

Challenges related to international collaborative programmes in Europe

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Can a „one size fits all“ approach work?

YEBO! Training Session 3

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Doctoral Studies Working Group

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- **39** Universities from **23** European countries
- **>1,4M** students
- **>226 000** staff (teaching, research, admin.)
- The latest overview (2014), showed that **36 000** students had undertaken Erasmus mobility to/from CG universities (**16%** of all Erasmus students in Europe)
- **Multi-billion €** total annual Research budget

About the network:

- Long-established, comprehensive and multidisciplinary European universities
 - Networking and strategic partnerships
 - Promote internationalisation, academic collaboration, excellence in learning and research, service to society
 - Contribute to the debate on higher education in Europe and, where appropriate, influence European policy
 - Develop best practice through mutual exchange
- WG Doctoral Studies

A systematic approach to international mobility schemes

INTERNATIONAL COLLABORATIVE PHD PROGRAMMES

- Guest researchers
- Free-Movers
- “Sandwich” PhD programmes
- Double and joint degree PhD programmes

institutionalisation

A blue vertical line with a downward-pointing arrowhead at the bottom, indicating a process or trend.

- Guest researchers
- Free-Movers
- **“Sandwich” PhD programmes**
- **Double and joint degree PhD programmes**

institutionalisation
↓

- Challenges related to international collaborative PhD programmes in Europe

TYPES OF INTERNATIONAL COLLABORATIVE PhD PROGRAMMES

„Sandwich“ PhD Programme

Contract

One university is home university

Significant research stay at partner institution

Degree of home university

Double Degree PhD Programme

Contract

Admission at both universities

Significant research stay at partner institution

Two interlaced documents

Confirms that it sticks to two national standards

Joint Degree PhD Programme

Contract

Admission at both universities

Significant research stay at partner institution

One joint document

New examination regulation for this programme which may deviate from national regulations

Diversity of national legislation, higher education systems, goals

INTERNATIONAL COLLABORATIVE PHD PROGRAMMES - CHALLENGES

Challenges due to

- different regulation by national standards
 - different higher education systems
 - different goals of involved parties (individual motivation vs. institutional policies vs. national/EU/international agenda setting)
-
- Doctoral education landscape in Europe is highly diverse and heterogeneous!
 - Challenges affect not only the institutional, but also the individual level (i.e. challenges for doctoral supervisors)!

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- How much deviation from national legislation is allowed? Some national systems are very strict. Deviations are very bureaucratic or even impossible.
 - Example: „Supervisor must be a member of the committee“ vs. „Supervisor is not allowed to be a member of the committee“.
 - Example: Admission to PhD programmes with a Bachelor degree vs. Requirement of 5 years of university training / a Master degree.
 - University-internal „No-Go“-criteria, e.g. joint degrees only with equal time distributions at the partner institutions (or minimum requirements of a research stay of at least one year at the partner institution).
-
- Incompatible? Feasible? Compromise possible?
 - Communication!

EXAMPLE ON DIFFERENT NATIONAL STANDARDS: ACADEMIC TRADITION IN GERMANY

- Authority is shared between national government, federal state governments, universities, and faculties
- Balance of power between central units and faculties (traditionally leaning towards faculties)
 - Right to award doctorates: Faculties (Dr.rer.nat., Dr.phil. etc.)
- Freedom of research and teaching (guaranteed by German constitution)
 - Professors decide (basically alone) whether to accept someone as doctoral candidate
- Strong research orientation of study programmes at universities
 - Student phase with obligatory courses is over when entering the doctoral phase
 - Doctoral candidates as early stage researchers (qualification through own research)
 - Doctorate without master's degree is very unusual
- Universities of applied sciences have no right to confer doctorates
 - Joint supervision with a university professor possible

Core of doctorate:

