



universität  
wien

Forschungsservice und  
Nachwuchsförderung

# ***MARDS Training Course, June 2019***

## ***Professional Management in Doctoral Education***

Doc-Monitor

Data Monitoring and Reporting

[www.mards.ucg.ac.me](http://www.mards.ucg.ac.me)

Co-funded by the  
Erasmus+ Programme  
of the European Union



Training “Professional Management of Doctoral Studies”  
June 2019 in Vienna



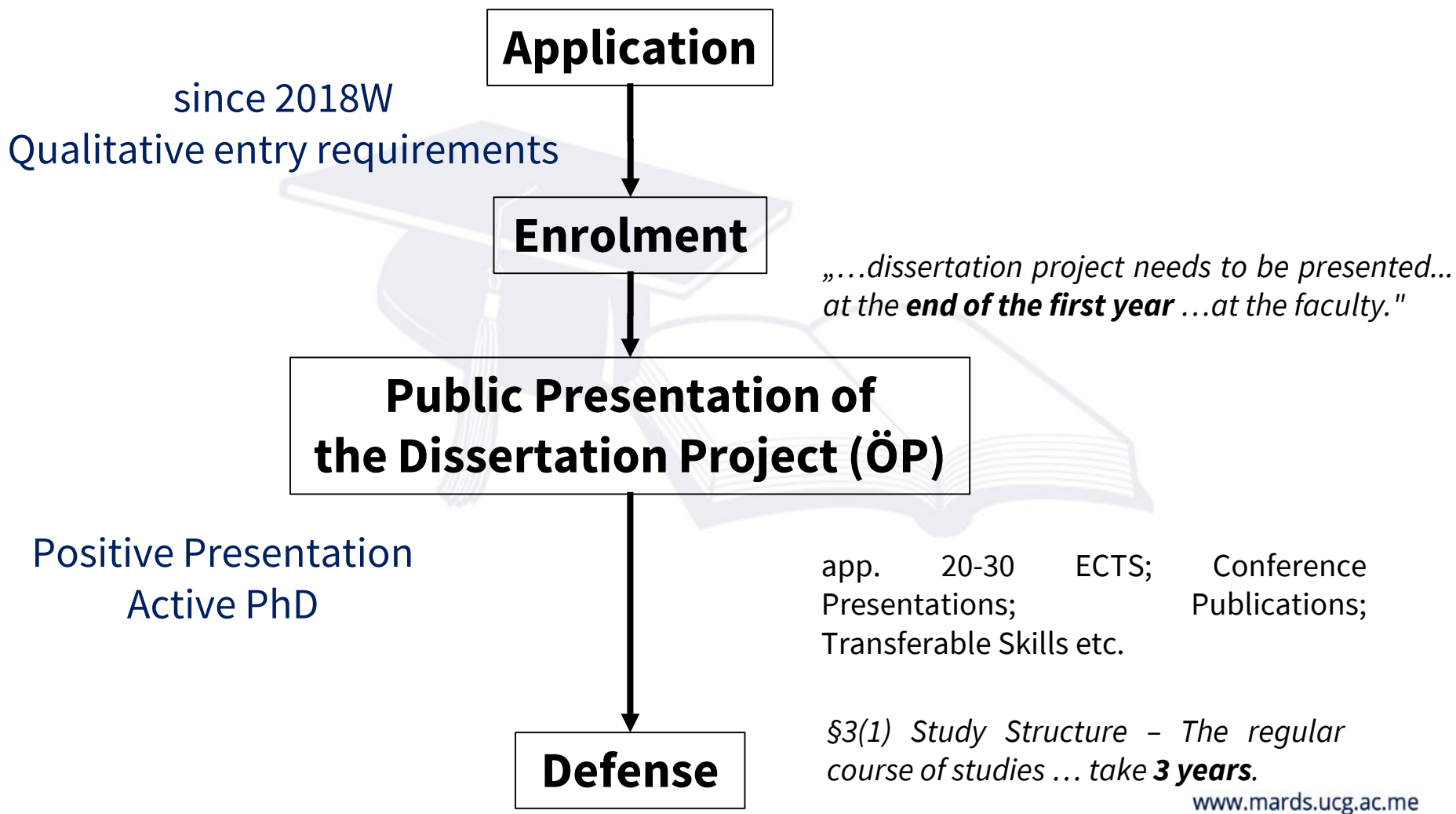
# Goals of the Doc.Monitor

- Increase our understanding of the doctoral candidates population
- Provide robust information for evidence-based decision making
- Raise awareness about issues of concern
