

# ZCU FAV erasmus map

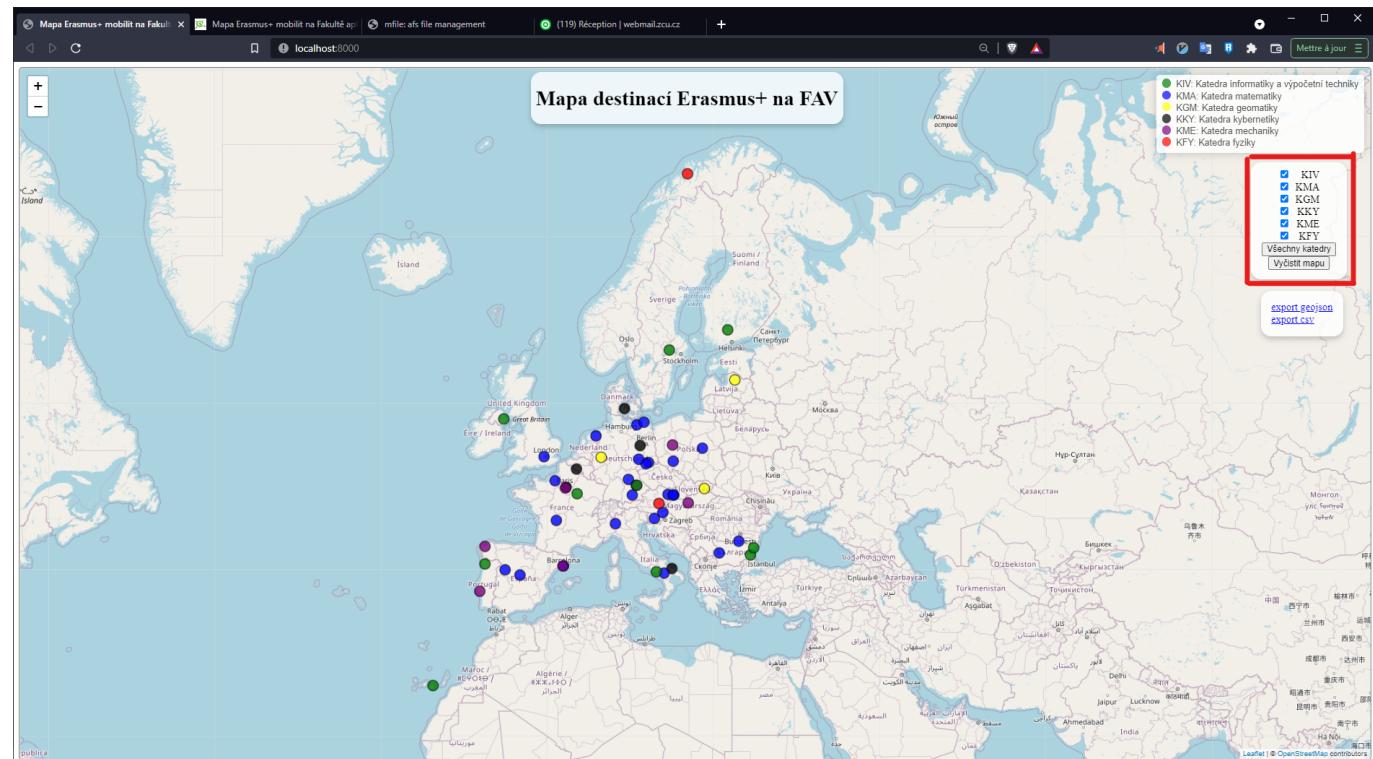
The goal of this project is to display the ZCU FAV faculty partnerships through the erasmus program.

It consist of a small web app using a flask (python) server for operations not available through client side (leaflet and vanilla javascript) rendering.