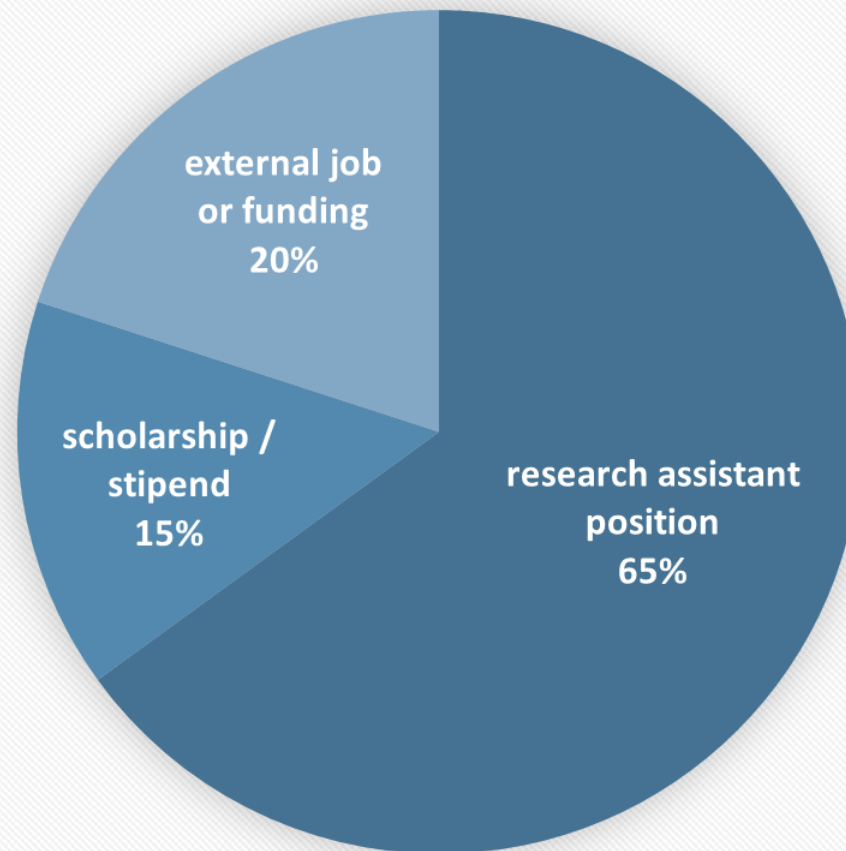
- 3-5 years of research – own research project
- supervised by a professor or Dr. habil.
- Acceptance as a doctoral candidate by the supervisor
- Colloquia (weekly/monthly) and integration into scientific community (optional)

Formal requirements for awarding the doctoral degree:

- Doctoral thesis plus oral exam (defence) plus publication of thesis
- Supervisor is reviewer and member of the examination committee

EXAMPLE ON DIFFERENT NATIONAL STANDARDS: FUNDING OF DOCTORATES IN GERMANY

Funding of doctorates



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WHY MOBILITY AT DOCTORAL LEVEL? THE INDIVIDUAL PERSPECTIVE

For **scientific work** as part of the doctoral project, e.g.

- Research trips
- Experiments

For **qualification** reasons, e.g.

- Learning of method skills
- Learning / improving language skills
- Gaining teaching qualifications

For **academic exchange**

- Conferences, Summer Schools

WHY MOBILITY AT DOCTORAL LEVEL? THE INSTITUTIONAL POLICY PERSPECTIVE

- Strengthening strategic partnerships
- Building on existing academic / scientific collaboration
- Sometimes budgetary incentives
- Branding, reputation, visible internationalisation strategy

WHY MOBILITY AT DOCTORAL LEVEL?

THE NATIONAL/EU/INTERNATIONAL AGENDA SETTING PERSPECTIVE

Funding programmes with agenda setting

- National funding incentives with respect to capacity building, brain gain, international collaboration etc.
 - Fellowships within Sandwich PhD programme (e.g. Brazil)
 - Scholarships for participating in a PhD programme abroad (e.g. CSC grants by the Chinese Scholarship Council)
 - Visiting researchers programmes for the initiation of collaboration (e.g. TWAS-DFG cooperation visits in Germany for postdoctoral researchers from sub-Saharan Africa, DFG Initiation of International Collaboration programme)
- Innovative doctoral training (made by EU) incorporates the triple “i” approach: International, intersectoral, interdisciplinary
 - Example: ITNs within the EU Marie Skłodowska-Curie Actions



Marie Skłodowska-Curie Actions

COIMBRA Group
Brussels, 21 February 2019

Przemysław JANKOWSKI
European Commission, DG EAC.C2

Key features



- **Mobility** of researchers from **all over the world**
- Focus on **training** and **career development** of researchers
- Participation of **non-academic sector** strongly encouraged, especially industry and SMEs
- For researchers at **every stage** of their career
- Coverage for all domains of research (**bottom-up approach**)
- promotion of **attractive working and employment** conditions (financing rate of 100%)