- Be able to benchmark with similar institution and to define target based on transferable and accepted indicators
- Move of anecdotal knowledge and rumors to hard facts

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# PhD UniVIE – Milestones and Deliverables



# Raw Data and Analysis

APPLICATIONS

ENROLMENTS

ACHIEVEMENTS

FUNDING

SUPERVISION

Centralized Datasource

Raw Data  
DWH Datamarts



IBM Cognos  
Report Studio

Developed together with Controlling, Study Services,  
Finance, Human Resources, etc.

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# Doc:Monitor

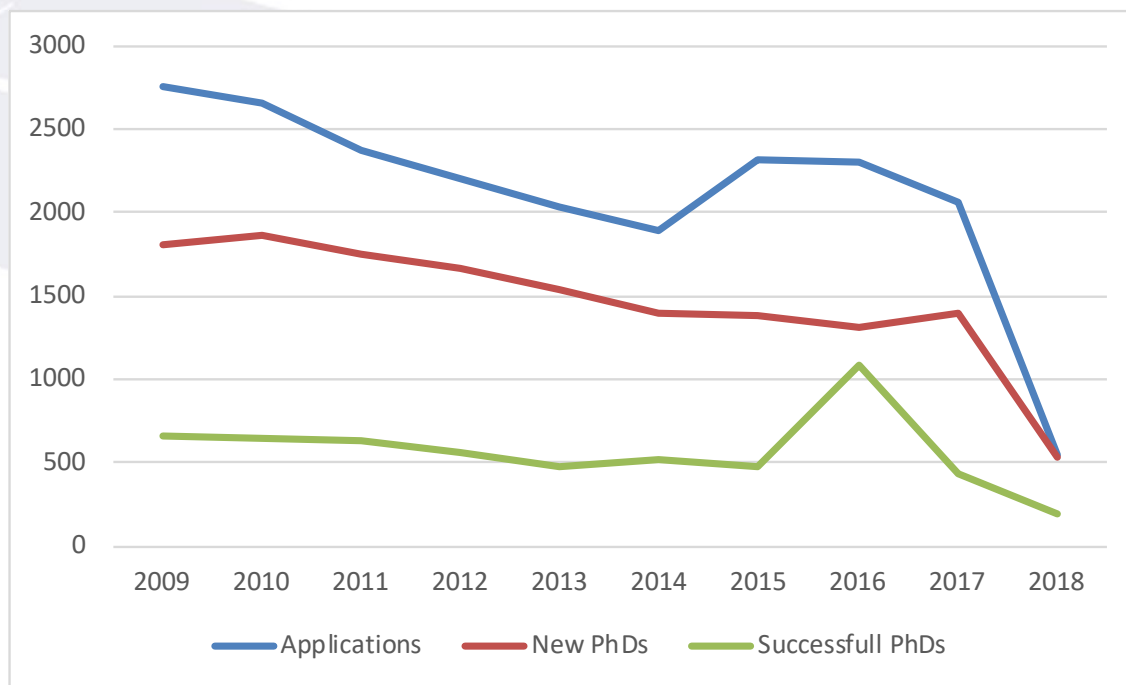
## Monitoring of PhD Candidates at the University of Vienna

