Electricity Mix in the European Union

Project Review Pitch

GEO454 – Geovisualisation

Group 7: Nils Besson, Julian Döbbeling & Oliver Keller

schedule & workflow

Progress

Initiation – Feb
topic brainstorming & research
website building (test version)
data research & collection
concept development
rough map design

Proposal – 10.4.
data preparation
map creation
website integration of map & data
development of test version

Review – 8.5.
optimization & finalization

Release – 28.5.

Responsibilities



Oliver - *funny guy*
presentations,
documentation,
usability tests



Julian - *web guy*
website, programming,
interface design



Nils - *map guy*
map design, data,
visualizations

current state

Data

- gathered and prepared (Energy Mix & Energy Trade)
- new source: **Observatory of Economic Complexity (OEC)** an online data visualization and distribution platform focused on the geography and dynamics of economic activities. (Msc-Thesis at MIT, fig. 1) https://oec.world/en/profile/hs/electrical-energy
- two spreadsheets: Energy Mix & Energy Trade (fig. 2)

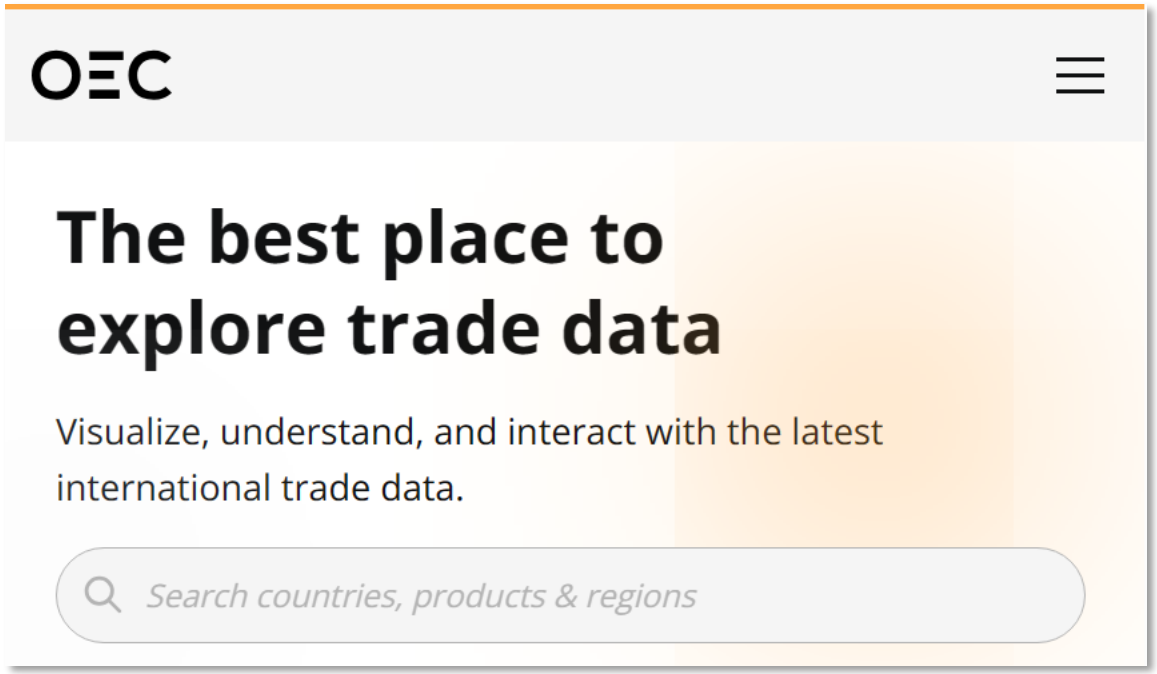


Fig. 1: starting page of OEC.com.