Types of ITN



ITN

Innovative Training Networks

ETN

European
Training
Networks

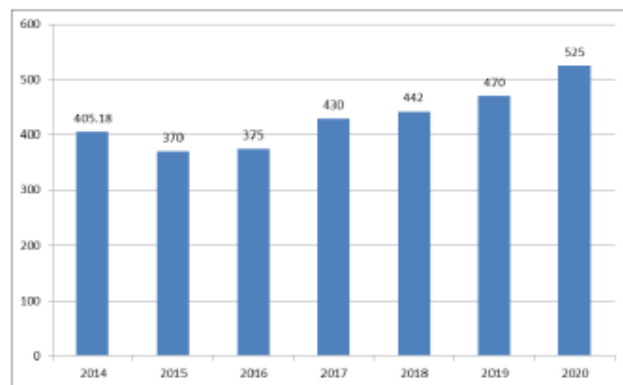
EID

European
Industrial
Doctorates

EJD

European
Joint
Doctorates

- **Budget:** € 442 Million in **2018** (EID: 32 Mio, EJD: 35 Mio)
€ 470 Million in **2019** (EID: 35 Mio, EJD: 35 Mio)
€ 525 Million in **2020**
- Duration of projects: maximum **4 years**
- Support to **early-stage researchers only**
- Fellowships of **3-36 months**
- Maximum **540** researcher-months per consortium (180 for EID with 2 partners)
- **Consortium agreement**
- Separate **multidisciplinary panels** for EID and EJD



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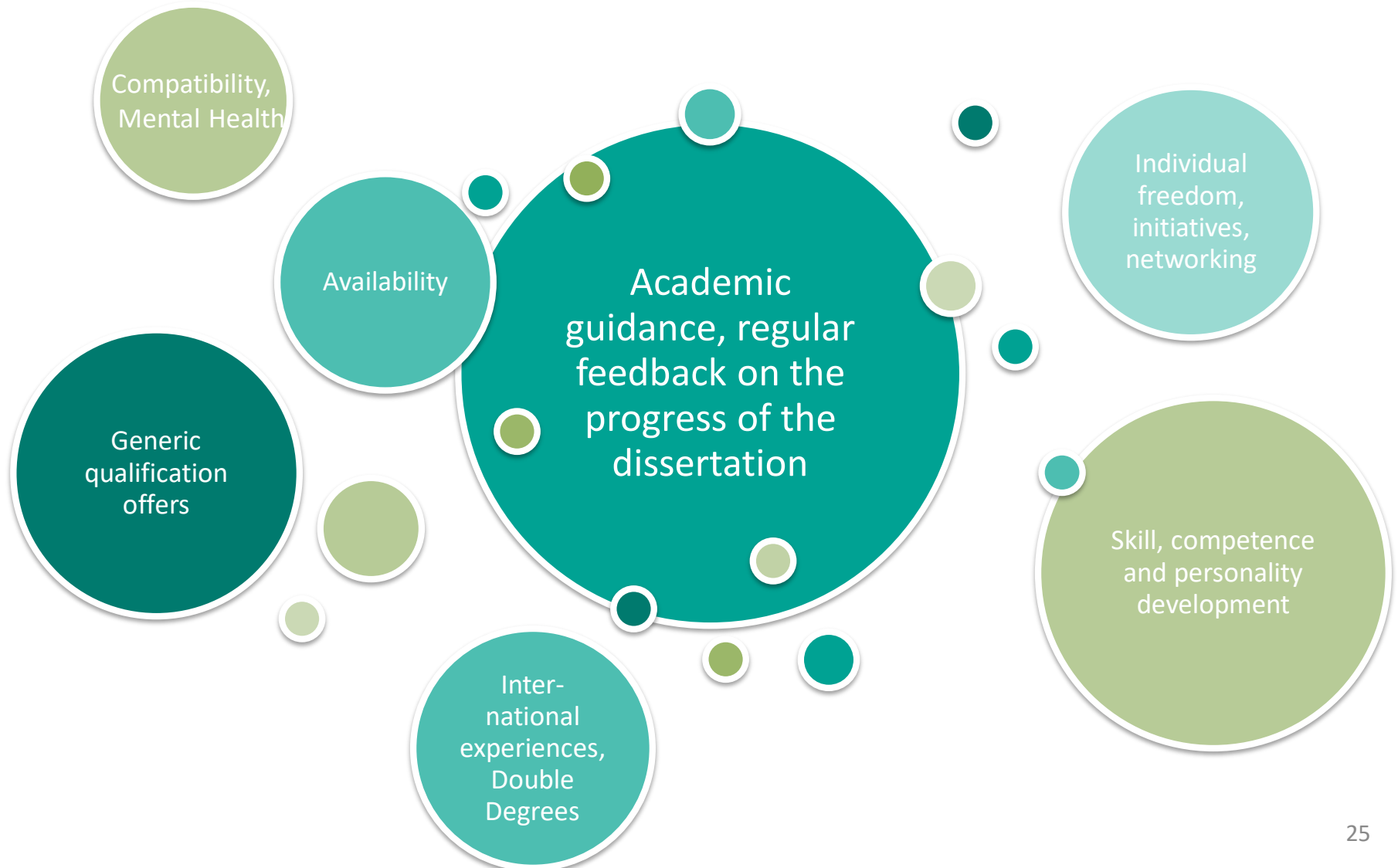
International Mobility