### Comprehensive Data Base

**5200 PhDs | 2700 Active**

**38% Internationals**

**1000 Fully Funded**



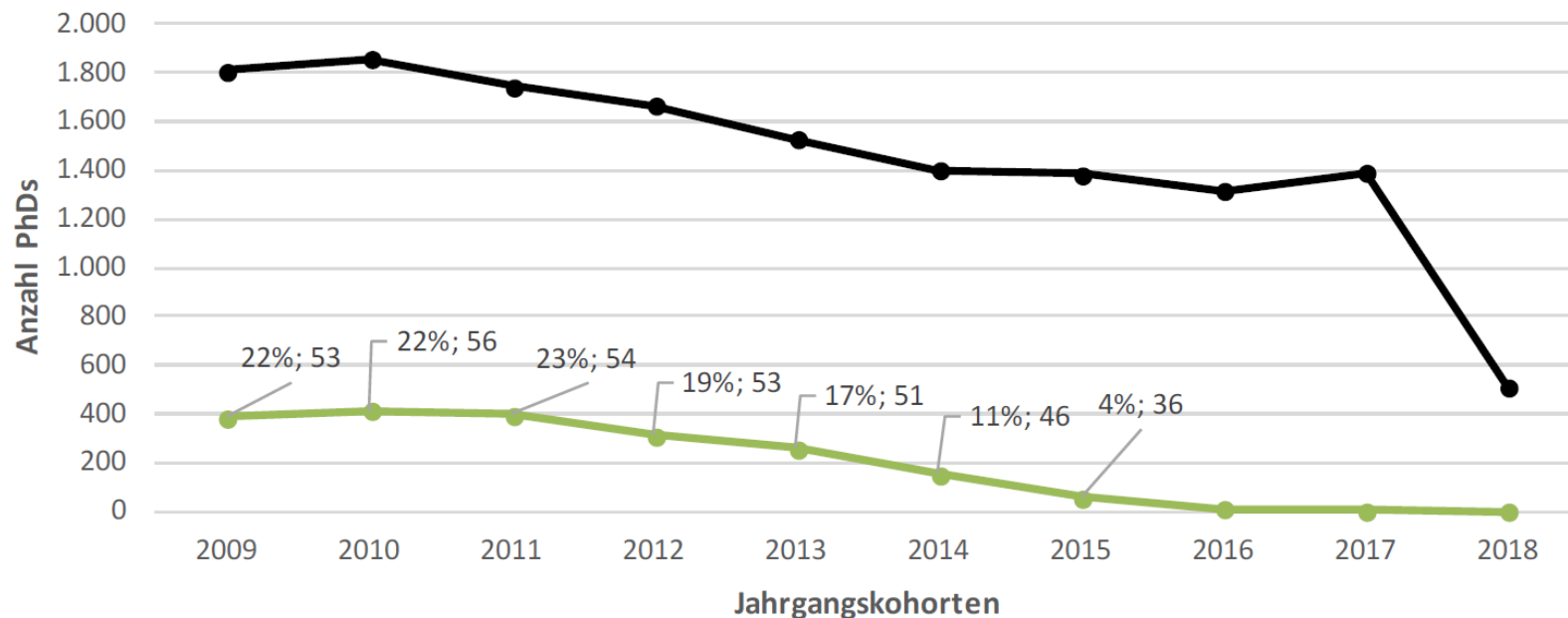
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# Doc:Monitor