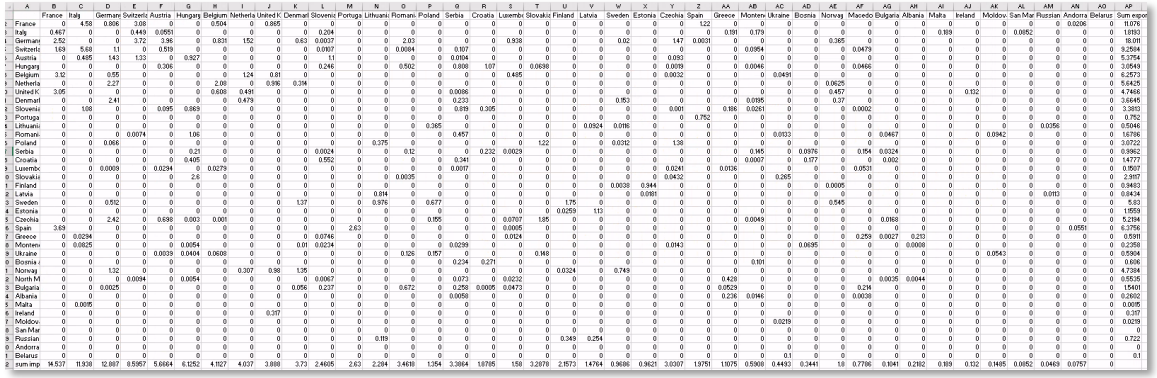


Fig. 2: Spreadsheet for energy trade data.

current state

Map

- Energy Mix map complete (fig. 1)
- features:
  - choropleth map showing share of renewable energy
  - clickable countries with pop-up about detailed energy mix
  - highlighting of selected country (i.p.)

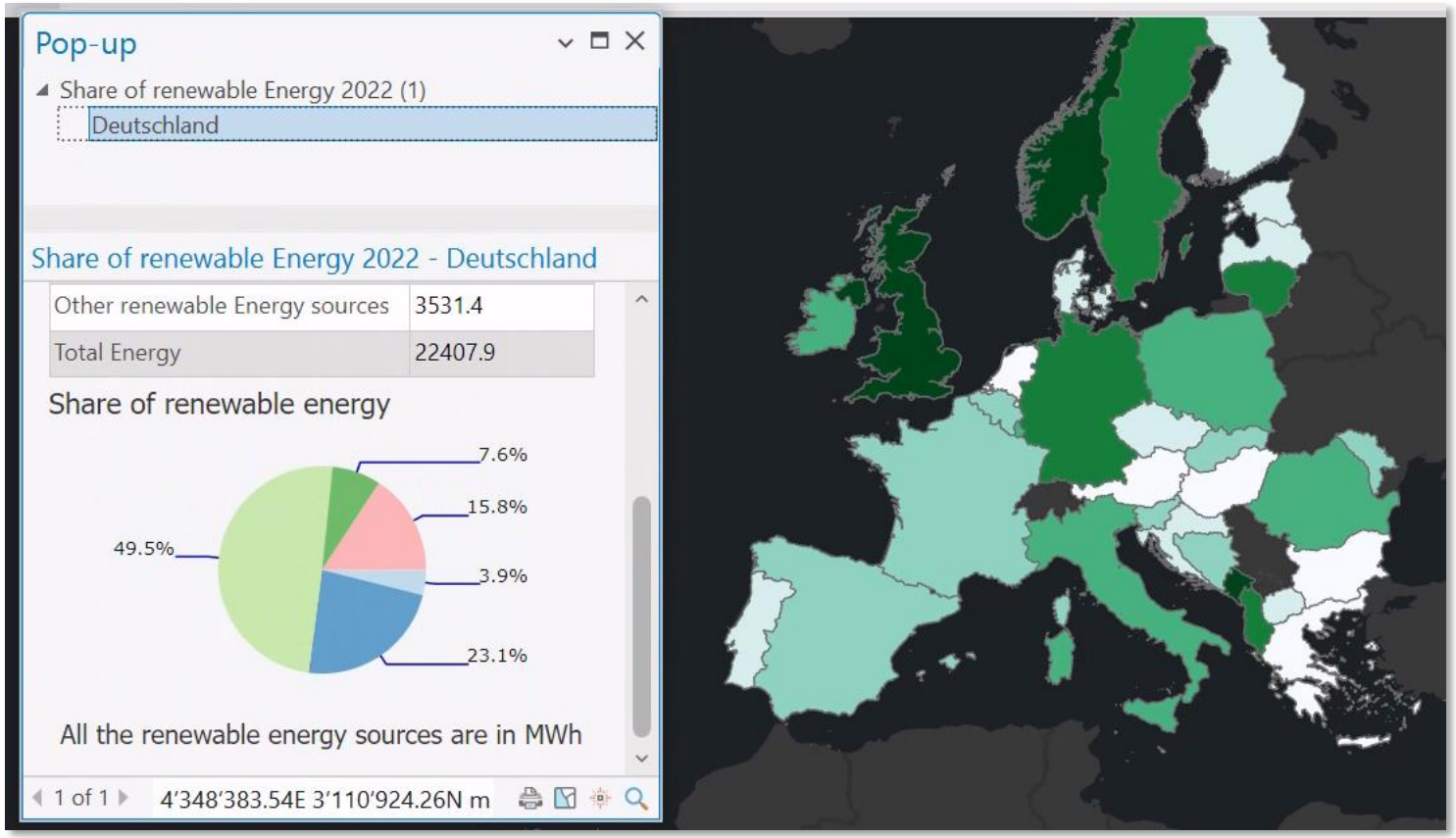


Fig. 1: current state of Energy Mix illustration with pop-up, e.g. Germany.

