DIGI EDU HACK

UNESCO

United Nations
Educational, Scientific and
Cultural Organization

IRCAI

International Research Centre
on Artificial Intelligence
under the auspices of UNESCO

INSTRUCTIONS TO THE PARTICIPANTS

Where to search and access the data?

Data can be downloaded directly from the following link: [TODO COMPLETE]
In order to facilitate search and the development of web-based solutions, we indexed the content on an Elastic Search instance. You can access it through the following endpoint and authentication token:

- **Endpoint**: https://cebele.ent.eu-central-1.aws.cloud.es.io:443/api/as/v1/engines/cebele/search
- **Authentication token**: search-14oev2nyfrcdiz28t37aeiws

What kind of data is available?

Data relates to multiple documents and resources related to apiculture. We indexed them into documents with the following fields:

- **ID**: unique identifier.
- challenge_desc: challenge description.
- challenge_label: challenge label.
- menu_hierarchy: menu hierarchy for a given web page.
- number: a number assigned at the source MS Excel file.
- source_type: source type, e.g., if it corresponds to a web page, some video resource, etc.
- url: the URL where the resource can be accessed.

API documentation

The data was indexed on ElasticSearch. Please check the reference documentation for code samples. Below we provide a CURL sample search, a sample result, and a screenshot:

CURL example

```
curl            -X            POST               'https://cebele.ent.eu-central-
1.aws.cloud.es.io:443/api/as/v1/engines/cebele/search'       -H       'Content-Type:
application/json' -H 'Authorization: Bearer search-14oev2nyfrcdiz28t37aeiws' -d '{
  "query": "apiturizem"
}'
```

Sample result

```
{
      "challenge_desc": "\"A. Geografska koordinata lokacije in tip \u010debelnjaka
(Trikotnik - registrirani stacionarni",
      "challenge_label": "A",
      "menu_hierarchy": "(meni Domov / \u010cebelarstvo / Vzreja matic)",
      "number": "1",
      "source_type": "spletna stran",
      "url": "https://www.czs.si/content/D57"
}
```

