configuration data and content.

## Editorial environment

### Search and select tool

A user (typical this would be a Historiana editor) types in a search string, can add a filter (left column), view extra information about a source (the blue button with an i) or clicks a blue button with an arrow in it to add to a collection. When a collection is made it can be added to the Historiana database. It should be possible to refine a search result by adding more keywords.

Start search



ARE THERE OBSOLETE FIELDS IN THE LEFT COLUMN?

After this import the sources will be edited to contain the following meta data:

- Unique ID
- Caption (own)
- Caption (original)
- Set
- Link to Europeana
- Copyright holder (institution)
- Attribution (logo)
- Attribution (URL)
- Contributor
- Contributed on behalf of
- Copyright
- License (URL)
- License (text)



- Module
- Content Area
- Specification
- Tool (which)
- Tool (specification)
- Link to more information
- Upload
- Download link
- Embed code
- Who made the source (individual)
- Who made the source (organisation)
- When was the source made
- Where was the source made
- Which languages are used in the source?
- Text (original)
- Text (translation in English)
- Part of Collection
- Associated source type
- Associated people
- Associated places
- Associated events
- Keywords
- Age Warning
- Contextual information from EUROCLIO team
- EUROCLIO team member giving the contextual information
- Contextual information from where the source was found
- Attribution Contextual information
- Functionality needed

Where in the workflow this is suitable is still to be defined. It's a lot of meta information and maybe it's wise to add some of the data in bulk.

The metadata fields will be detailed later in a separate document, the list mentioned above gives a good overview of the area's of metadata which are collected both for instance storing the copyright information is an application by itself as there are many rules and exceptions on these rules. As specified by Euroclio even PDF scans of licenses should be storable in the database.

To complicate matters we found that a lot of initial content will be re-used from the Europeana 1914-1918 project site and content is researched and found via the scope of the 1914-18 site. This is done because the site provides more context and documents are already grouped.

The search and select tool is therefore extended with a special 1914-18 module in which an editor can paste a url of the 1914-18 site and a scraper collects all objects within the scope of that url so they can be easily selected and imported.

While this shows the power of modularity we also concluded that within this project we won't be building more of these importers as we want the emphasize the Europeana re-use.

## Historiana website

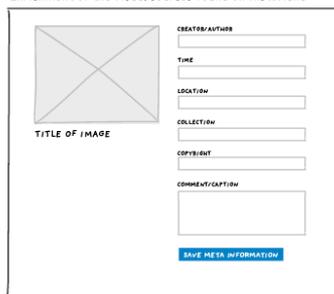
### Search and selection tool

Two of the tools live outside Historiana but these are also the tools that partly make use of the imported sources from Europeana. But also needs the possibility of uploading content from the desktop.

A user can search for a source on:

- Title (caption)
- Themes (*What field is this in the meta information?*)
- Sources (When was the source made)
- Locations (Where was the source made)
- Start date / end date
- Created by / author (Who made the source: individual & organisation)
- Collection (Set? / Part of Collection?)
- Copyright (Copyright holder (institution))
- Comment (Content Area)

Enrichment of the visual sources found on Historiana



CREATOR/AUTHOR

TIME

LOCATION

COLLECTION

COPYRIGHT

COMMENT/CAPTION

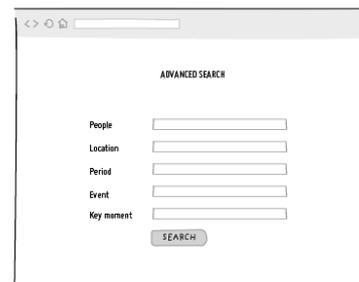
SAVE META INFORMATION

Form fields based on Analysis of meta-data for the History Education Pilot. Is this enough/too much or are there fields missing?



