



SUSTAINABLE QUALITY ENHANCEMENT IN HIGHER EDUCATION LEARNING AND TEACHING. INTEGRATIVE CORE DATASET AND PERFORMANCE DATA ANALYTICS

9 Participating countries:

Start: 01-12-2017 - End: 31-08-2020
Project Reference: 2017-1-DE01-KA203-003527
EU Grant: 405512 EUR

Programme: **Erasmus+**
 Key Action: **Cooperation for innovation and the exchange of good practices**
 Action Type: **Strategic Partnerships for higher education**

Topics:
 Quality Assurance Quality Improvement Institutions and/or methods (incl. school development)
 ICT - new technologies - digital competences



Motivation & goals of SQELT project

Requirements of knowledge societies & socioeconomic mobility in globalised world → Quality management (QM) in higher education institutions (HEIs) more important than ever → **Need for systematic performance monitoring & strategic quality & organisational development in learning and teaching (L&T)**

Establish **Performance Data Governance and Management (PDGM) Model** including a **comprehensive set of** (quantitative & qualitative) **performance indicators** (PIs) for assessing HEIs' performance quality in L&T

"L&T dataset": Generic core data relevant to any HEI; **Toolbox** from which HEIs can select **individual** PIs according to specific strategic profiles, missions & visions (additional foci: **Learning Analytics**; **Ethical Code of Data Practice**; stakeholder participation; PDM operationalisation & software)

Contribute to **'Research on Indicators of Teaching Quality'** (recommended to EP in 2015)

Methodology of SQELT project

Benchmarking on available **PDGM models** and partners' **practice of PDGM** in L&T, including **strategic SWOT analysis**; **literature analysis**; **focus group surveys** with the project HEIs about their assessments of relevance and actual use of PIs & PDGM; **external experts' critical assessment**; **impact analysis** to support inductive development of reference framework; **justification of PIs** by reference to **learning theories**

5+3 Transnational Project Meetings; **1+8** nine Multiplier Events; **1** International Evaluation Workshop; **1** International Conference; **7** Dissemination Workshops

Main Intellectual Outputs: **Benchmarking Report(s)**; **comprehensive PI set**; **Ethical Code of Practice for PDM**; **explorative Impact Analysis**; **Manual for the Implementation of PD(G)M**; **Peer-reviewed Publications**

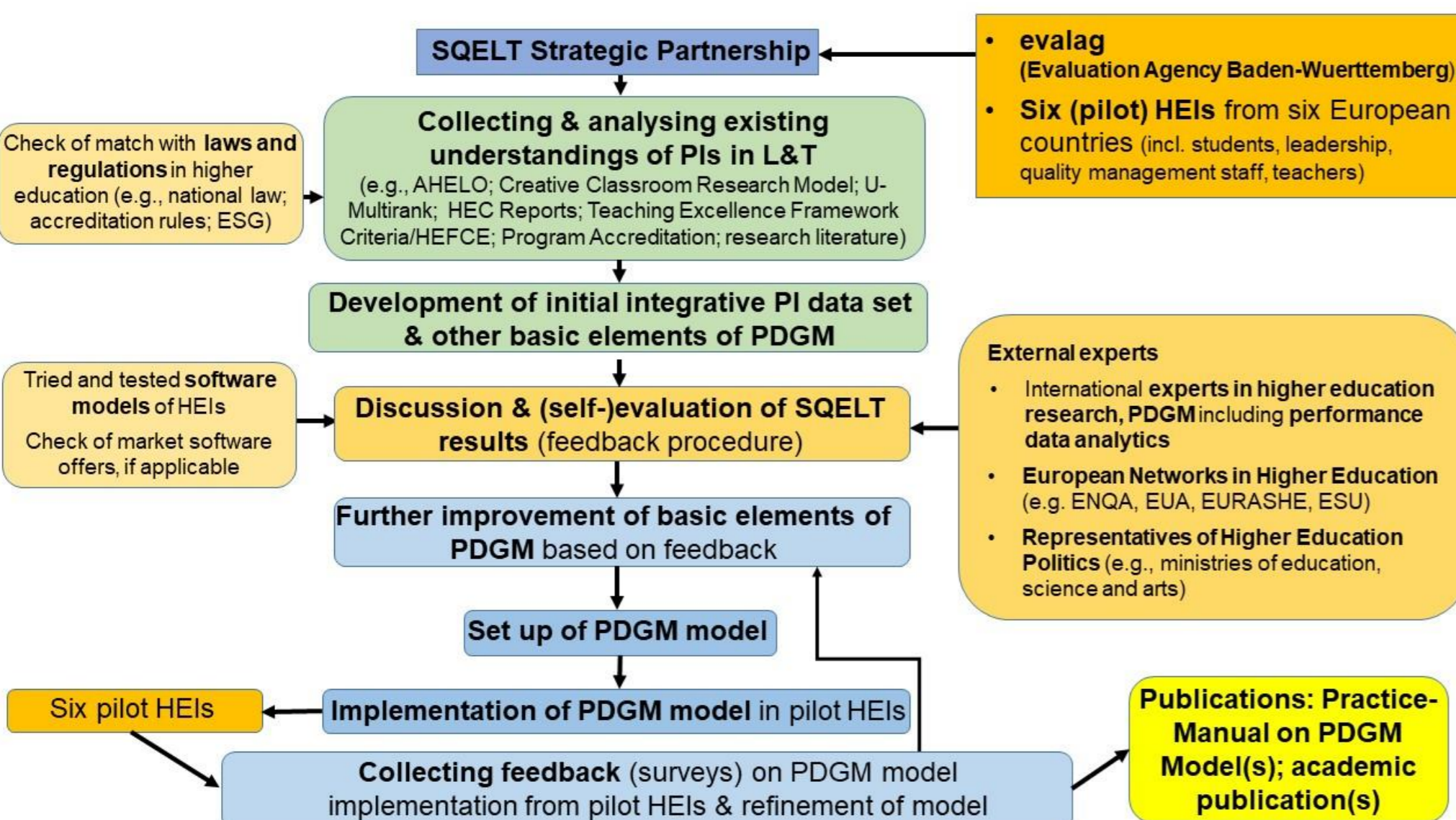
Target groups of SQELT project results

Stakeholders interested in L&T quality enhancement (e.g. **teachers**; **students**; researchers; **department heads/programme directors**; deans; **government & policy makers**; community & donors; executive officers; survey supervisors; administrators; **QA agencies**)

