

Experimental Learning in Industrial Management

What then for AIM?

Step 1: Get overview at first glance

Ongoing Activities on Experimental Learning (EL) in Europe

(Literature, Conferences*, Research**, Networks/Communities***, Working Groups, Surveys****, Industry*****)

Target:

- Get an overview to define a starting point and specify open questions

To do:

- Collect and sort information ...



Potential starting point to apply for possible EU Funding

Step 2: Analysis – Best practice for EL in IM

Target:

- Identify and share best practice
- Analyse EL in theory and practice

To do:

- Attend conferences
- Set up further surveys
- Organise benchmark trips ...

*e.g.: 2nd conference on learning factories; IEEE EDUCON; Dortmunder IE-Fachtagung

**e.g.: Project TeachING.LearnING EU; Project Elli

*** e.g.: SAGE: Simulation and Advanced Gaming Environments for Learning

****e.g.: Survey on Learning factories by Prof. EIMaraghy, survey on Curriculum of Master of Advanced Industrial Management by Prof. Dombrowski

***** e.g.: Simulation Work Environment by GM

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Step 3: Common understanding and Benefit of EL

Target:

- Create a common understanding of EL
- Prove why EL is an appropriate concept for IM higher education

To do:

- Define IM tasks, necessary asset of competences, learning targets
- Develop a way how to evaluate competence development respectively benefit of EL
- Set up surveys, expert interviews ...

Step 4: Define Framework for Educational Program based on EL

Target:

- create a framework with recommendations how to integrate EL

To do:

- Define an core work group/ an advisory board, organise workshops (e.g. in combination w/ benchmark trips)
- Analyse different cultural, organisational and social background at European universities ...

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Step 5: Evaluation (“Summerschool”) (mid-term vision)

Target:

- Evaluate framework and benefit of EL by a prototype (e.g. summerschool)
- Enable exchange of students,
- Support development of holistic competence profile, including intercultural competence
Maybe integrate Industry by forming mixed groups w/ employees and students

To do:

- Develop and organise summerschool according to the EL framework ...

Step 6: Consolidation (long-term vision)

Target:

- Establish „IM Summerschool“ as a yearly event (rotating locations within Europe)
- Create European curriculum of IM based on EL framework
- Sustainable discussion about EL within AIM, support AIM fellows w/ EL

To do:

- Create structure to organise, finance, schedule summerschool,
- Integrate EL at each AIM conference
- Further development of AIM homepage to exchange information ...

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Conclusion 6

Step 5: Evaluation ex. Summerschool

- Organise „IM Summerschool“
- Targets: improve quality of IE Education and thus students employability. Encourage European exchange and international experience of students, support development of intercultural competence. Maybe integrate industry by forming groups w/ engineers/workers and students
- To do: choose participants, organise summerschool, develop or adapt existing EL course to defined requirements

Step 6: Consolidation/ Sustainability

- Establish „IM Summerschool“ as a yearly event (rotating locations within Europe)
- sustainable discussion about EL
- Targets: support further improvements of IM higher Education. Encourage exchange of EL best practices in AIM, support AIM fellows implementing EL
- To do: define sustainable structure to organize, finance, schedule summercamp
integrate topic EL on AIM conference, further development of AIM homepage to exchange information

“Now it’s time to act and AIM is in charge!”