Creating synergies between GUIDE and INTERMIN

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Why connecting GUIDE and INTERMIN?

Aim

• Creating synergies between both existing initiatives/projects
• Support the sustainability of both projects by expanding their network
• Foster **high standards in education** across Europe through transparency and comparability
• Foster **student mobility** by increasing the transparency and the comparability of university programs
Finished

- Structure of the GUIDE
  - BDG and EFGs PE „Education“
1. Natural Sciences basics
   - e.g. mathematics, chemistry etc.

2. Geoscientific basics
   - e.g. geochemistry, geophysics, geology

3. Geoscientific specializations
   - e.g. economic geology, engineering geology, mineralogy

4. Field work

5. Related fields
   - Geography, Mining Engineering

6. Methodological foci
   - GIS, scientific working, english

7. General Information

8. INTERMIN Skill Catalogue
1. Geoscientific foci
   - e.g. economic geology, geochemistry, geophysics

2. Related foci
   - e.g. archeology, mining engineering, geography

3. Methodological foci
   - GIS, scientific working, english

4. General Information

5. INTERMIN Skill Catalogue
Finished

- Structure of GUIDE
  - BDG and EFGs PE „Education“

- Specification sheet for IT-company

- Collection of tenders (3)

- Acceptance of tenders and start of programming
  - DT-Informatik (Germany)
Browsing for discipline(s)

- B.Sc.
- M.Sc.
- Discipline
- INTERMIN-Skill
- Geophysics
- Hydrogeology
- Sedimentology

University of Paris, Paris, France
Miskolc University, Miskolc, Hungary
University of Munich, Munich, Germany
University of Rome, Rome, Italy
University of Cologne, Germany
University of Madrid, Spain
Imperial College, London, UK

Credit Points
Comparison of university curricula

- Mathematics
- Chemistry
- Physics
- Biology
- Others

- Crystallography
- Dumping / Ultimate Disposal
- Economic Geology (Min. Raw Mat.)
- Economic Geology (Oil/Gas/Coal)
- Engineering Geology / Geotechnology
  - Geobiology
  - Geochemistry
  - Geo-Energy
  - Geo-hazards
  - Geophysics
  - Glaciology
  - Historical Geology
  - Hydrogeology
  ...
  ...
  ...

Imperial College
London, UK

Miskolc University
Miskolc, Hungary

University of Amsterdam
Amsterdam, The Netherlands
Future activities / timeline

Tasks

- Construction of the online-portal  until mid 2019
- Test of the portal (with 5-10 Universities)  until end 2019
- Dissemination among European universities  until mid 2020
- Launch of the portal  until May 2020
- Dissemination and network expansion  until Jan 2021 and beyond
Connection of both online portals

Potential ways to increase the connection of both portals

• Integration of links within the websites
  – e.g. INTERMIN skills

• Field in the General Information section

• Exchange of information between portal operator (GDPR?)

• Implementation of (optional) REST-APIs
  
  (REpresentational State Transfer Application Programming Interface)
Connection of both online portals

```
0:
  id: 442
  bez: "Geowissenschaften MSc - Geologie"
  uni_id: 22
  link: "http://www.uni-frankfurt.de/48929190/master"
  zulassungsbeschränkung: false
 Unterrichtssprache: "Deutsch / Englisch"
  gelaendetag_min: 20
  gelaendetag_max: 50
  studiengang_seit: 2007
  akkreditiert_seit: 2012
  erstsemester_msc: 9
  absolventen_msc: 7
  professoren_anz: 19
  exkursion_pflicht_ok: true
  exkursion_wahl_ok: true
  stand: 2017
  Uni:
    {...}
  StudiengangDisziplins: null
  Disziplins:
    [...]
  all_cp:
    1:
      {...}
    2:
      {...}
```
Future activities / timeline

Contact persons

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