

# 080819 Case Study meeting

- Paikalla: Eva Neffling (EDUFI), Antti Laitinen (CSC), Annica Moore (EDUFI), Mika Launikari (Everis/Europass), Janne (Reaktor)
- Short introductions
  - Mika's role in Europass is to ensure the guidance and user-driven experience. Mainly he is busy with the content production.
  - The big picture of Europass is looking chaotic. The launching is in Spring 2020.
- Europass Case Study - background
  - Has come from the commission without a proper guidance - the main point: what's useful for all parties?
  - The approach and the budgets are different in CompLeap and Europass but for example the goals are similar.
  - A lot of architecture work has been done in CompLeap which could be useful for the chaotic development phase of Europass.
  - An algorithm is something that can "live" after the CompLeap project is over but we should also keep in mind the future after the project is over from other perspectives too.
  - How does the guidance is shown in Case Study?
  - What does the guidance mean in this case? Mika:- is the service user-friendly - does it support lifelong learning - learning, career development, jobhunt
  - Europass: A user study in September - individual end-user can use the prototype
  - Is the Europass proto available? - At first it will be available in a closed group.
  - In the long run Europass has a will to build similar features than in CompLeap's interests - Mika has made a research about this for William - some kind of version released in the spring 2020
  - What kind of data the suggestion system is using in Europass?
    - user profile
    - Ploteus (learning opportunities and qualifications) - Europass Advisory group: the criteria of how education programmes and education opportunities can be searched is still "in the air"; the priority is in the higher education - How the information is got from the member countries is a big question?
    - CompLeap has couple of potential international deployment partners that could offer an example what kind of national data is available
    - Funding has been given previously to member countries concerning Ploteus - which wasn't really thought through - it is not a sustainable solution for transferring education information
    - EURES collaboration (job opportunities)
- CompLeap prototype: focus on algorithm and education opportunities
  - In development: a section where ESCO competence will be visible
  - PoC is part of a competence profile in a bigger context - in PoC a bigger vision is tested in a smaller scale
  - Are the results plausible? How satisfied are we?
    - HTML prototype is similar to Europass prototype
  - At the moment too much is tried in Europass in relation to schedule
  - Competence vs. skills - according to commission "competence" shouldn't be used
    - Strong authentication: Does the information come directly or is it transferred? A difficult question - people with a long education history make it scrappy - the main thought is the automatism - not like in LinkedIn where a user can add anything they want
  - Algorithm: What kind of problems have been solved?
    - It has been done in natural language - the education related descriptions - is written for a human user
    - By machine learning semantic meanings are sought
      - combined with interests a service offers suggestions
    - Challenges:
      - The approach requires that the text needs to be similar: eRequirements - the descriptions of the education is written in the "official language"
      - the used data needs to be similar in quality
    - Emphasis: what information is more meaningful than other?
      - Prior education + interests - only limited amount of data is used
      - Work experience and the education history is emphasized so that the most recent ones are prioritised
- Next steps
  - Europass Architecture
    - Meeting in August - September
  - Valentina Azzarella (Everis)
  - William is on a Holiday until 20th August
  - Mika will contact Eva