National system differences influence expectations with respect to supervision

Language & intercultural communication

Extra-professional care needs

INDIVIDUAL CHALLENGES: GOOD DOCTORAL SUPERVISION



Structures, workflows, templates

INSTRUMENTS TO ADDRESS CHALLENGES



The present template is a non-binding recommendation to Coimbra Group Universities. Each co-tutelle or joint degree agreement should be based on an individual agreement based on the rules and regulations for doctoral education of two specific universities.

**Agreement
for joint supervision of doctoral studies
leading to the award of a
joint or a dual
doctoral degree**

between

[UNIVERSITY 1]

and

[UNIVERSITY 2]

Article 1 – Purpose

In furtherance of the common aim of stimulating scientific cooperation and promoting the mobility of researchers, this agreement sets out the framework for co-supervision of the doctoral studies of:

Doctoral candidate: [Name of doctoral candidate])
(hereafter referred to as “the doctoral candidate”)

at the University¹ of [University 1]

and the University of [University 2]

leading to the award of the degree of [Specify title of expected award]

The title of the doctoral candidate's research project is: [Specify title of the research project]

¹ The term 'university' denotes any university or institution which has the power to award doctoral degrees according to current national legislation.

- Article 1: Purpose
- Article 2: Application of national legislation and university regulations
- Article 3: Commencement and duration of doctoral studies
- Article 4: Distribution of work time
- Article 5: Registration and registration fees
- Article 6: Social security and insurance cover
- Article 7: Co-supervisors of doctoral studies
- Article 8: Exchange of information
- Article 9: Requirement for satisfactory progress
- Article 10: Presentation of the doctoral dissertation
- Article 11: Language
- Article 12: Assessment of the doctoral dissertation
- Article 13: Award of the doctoral degree
- Article 14: Entry into effect and termination

- Article 1: Purpose

Comments:

Regarding specific national regulations, it could be necessary to specify the term 'joint degree' and the university which awards the degree and/or issues the diploma. One of the two universities can also be the "lead" university responsible for administrative processes, also with regard to the question of registration and tuition fees.

- Article 2: Application of national legislation and university regulations

Comment:

In case of a joint doctoral degree programme, the assessment and admission criteria should be clarified in a more detailed way. Questions regarding Intellectual Property Rights (IPR) should be clarified if needed.

- Preparation of a work plan and time schedule by the doctoral candidate
- Supervision agreement with the University of Jena
- Admission as doctoral candidate at the respective Faculty
- First draft of the *Agreement for Joint Supervision* in cooperation with the Dean's Office of the Faculty
- Checking of the draft agreement (and, if necessary, drafting of the certificate) by the Dean's Office of the Faculty
- Compilation of appendices
- Coordination with the Legal Office
- If necessary, coordination with the Dean's Office
- 1. corrections of the partner university
- 1. corrections of the University of Jena (with consultation of the Dean's Office and the Legal Office)
- 2. corrections of the partner university
- 2. corrections of the University of Jena (if necessary, with consultation of the Dean's Office and the Legal Office)
- Authorisation of the agreement by the Legal Office
- Signing of the agreement by the partner university
- Signing of the agreement by the University of Jena

EXAMPLE: CO-TUTELLE TEMPLATE

JOINT DEGREE

FRIEDRICH-
SCHILLER-
UNIVERSITÄT
JENA



seit 1558

Die Friedrich-Schiller-Universität Jena
durch die _____ Fakultät
und die _____ Universität
durch die _____ Fakultät/ das Graduierten
Kolleg

Name
of the Partner
University

Emblem
of the Partner
University

Friedrich Schiller University, Jena
School of _____
and the _____ University of _____
School of _____ / the Graduate College _____

verleihen gemeinsam

together award

Frau/ Herrn

Ms. / Mr.