## Monitoring of PhD Candidates at the University of Vienna

### Completion rates

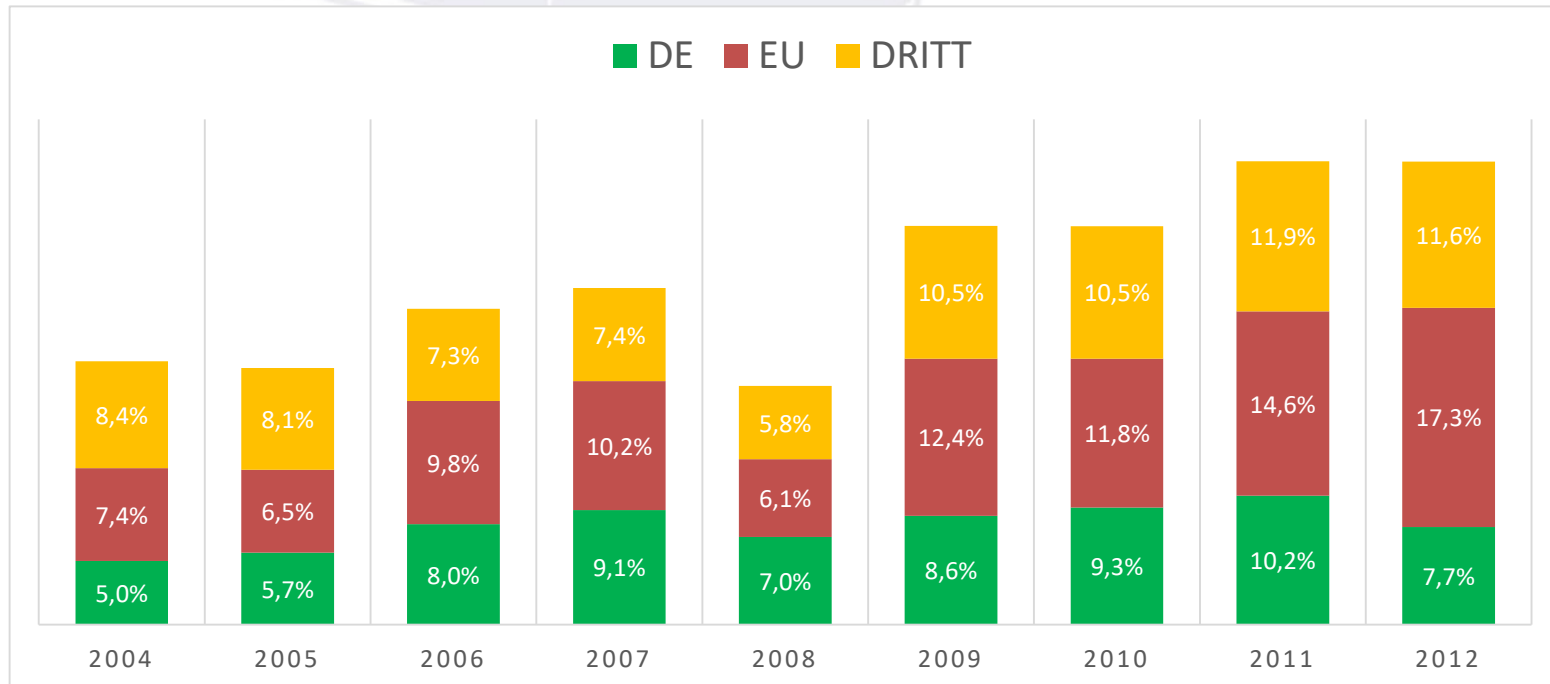


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## What an umbrella organization can do: **Data monitoring**