Console screenshot

```
curl -X POST 'https://cebele.ent.eu-central-1.aws.cloud.es.io:443/api/as/v1/engines/cebele/search' -H 'Content-Type: application/json' -H 'Authorization: B
earer search-14oev2nyfrcdiz28t37aeiws' -d '{
  "query": ""
}'
{"meta":{"alerts":[],"warnings":[],"precision":2,"page":{"current":1,"total_pages":7,"total_results":66,"size":10},"engine":{"name":"cebele","type":"default"},"request_id":"yxPebdnDS12ROBQcS0pr0A"},"resul
ts":[{"challenge_desc":{"raw":"D. INTEGRACIJA PODATKOV mesečnih ČEBELARSKIH OPRAVIL z razlago (kdaj & kaj) v rešitev "},"number":{"raw":"9"},"challenge_label":{"raw":"D"},"source_type":{"raw":"picture"},"
menu_hierarchy":{"raw":""},"url":{"raw":"https://www.czs.si/Files/promocija44.jpg"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b86"},"id":{"raw":"doc-6175086c6b3da514b3a25b86"}}
,{"challenge_desc":{"raw":"C. INTEGRACIJA PODATKOV MEDENJA in medovitih rastlin v rešitev "},"number":{"raw":"7"},"challenge_label":{"raw":"C"},"source_type":{"raw":"pdf"},"menu_hierarchy":{"raw":""},"url
":{"raw":"https://www.czs.si/Upload/files/medovite%20rastline.pdf"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b84"},"id":{"raw":"doc-6175086c6b3da514b3a25b84"}},{"challenge_des
c":{"raw":"C. INTEGRACIJA PODATKOV MEDENJA in medovitih rastlin v rešitev "},"number":{"raw":"6"},"challenge_label":{"raw":"C"},"source_type":{"raw":"pdf"},"menu_hierarchy":{"raw":""},"url":{"raw":"https
://www.czs.si/Upload/PODRIZNIK%20%20Gozdne%20pase.pdf"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b83"},"id":{"raw":"doc-6175086c6b3da514b3a25b83"}},{"challenge_desc":{"raw":"C.
 INTEGRACIJA PODATKOV MEDENJA in medovitih rastlin v rešitev "},"number":{"raw":"5"},"challenge_label":{"raw":"C"},"source_type":{"raw":"pdf"},"menu_hierarchy":{"raw":""},"url":{"raw":"https://www.czs.si/
Upload/SIVIC%20Cebelje%20pase.pdf"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b82"},"id":{"raw":"doc-6175086c6b3da514b3a25b82"}},{"challenge_desc":{"raw":"C. INTEGRACIJA PODATK
OV MEDENJA in medovitih rastlin v rešitev "},"number":{"raw":"4"},"challenge_label":{"raw":"C"},"source_type":{"raw":"pdf"},"menu_hierarchy":{"raw":""},"url":{"raw":"https://www.czs.si/Upload/PODRIZNIK%20
%20Medovite%20rastline.pdf"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b81"},"id":{"raw":"doc-6175086c6b3da514b3a25b81"}},{"challenge_desc":{"raw":"B. Prikaz OBMOČJA BOLEZNI (R
deči krogi) ter interpretacija vpliva bolezni na ukrepe čebelarja: - 3-km krogi okoli žarišča izbruha bolezni, premiki čebeljih družin "},"number":{"raw":"3"},"challenge_label":{"raw":"B"},"source_type":{
"raw":"pdf"},"menu_hierarchy":{"raw":"(Varoza)"},"url":{"raw":"https://www.czs.si/Upload/files/ZLOZENKA%20"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b80"},"id":{"raw":"doc-61
75086c6b3da514b3a25b80"}},{"challenge_desc":{"raw":"G. INTEGRACIJA PODATKOV APITURIZMA v rešitev "},"number":{"raw":"23"},"challenge_label":{"raw":"G"},"source_type":{"raw":"spletna stran"},"menu_hierarch
y":{"raw":""},"url":{"raw":"https://www.apiturizem.si/"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b7d"},"id":{"raw":"doc-6175086c6b3da514b3a25b7d"}},{"challenge_desc":{"raw":"
D. INTEGRACIJA PODATKOV mesečnih ČEBELARSKIH OPRAVIL z razlago (kdaj & kaj) v rešitev "},"number":{"raw":"19"},"challenge_label":{"raw":"D"},"source_type":{"raw":"spletna stran"},"menu_hierarchy":{"raw":"
"},"url":{"raw":"https://www.czs.si/Admin/load.php?sif_ob=5&sif_fileobjave_podrobno_czs&sif_parent=11159"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b79"},"id":{"raw":"doc-6175
086c6b3da514b3a25b79"}},{"challenge_desc":{"raw":"D. INTEGRACIJA PODATKOV mesečnih ČEBELARSKIH OPRAVIL z razlago (kdaj & kaj) v rešitev "},"number":{"raw":"17"},"challenge_label":{"raw":"D"},"source_type"
:{"raw":"spletna stran"},"menu_hierarchy":{"raw":""},"url":{"raw":"https://www.czs.si/content/D78"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3
da514b3a25b77"},{"challenge_desc":{"raw":"E. INTEGRACIJA PODATKOV UPORABE ČEBELAM NEVARNIH FFS-jev v rešitev"},"number":{"raw":"10"},"challenge_label":{"raw":"E"},"source_type":{"raw":"pdf"},"menu_hierar
chy":{"raw":""},"url":{"raw":"https://www.czs.si/Files/promocija45.pdf"},"_meta":{"engine":"cebele","score":1.0,"id":"doc-6175086c6b3da514b3a25b87"},"id":{"raw":"doc-6175086c6b3da514b3a25b87"}}]}
```

*For any kind of inquiries, please feel free to reach out to [==TODO COMPLETE==].
We wish you good luck!*