Pilot project with limited capacities: focus on HEIs including **students**, **teaching staff**, **leadership** & **internal QM**



- UNIVERSIDADE DE AVEIRO
- UNIVERSITEIT GENT
- UNIVERSITEIT LEIDEN
- Centro de Investigação de Políticas do Ensino Superior
- UNIVERSITÄT FÜR WEITERBILDUNG KREMS
- UNIWEISYTYET JAGIELLONSKI
- BIRMINGHAM CITY UNIVERSITY
- UNIVERSITÀ DEGLI STUDI DI MILANO
- UNIVERSITETET I OSLO



SQELT project results dissemination & 'sustainability'

SQELT Strategic Partnership: strategic SWOT analysis & benchlearning; focus group surveys; implementation of SQELT results in 6 pilot HEIs

INTERNATIONAL EVALUATION WORKSHOP

"Performance Indicators of Higher Education Learning and Teaching in Context: Governance, Quality Management, Learning Theories and Policy", 1-2 July 2019, Danube University Krems, Austria (3 keynotes, 2 workshops etc.: <https://www.evalag.de/forschung/sqelt/public-events/>)

INTERNATIONAL FINAL CONFERENCE

5-6 May 2020, Ghent University, Belgium

7 EURO-REGION TRAINING WORKSHOPS (Austria; Belgium; Germany; Italy; Poland; Portugal; United Kingdom)

SQELT publications

Leiber, T. (2019) A general theory of learning and teaching and a related comprehensive set of performance indicators for higher education institutions. *Quality in Higher Education* 25 (1), 76-97

Leiber, T. (2019) Performance data governance and management in learning and teaching: Basic elements and desiderata in the light of a European case study, **submitted** for publication (GfHf Annual Meeting)

SQELT authors (2020) Performance Indicators of Higher Education Learning and Teaching in Context, Special Issue, *Quality in Higher Education*, in preparation

SQELT Manual (open source)

SQELT public presentations

Leiber, T., Kane, D., & Williams, J. (2018) *Sustainable Quality Enhancement in Higher Education Learning and Teaching. Core Data, Performance Indicators and Learning Analytics*. Presentation and Workshop, **EAIR 40th Annual Forum "Competition, Collaboration and Complementarity in Higher Education"**, Central European University, **Budapest**, Hungary, 26-29 August 2018

Leiber, T. (2018) *Sustainable Quality Enhancement in Higher Education Learning and Teaching. Integrative Core Data and Performance Data Analytics*. Presentation and Workshop, Erasmus+ Strategic Partnerships, **Kick-off Meeting** and Thematic Monitoring for Project Coordinators, Muenster-Carré **Bonn**, Germany, 11-12 October 2018

Leiber, T. (2019) *Organizational Development Related to Performance Data Management in Learning and Teaching. A Case Study of Six European Universities Based on Benchlearning and Strategic SWOT Analysis*. Presentation at the **14th Annual Meeting of the Society for Higher Education Research (GfHf)**, University of **Magdeburg**, Germany, 20-22 March 2019

Leiber, T. (2019) *Performance Data Governance and Management in Learning and Teaching: Basic Elements and Desiderata*. Presentation at the Workshop "Facetten der Leistungsmessung an deutschen Universitäten: Verfahren, Indikatorik, Wirkungen" as part of the project „Leistungsmessung und -beurteilung für Universitäten. Indikatoren und ihre Interdependenzen in Forschung und Lehre“, funded by the Federal Ministry of Education and Research (BMBF), **German Centre for Higher Education Research and Science Studies (DZHW)**, **Hannover**, 6 June 2019

Rosa, M.J., Bruckmann, S., Rafael, J.A., & Costa, D. (2019) *Internal Quality Management Systems: 'Baby Cribs' for Learning Analytics Approaches?* Presentation at the **EAIR 41st Annual Forum "Responsibility of Higher Education Systems: What? Why? How?"**, **Leiden University**, 25-28 August 2019

SQELT newsletter contributions

- evalag Newsletter 15 (January 2018), p. 4
- ENQA Newsletter 22 (March 2018)
- evalag Newsletter 18 (February 2019), pp. 4-5
- INQAAHE Newsletter (March 2019), p. 14
- evalag Newsletter 19 (May 2019), p. 6
- idw News (17 May 2019)
- ENQA Newsletter 27 (June 2019)
- evalag Newsletter 20 (July 2019), p. 5

SQELT further media

evalag SQELT website – **ResearchGate** – **Academia.edu** – **Facebook** (probably)

SQELT follower project



European added value:

- Comprehensive performance indicator set for higher education learning and teaching**
- Justification of performance indicators by learning theories**
- Performance Data Governance and Management Policy** (template document)
- Ethical Code of Practice for PD(G)M**
- SQELT Manual for Implementation of Performance Data Governance and Management models in HEIs**
- European network realised by SQELT Strategic Partnership** (Austria; Belgium; Germany; Italy; Netherlands; Norway; Poland; Portugal; United Kingdom)

SQELT Contact

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