COMPARE BOTH SEARCHES NO EQUALIZE

Extended search for an visual source in Historiana database



ADVANCED SEARCH

People

Location

Period

Event

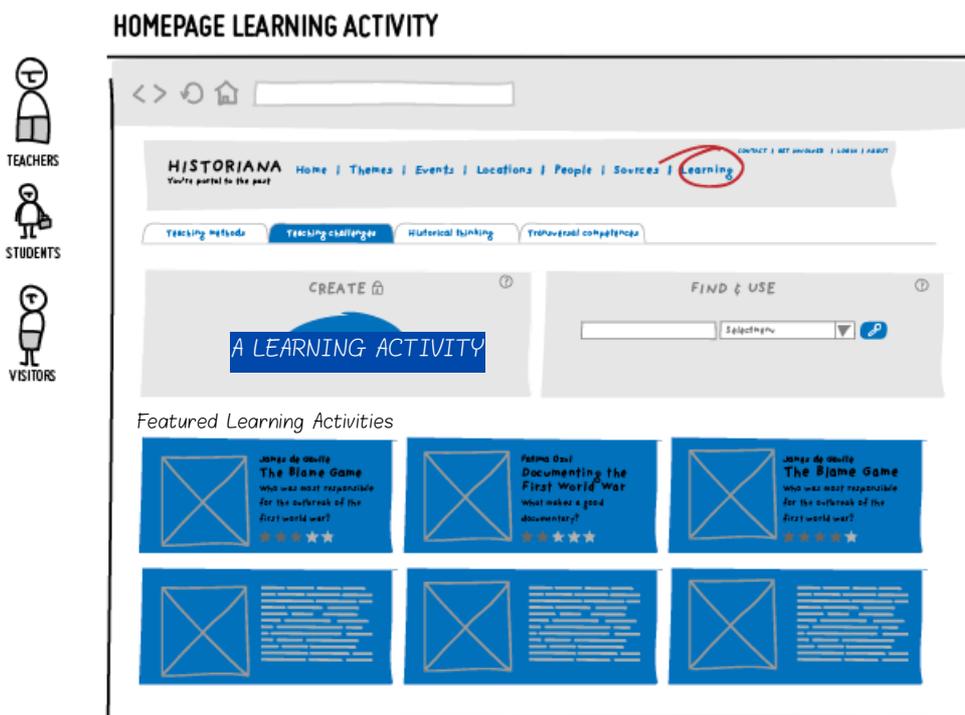
Key moment

SEARCH

See the sketches of the tools

## Learning (section of Historiana.eu)

Learning is a section that is part of Historiana.eu and can be reached through the main navigation and a section on the homepage.



## A Learning Activity

From here a user can find the Learning Activities. A Learning Activity is based on a key question and is built with the use of the different applications. Every blue rectangle in the sketch below is a link to a Learning Activity. A Learning Activity will consist of:

- A title
- A subtitle
- A introduction
- An image
- Indicative age
- Approximate time
- Downloads for teachers
- Downloads for students

For future use it should also be possible to add a language to a learning activity. Where feasible and applicable we will use the metadata as outlined by the LRMI initiative <http://www.lrmi.net>



## A LEARNING ACTIVITY



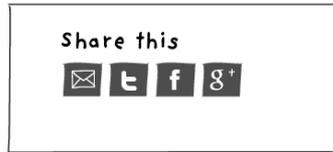

The screenshot shows a web browser interface for a learning activity on the 'HISTORIANA' website. The page title is 'From emigrants perspective' with the subtitle 'How does forced migration affect people?'. It includes meta-information: 'Age 14-16 years' and 'Time needed 90-60 minutes'. There are download links for 'Teacher materials' (including Teacher method, Starter activity, Lesson plan) and 'Student materials' (Worksheet). The main content area features an 'Introduction' section with placeholder text and a grid of seven numbered activity cards (1-7) with placeholder images.