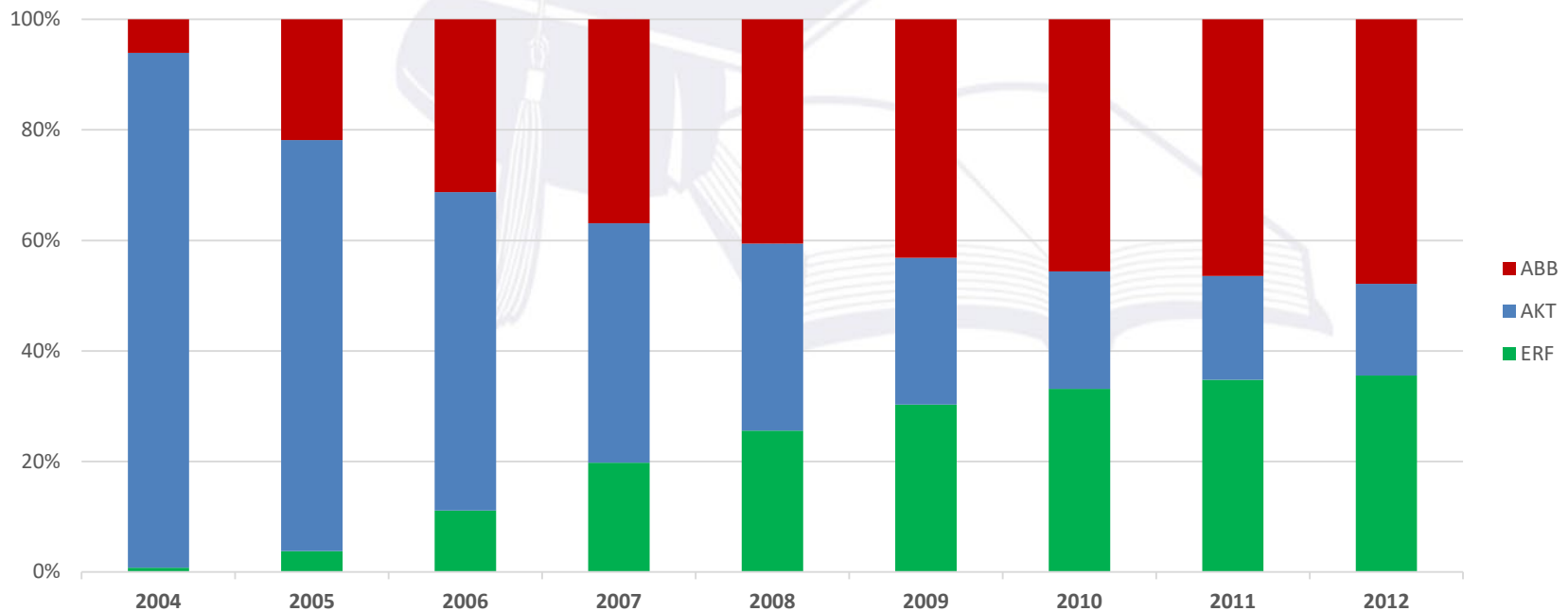
International candidates

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## What an umbrella organization can do: **Data monitoring**



Development of a cohort over time

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## Key Indicators

- **Applications and Intake**
- **Active PhDs** (+/- Public Presentation | Time-to-Public Presentation)
- **Completion Rates and Time-to-Degree (TTD)**
- **Gender | Nationality** (AT | DE | EU | DRITT)
- **Funding-Status** (FULL | PART | NONE)
- **Funding-Sources** (INTERNAL | THIRD PARTY)
- **Study Clusters and Cohort Compositions** (Success | Ongoing | Dropout)

### Influencing Variables for Performance

- Development of Applications/Intake due to entry requirements
- Completion Rates Funded vs. Non-Funded PhDs
- TTD depending on Gender, Nationality, Study Cluster, ...

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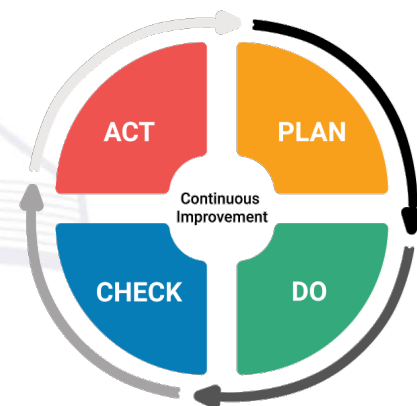
# Reporting

## STATUS QUO

- Standardized Doc:Monitor Report 1x per semester
- Ad Hoc Reports for Directors of Study Programmes, Rectorate, Finance, HR, ...

