What is the NICC?

The NICC stands for Netherlands International Cooperation Collection and it is a foundation that archives objects, such as books, reports or even small statues that have been collected by people working for Dutch Development Cooperation. Items come from all around the world and the archive consists of more that 12 thousand objects.
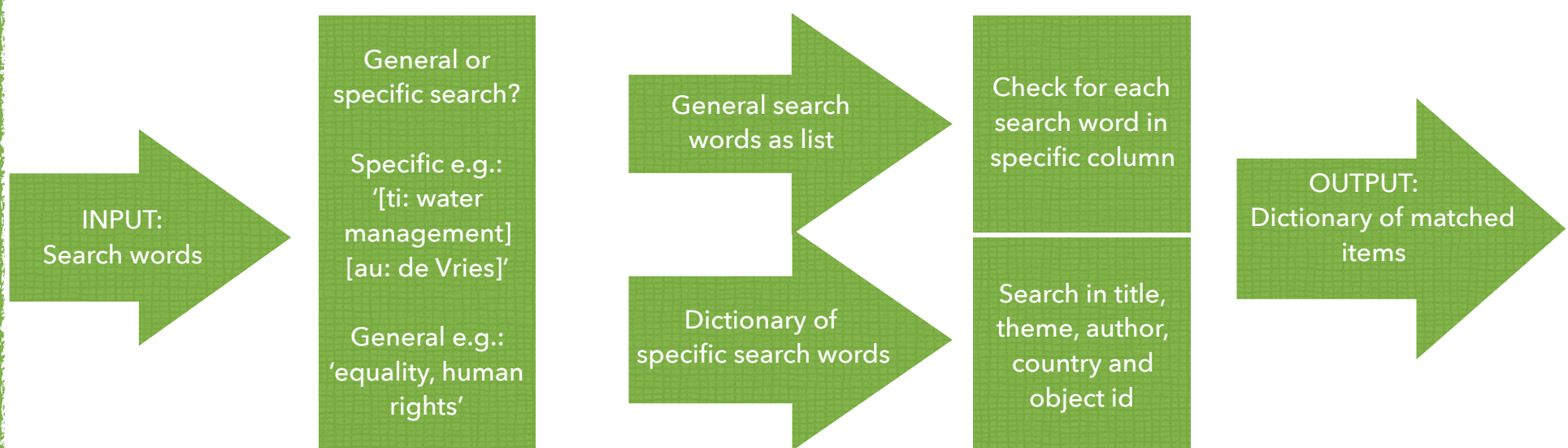
www.stichtingnicc.nl

Digitising Dutch Development History:
Opening up the NICC archive with a search-engine

What is the project about?

The NICC wants their archive to be open and available to interested groups such as historians, development workers and researchers. Therefore they want their archive to be available online. For this purpose I created a search engine using python. This script can then be placed on the website of the NICC using SSH to install python on the server and then give the server the script and the database.

How does the script work?

INPUT: Search words → General or specific search? Specific e.g.: '[ti: water management] [au: de Vries]' General e.g.: 'equality, human rights' → General search words as list / Dictionary of specific search words → Check for each search word in specific column / Search in title, theme, author, country and object id → OUTPUT: Dictionary of matched items

```
else:
    specific_keywords=extract_specific_search_word
    if '[algemeen:' in raw_search_text:
        general_keywords=specific_keywords['algeme
        for item in dct_json_register:
            nicc_object=dct_json_register[item]
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
                    result_list.append(nicc_object
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
                    result_list.append(nicc_object
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
                    result_list.append(nicc_object
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
                    result_list.append(nicc_object
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
                    result_list.append(nicc_object
            if any(general_keyword in nicc_object[
                if nicc_object not in result_list:
```

What will happen in the future?

- NICC considers hiring me to finish and perfect the search engine

- Also considers hiring a web developer to integrate the search engine on the website

- Databases could be linked with other places that contain relevant information