current state

Map

- Energy Trade map in progress
- features
  - pop-up
  - visual highlighting of import/export partners in map (i.p.)
  - filtering of “null”-values (i.p.)

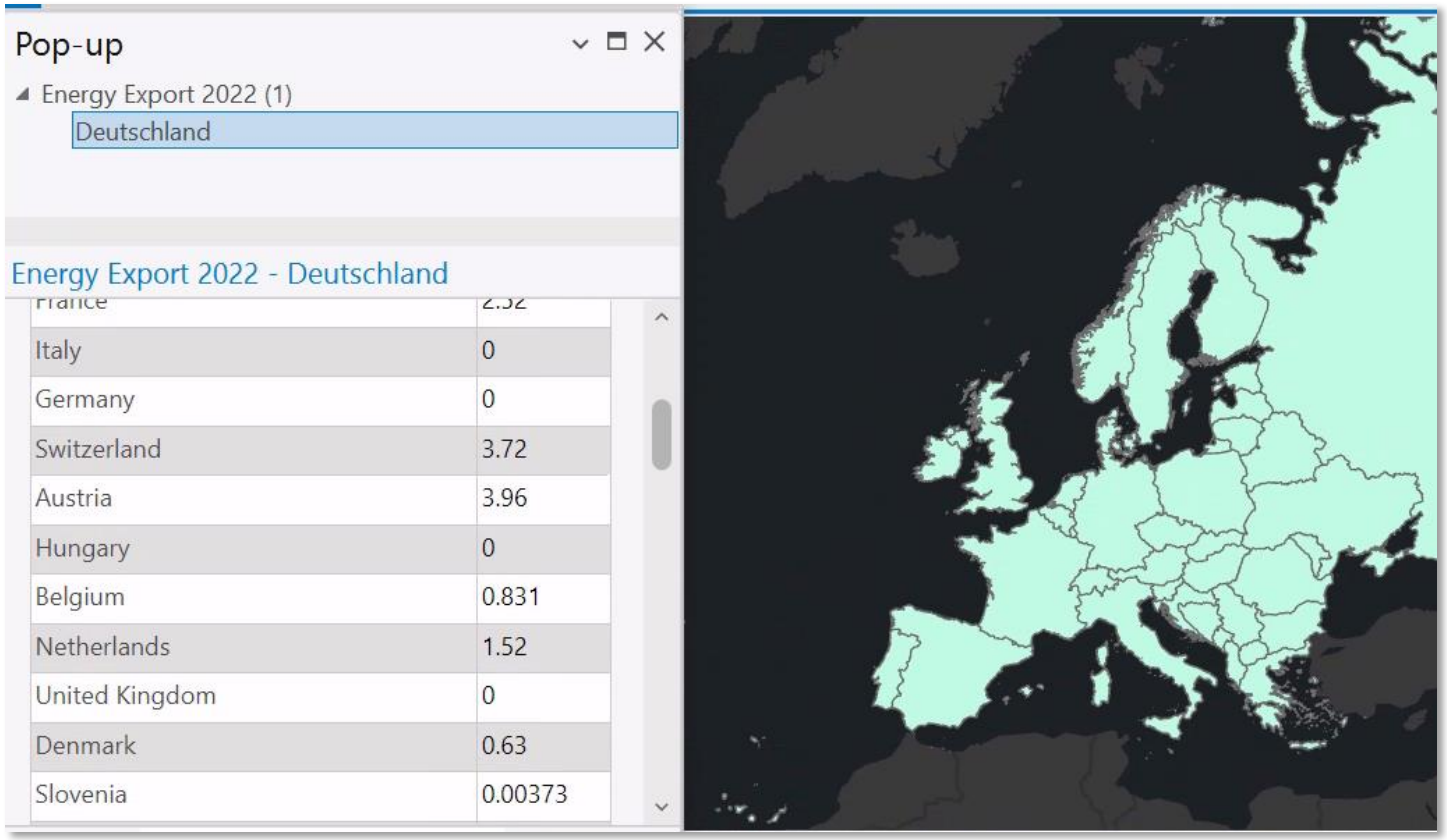


Fig. 1: current state of Energy Trade illustration with pop-up, e.g. Germany.