## Features

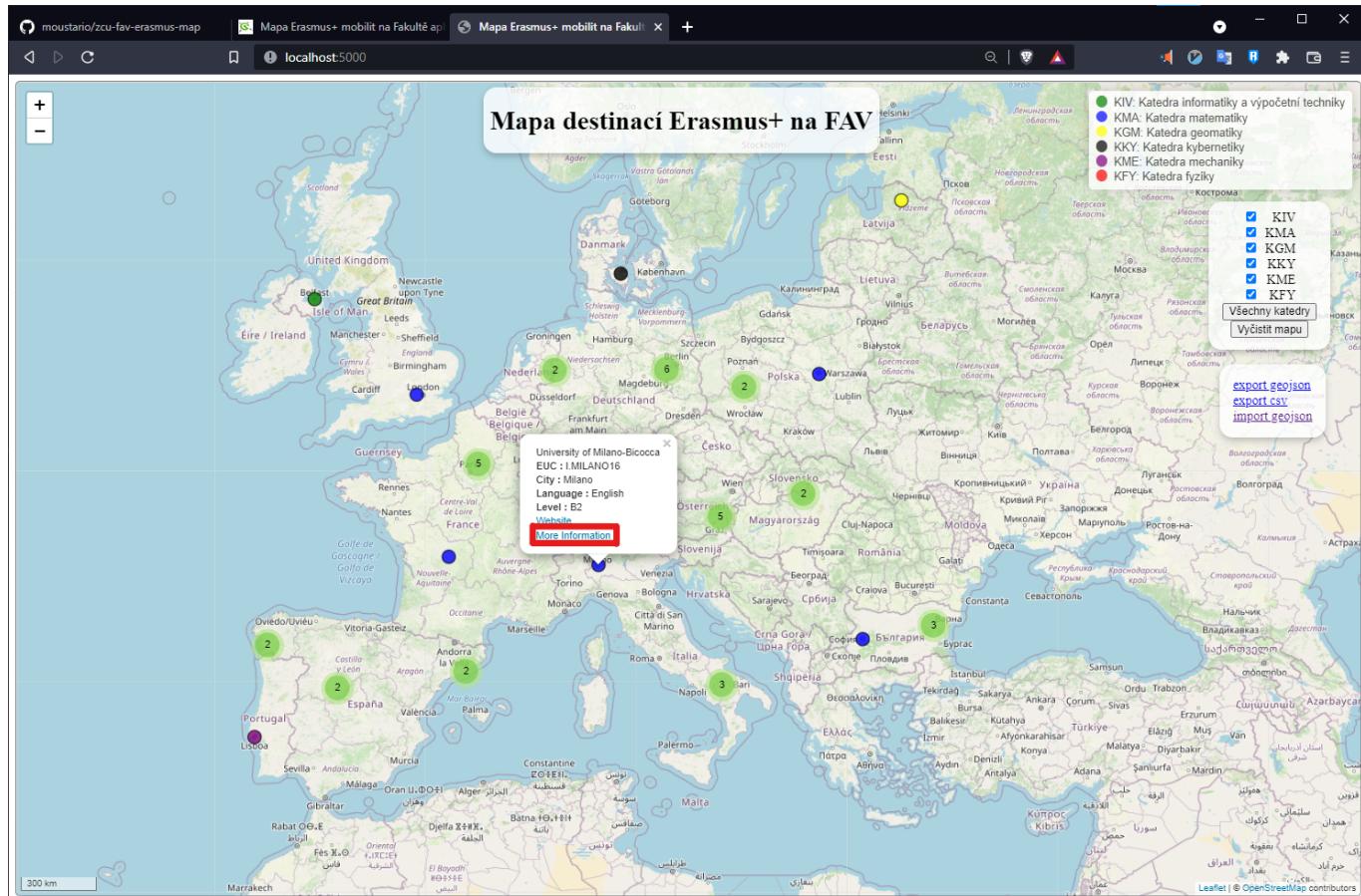
### Display specific departments partnerships

Using the checkbox the using can adjust which department is currently shown.