## OUTLOOK

- Monitoring aligned to PDCA Cycle, close contact to stakeholders
- Standardized as well as tailor-made reports, directly accessible in DataWareHouse
- Stronger focus on student surveys, integration of qualitative data



# Agenda

## Tuesday:

- Welcoming at the University of Vienna, Introduction to the programme
- Governance of the University of Vienna
- Structure and Services of the unit “Research Services and Career Development”
- Doctoral education in Vienna and Austria

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# Agenda

## Thursday:

- Introduction to the training, Get to know each other, Learning outcomes and clarifying expectations
- Policy Trends and Governance in Doctoral Education and major challenges of implementing these trends in countries like Slovakia - or Montenegro and Albania
- “Reality Check” – Reflecting the situation at your home institution
- Presentation of groups in the plenum (hot topics, major obstacles, needs, stakeholders)

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# Agenda

## Friday:

- Reflecting on learning outcomes of the day before
- Presentations on quality assurance, advice and support, career development and transferable skills
- Case studies: Setting up services
- Take home message and tasks

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# Professionals in HE with DE

- Having a profound and holistic understanding of the systematic level of doctoral education globally and
- Being able to translate their knowledge for the benefit of their own institution and doctoral education in general.
- Being aware of the context of their work.
- Being well embedded and connected within their institution and with their peers.

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# Professionals in HE with DE

- Understanding the great importance of networking with other sectors and with other institutions across Europe and globally.
- Having the capability of identifying and solving problems and providing options for decision-making in the field of doctoral education and
- Contributing to the further development of doctoral education within their own institutions.

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# Professionals in HE with DE

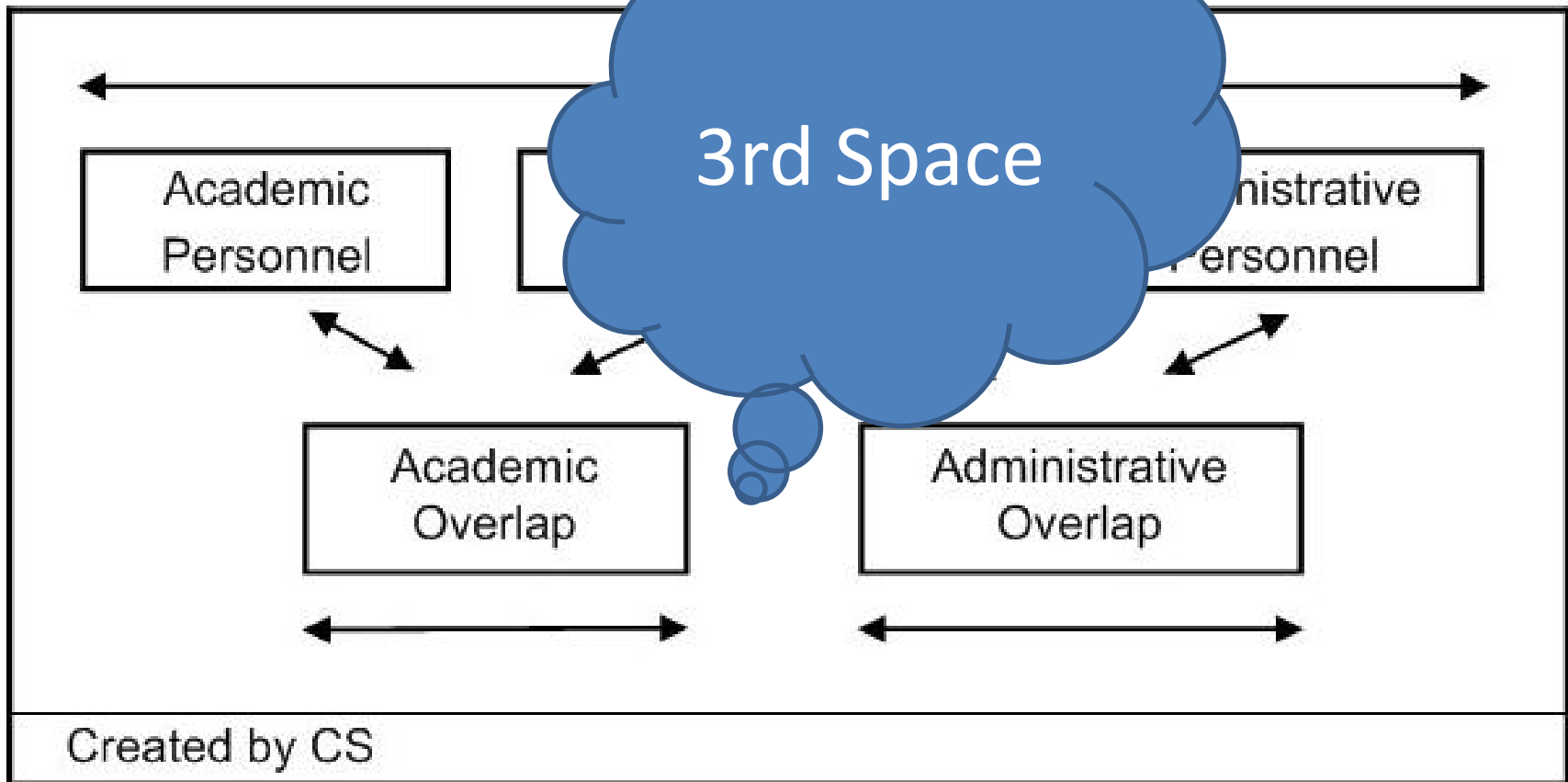
- Nowadays the academic vs non-academic dichotomy has mutated to a trias in which higher education professionals reflect the functional differentiation of university personnel.
- This is equally true in doctoral education.