current state

Web

- website (still) up and running
- text information integrated
- design in progress

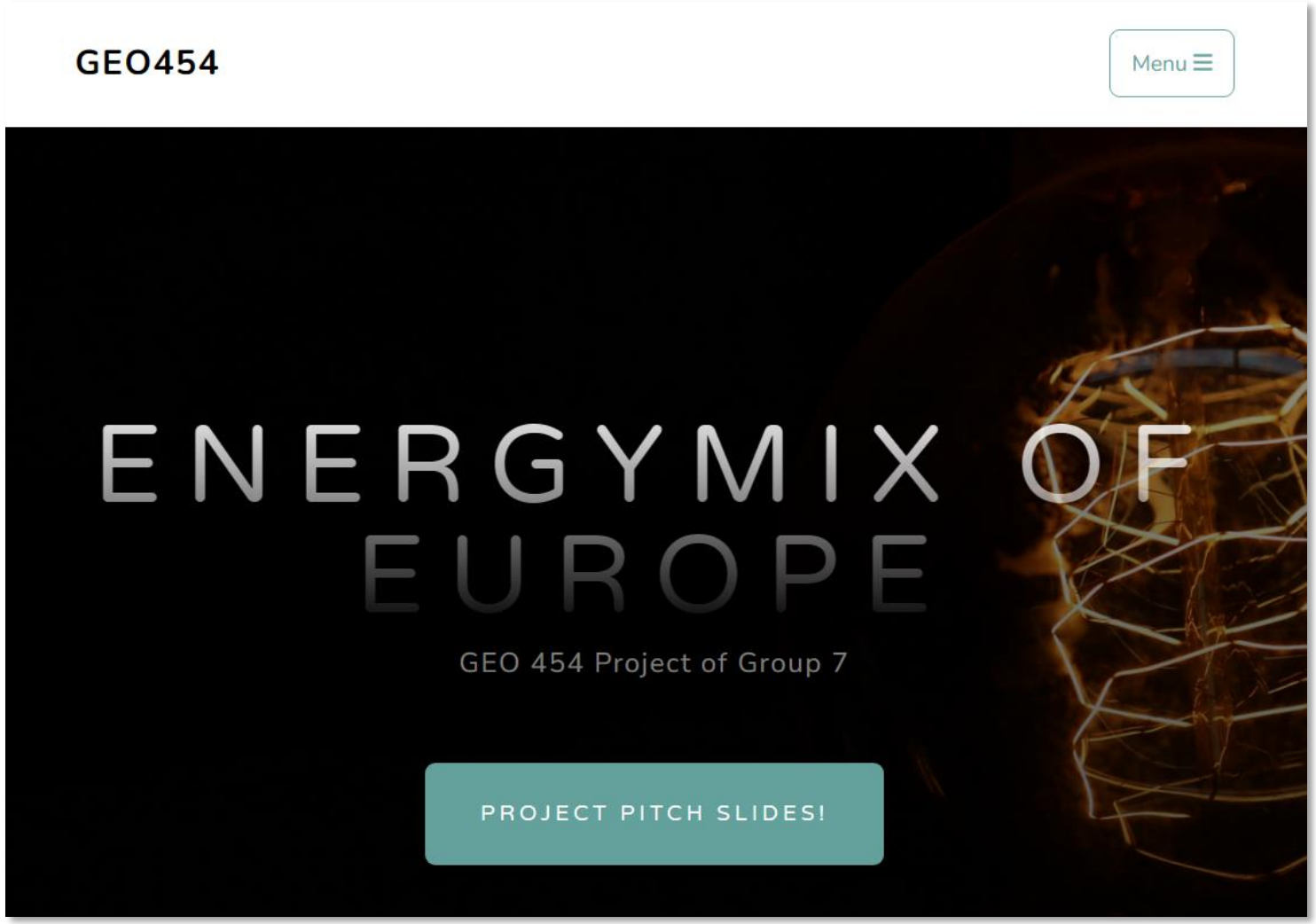


Fig. 1: current state of starting page of our website.

upcoming tasks

Nils

- finalizing maps
- integrating map to web

Julian

- integrating map to web
- polishing of website (design)

Oliver

- finishing touch on website texts
- peer testing of website
- preparing final presentation

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Thank you for your attention!