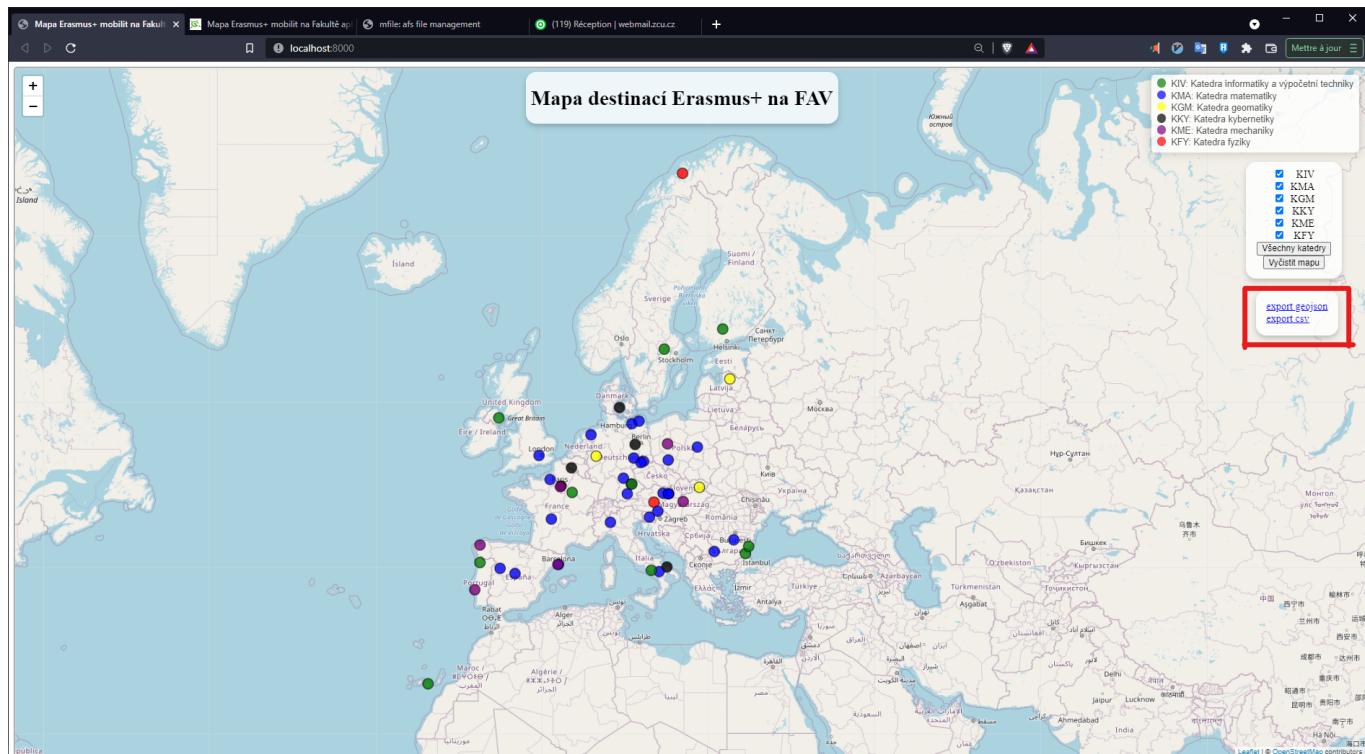
### Edit data of the different partnership

Using the "More information" link a form page is available in which the user can change the university data.