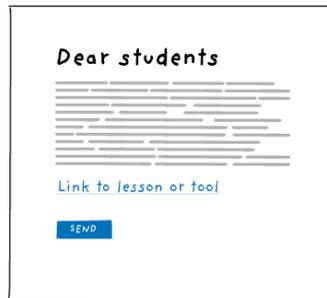
A LEARNING ACTIVITIES WILL HAVE DOWNLOADS FOR STUDENTS AND TEACHERS. MOST OF THE META INFORMATION WILL BE MENTIONED IN THE TEACHERS MATERIAL. HERE THERE IS ONLY AGE AND TIME NEEDED. ALL OTHER META INFO LIKE LANGUAGE IS NOT NEEDED HERE.

### New insights

Two apps (compare/contrast and visual analysis) will live as separate identities outside Historiana. Webtic is investigating how the input of a user (student) can be captured and processed. And what the best workflow for inviting the students to participate will be. Is it by mail, or is the use of social media (f.e. Facebook) a better approach.



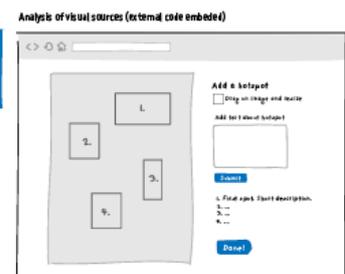
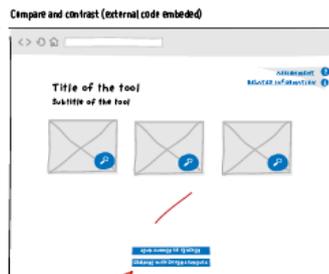
HOW WILL WE CONTACT STUDENTS?  
IN WHICH PHASE OF THE FLOW WILL WE DO IT?



These applications are now the embed, the generic, the compare/contrast and the analysis of visual sources app.



WHAT EXTRA FIELDS ARE NECESSARY FOR THE GENERIC TOOL?  
LINKS, BOOKS, DOWNLOADS  
OR IS ANOTHER FLOW BETTER?  
FOR EXAMPLE HANDING IT OUT IN THE CLASS?



! Bins not visible when not logged in



STUDENTS WILL RECEIVE ONE LINK  
FOR EVERY TOOL WITHIN THE LEARNING ACTIVITY

Sending or comparing?





## Didactical entrance

The homepage of Learning will also have an entrance based on a didactical categorization. A template for the didactical category will have

- A title
- An introduction
- Links to learn more
- Links to references

### Didactical menu

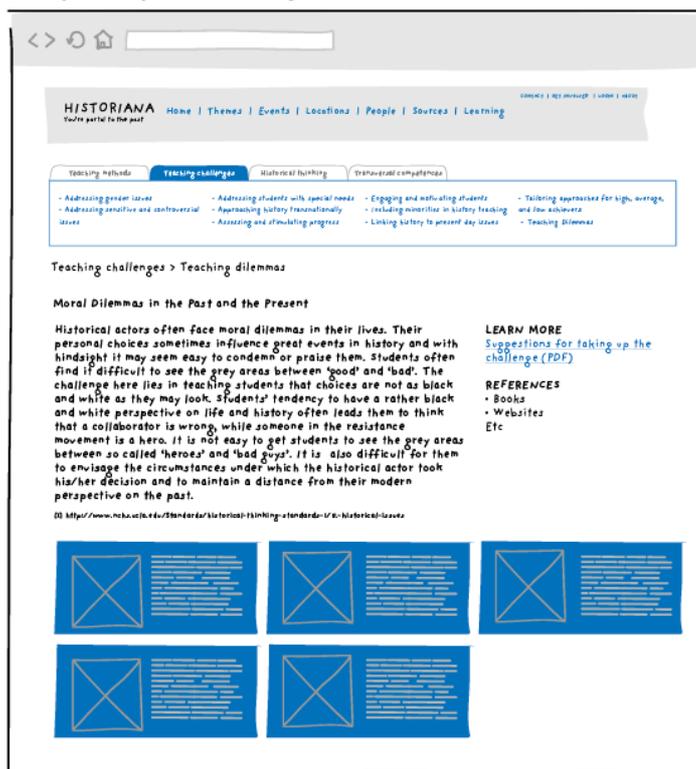


Teaching methods | **Teaching challenges** | Historical thinking | Transversal competences