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# Professionals in HE with DE



Overlap Model created by Christian Schneijderberg

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# What professionals do?

- Promotion of doctoral studies;
- Organizing the recruitment and enrollment;
- Supporting/organizing lectures or trainings on transferable skills;
- Consulting PhDs on career topics,
- Establishing relations with potential employers
- Dealing with legal issues in doctoral education;
- Supporting university boards, committees;
- Management of doctoral /graduate school;
- Quality control/assurance and data monitoring;
- Initiating and managing third party funded projects on doctoral education;
- Preparing and evaluating data in the field of doctoral education;
- Supporting curriculum development;
- Introducing good scientific practice....

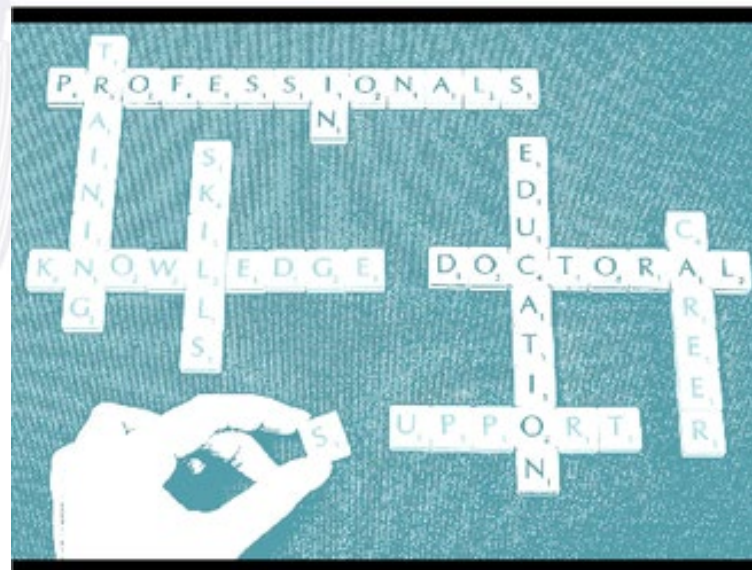
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# Professionals in HE with DE



## PROFESSIONALS IN DOCTORAL EDUCATION



Edited by Lucas Zinner

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