EUA Council for Doctoral Education

- EUA – European University Association
  - 850 universities and rectors’ conferences in 47 countries
  - Developing evidence-based policies
  - Advocating these policies
  - Promoting development of universities as institutions

- Council for Doctoral Education (CDE)
  - A membership service focused on doctoral education
  - Development of doctoral schools
  - Doctorate-specific policy development
  - Consultancy services
  - 234 members in 35 countries (from Faro to Tomsk)
Topics

- Overview of the last decade
- Where are we now?
- Challenges for doctoral education for the next decade
- Taking Salzburg forward
Salzburg Principles, 2005
Salzburg II, Recommendations, 2010
Salzburg III, 2016

Why Taking Salzburg Forward?
Past policies - Salzburg

• Salzburg Principles
  – Establishing a framework for doctoral education in the Bologna Process
  – Doctoral Education based on research, but embedded in institutional strategies

• Salzburg Recommendations
  – Underlined research
  – Focused largely on how to embed
  – Good practices for establishing structures

• 5 years later, structures have largely been established
Europe’s universities have come a long way in creating institutional support for doctoral education, but there are still many challenges within institutions to achieving the full potential of the Salzburg Principles and Recommendations.
Why do we need a new doctoral education document?

- We have seen a big wave of reforms in the last decade
- The concept of structured doctoral education and doctoral schools have been widely introduced
- The growth in the number of doctoral candidates is levelling off
- Have we entered a ‘new normal’?
Context

✓ Institutional structures
✓ Building research capacity
✓ Nurturing talent
✓ Creating space for dialogue
Convergence - Growth

• We have seen remarkable growth over the last decade
The rise of the doctoral school

Universities with doctoral schools

- 2006 (TRENDS V)
- 2009 (TRENDS 2010)
- 2011 (ARDE)
- 2013 (ERA Survey)
Doctoral Schools

Source: ERA Survey 2013

EUA European Research Area Survey 2013
Procedures (internal QA) universally implemented

Source: ERA Survey 2013
Implementation of structural reform

✓ Almost all universities have institutional structures for doctoral education, but ...
✓ Are they fit for purpose in terms of size and remit? Are their activities “broad, systematic, and inclusive”? (as opposed to limited, *ad hoc*, and exclusive)
✓ Do structures facilitate an open discussion about good doctoral education?
✓ If not, they might not be able to meet the challenges
Research will be very different for new generations. Doctoral candidates will work very differently from the supervisors, and there will be different challenges.
New challenges

✓ Ethics and Research Integrity
✓ Digital Challenge
✓ Globalisation
✓ Engaging With Other Stakeholders
Challenge I: Ethics and Integrity

- Research happens in an increasingly competitive context – less resources, more strings attaches
- Pressure to perform – can weaken integrity
- New techniques, big data, privacy, cultural differences all have ethical components
- Doctoral candidates need a sound research culture from the start; they need training, and more...
- Explicit rules, sound daily practice
Challenge II: Digitalisation

- Open research, open education (MOOCs), social media, big data etc
- Doctoral candidates are already there
- Universities need to provide adequate framework and coherent policies for "technical, legal, and ethical aspects", and supervisors must be aware
- There is a huge potential benefit, but a framework is needed
Challenge III: Globalisation

✓ Research is rapidly becoming global – and doctoral education is in the centre of this globalisation
✓ Globalisation goes much wider than mobility – it is a structural issue for the institution as a whole
✓ Universities should actively cultivate the benefits of internationalisation
✓ Take responsibility as an entry point for foreign talent for society as a whole
Challenge IV: Engaging With Other Stakeholders

✓ Doctoral education connecting universities and society
✓ Mobility across sectors
✓ Sharing knowledge between universities and non-academic sector
✓ Individual professional development
Summary

✓ The reforms of doctoral education have been impressive – but it might be too soon to rest on the laurels

✓ The spirit of Salzburg can help universities meet these challenges – it needs to be taken forward
New demands on universities and researchers signify significant challenges ahead, doctoral education central.
New recommendations: Taking Salzburg Forward

- EUA-CDE has made a new set of recommendations concerning doctoral education
- Taking stock of the implementation of the Salzburg Principles and Recommendations
- Looking at new challenges for doctoral education
DOCTORAL EDUCATION – TAKING SALZBURG FORWARD
IMPLEMENTATION AND NEW CHALLENGES

EUA-CDE
European University Association Centre for Doctoral Education
Thank you

Obrigada