- Addressing gender issues
- Addressing sensitive and controversial issues
- Addressing students with special needs
- Approaching history transnationally
- Assessing and stimulating progress
- Engaging and motivating students
- Including minorities in history teaching
- Linking history to present day issues
- Tailoring approaches for high, average, and low achievers
- Teaching Dilemmas



### Finding Learning activities through the didactical menu (not tools or worksheets)



HISTORIANA  
You're partial to the past

Home | Themes | Events | Locations | People | Sources | Learning

Teaching methods | **Teaching challenges** | Historical thinking | Transversal competences

Teaching challenges > Teaching dilemmas

**Moral Dilemmas in the Past and the Present**

Historical actors often face moral dilemmas in their lives. Their personal choices sometimes influence great events in history and with hindsight it may seem easy to condemn or praise them. Students often find it difficult to see the grey areas between 'good' and 'bad'. The challenge here lies in teaching students that choices are not as black and white as they may look. Students' tendency to have a rather black and white perspective on life and history often leads them to think that a collaborator is wrong, while someone in the resistance movement is a hero. It is not easy to get students to see the grey areas between so called 'heroes' and 'bad guys'. It is also difficult for them to envisage the circumstances under which the historical actor took his/her decision and to maintain a distance from their modern perspective on the past.

**LEARN MORE**  
Suggestions for [faking up the challenge \(PDF\)](#)

**REFERENCES**

- Books
- Websites
- Etc

DOI: <https://www.ncl.uu.nl/edu/standards/historical-thinking-standards/vk-historical-issues>



ONLY LEARNING ACTIVITIES WILL BE FINDABLE THROUGH THE DIDCATICAL MENU



## Internal apps

The generic and embed tool are just basic tools to write an introduction to a Learning Activity and add links to related information or to embed the code created with the external apps or with a third party app.



WHAT EXTRA FIELDS ARE NECESSARY FOR THE GENERIC TOOL?  
LINKS, BOOKS, DOWNLOADS  
OR IS ANOTHER FLOW BETTER?  
FOR EXAMPLE HANDING IT OUT IN THE CLASS?

Generic tool



STUDENTS WILL RECEIVE ONE LINK  
FOR EVERY TOOL WITHIN THE LEARNING ACTIVITY

The challenge is to find a good way to store and maintain external references and to build an environment in which a teacher will be able to create a content-set using just the browser.

## Independent environment

### External apps

The independent applications which a teacher can use to build a Learning Activity live outside Historiana. There will be a colophon where all involved parties are mentioned but there's no branding in the design. These tools can be used to upload own content. Historiana wants to guard their high standards. Because of the need for teachers to upload also their own pictures a new workflow is needed.

### New insights

Before adding a finished tool build with an app can be placed in a Learning Activity it must be approved by an editor.

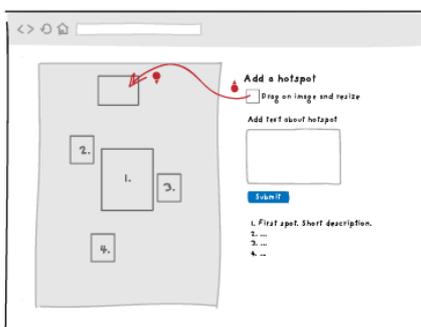


#### TOOLS BUILDED WITH THE APPS LIKE 'COMPARE AND CONTRAST' OR THE 'VISUAL ANALYSIS OF SOURCES'

THESE APPS WILL LIVE OUTSIDE HISTORIANA.  
THE TOOLS WILL BE EMBEDDED IN A LEARNING ACTIVITY.



APP: VISUAL ANALYSIS OF SOURCES used for creating the tool



APP: COMPARE AND CONTRAST used for creating the tool