Vorname Nachname
(first name last name)

geboren am DATUM in ORT

date of birth _____ in _____ (location)

den akademischen Grad eines

the academic degree of

“ Doctor _____ “

“ Doctor _____ “

- Dr. _____ -

- Dr. _____ -

im Rahmen eines gemeinsamen Promotions-
verfahren („Cotutelle“), nachdem sie in einem
ordnungsgemäßen Promotionsverfahren mit der
von (Name Betreuer 1) und (Name Betreuer 2)
betreuten Dissertation:

within the framework of a bi-national doctoral
programme („Cotutelle“), following her / his
completion of a graduate course of study and
writing of a dissertation approved by her / his
committee members (name of 1st committee
member) and (name of 2nd committee member):

Titel / title

(Prädikat: _____)

(Grade: _____)

sowie in einer mündlichen Prüfung ihre/ seine
wissenschaftliche Befähigung erwiesen und dabei
das folgende Gesamtprädikat erhalten hat:

as well as passing an oral examination and thus
verifying her / his academic skills. The overall
grade for these achievements is:

“ _____ cum laude “

Jena, den ...

Location, Date

Der Rektor

Rector

Der Dekan

Dean

(Frau/ Herr/ Name Nachname hat das Recht, den Doktorgrad entweder in der deutschen oder in der _____ Form zu führen.
Ms. / Mr. first name last name may use this degree in its German form or as _____)

- From case-by-case agreements to joint PhD programmes for a higher number of doctoral candidates (and possibly several cohorts)
- Key features:
 - Cooperation agreement
 - Admission and supervision concept (see template)
 - Funding
 - Success factor: scientific coordination at each university for facilitating transnational communication and for managing the programme

Recommendations of other university networks

LESSONS LEARNT?

Student Outcomes from international research experiences

Personal development

Adaptability and resilience

Global preparedness

Critical thinking

Network and collaboration

Intercultural competencies

Understanding of cultural variations to research

Trust-building/empathy with local entities

Benefits to the research advisor from student international experiences

Increased productivity

Improved research networks

Input to promotion and tenure

Funding, e.g. add-ons to existing grants

Community building and collaboration across institutions

Encourages broader conversations with student

RECOMMENDATIONS OF THE UniWiND BOARD ON PROCEDURES FOR DOCTORAL QUALIFICATION WITH PARTNER INSTITUTIONS (FEB. 2019)

International cooperation of several institutions entitled to award the doctorate need special measures for quality assurance:

1. **Outgoing:** provisions for **intercultural preparation** of the visit abroad have proven very beneficial.
2. **Incoming: The integration of doctoral candidates** from other teaching and learning cultures must, in addition to the preparatory phase of the doctoral program, also ensure that the **research can be initiated promptly** on arrival. Publication of the results, (joint) use of the results and intellectual property rights.
3. An **international** standard of the exchanges). **Best practice exchange:** Fixed scholarship amounts may lose value due to inflation. This should be taken into account in the calculation of funds for the entire duration of the PhD phase.
4. Uniform **contract** the provision of **their doctorate with sufficient income.** Doctoral candidates should be guaranteed that they can finish their doctorate with sufficient income.
5. **Other helpful tools:** Guidelines and procedural principles, coordinator of Cotutelle procedures, welcome service/offices (tutors, offices, structures), joint admissions board, joint supervision agreement, joint doctoral committee, best practice networks.

A „one size fits all“ approach will not work - neither within Europe nor beyond.

But:

- Provision of model contracts can simplify procedures.
- Individual agreements should be negotiated in Year 1 of the PhD.
- Admission to international collaborative programmes is possible as soon as the agreements are in place.
- Key success factor: Communication!

???

What is the value added of a joint diploma? Rather leave the degree out of academic collaborations

A double degree with two diplomas is easier to realise than one single document.

A „model agreement“ does not make sense. Only case-by-case agreements are possible.

A cooperative doctorate resulting in a binational degree may allow for easier entry into international career paths.

But: A „model agreement“ helps not to forget to discuss all aspects of possible conflict.



THANK YOU



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