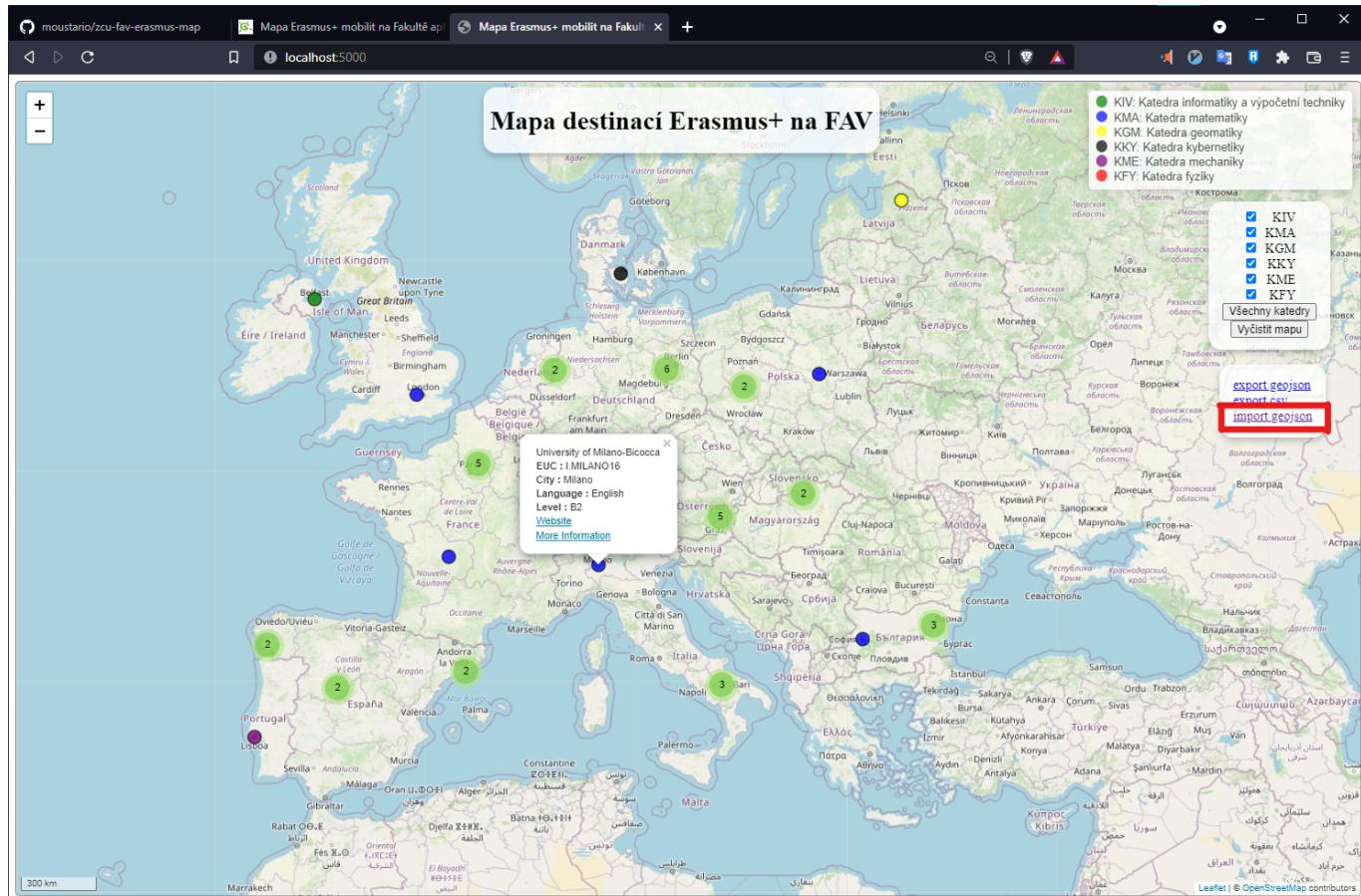
## Export the data to csv and geojson

Files exports are available through the following links.



## Import his own file

The app can also import a geojson file correctly formatted. It will also automatically sync the other source files.



## Data

Source data files must be placed in a "sources" folder in the static folder. They can be updated through the 'upload' page.

## Dependencies

To install python dependencies.

```
pip install -r ./requirements.txt
```

## To run

The project uses a small flask server to run on windows using powershell :

Declare the app

```
$env:FLASK_APP = "erasmusMap"
```

*Optional* : To enable dev server (hot reloads ...)

```
$env:FLASK_ENV = "development"
```

To run the app

```
flask run
```

**note that the first two step are only performed once at the first run of the app.**

Official flask documentation.