

Linking pharmacy education, research and training with employment

Annual EAFP Meeting
Athens, Greece

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Research Center Pharmaceutical Engineering (RCPE)



RCPE at a glance

- GmbH legal entity Research Center in the field of pharmaceutical engineering science (process and product)
- Located in Graz, Austria
- 100% owned by public research institutions
- Act as co-sponsor in strategic collaborations
- **Defined IPRs** with highest level of benefit for industrial partners
- **National and international partners**

Structure of the RCPE



Ownership structure

University of Graz: 20%

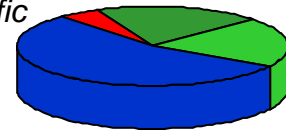


Joanneum Research: 15%

Graz University of Technology: 65%

Project K1 funding model

5% scientific



min 30% cash

max. 20% in-kind

45% fundings

Only 30% cash contribution required!

RCPE partners

Industrial partners:



Scientific partners:



Supporting partners:

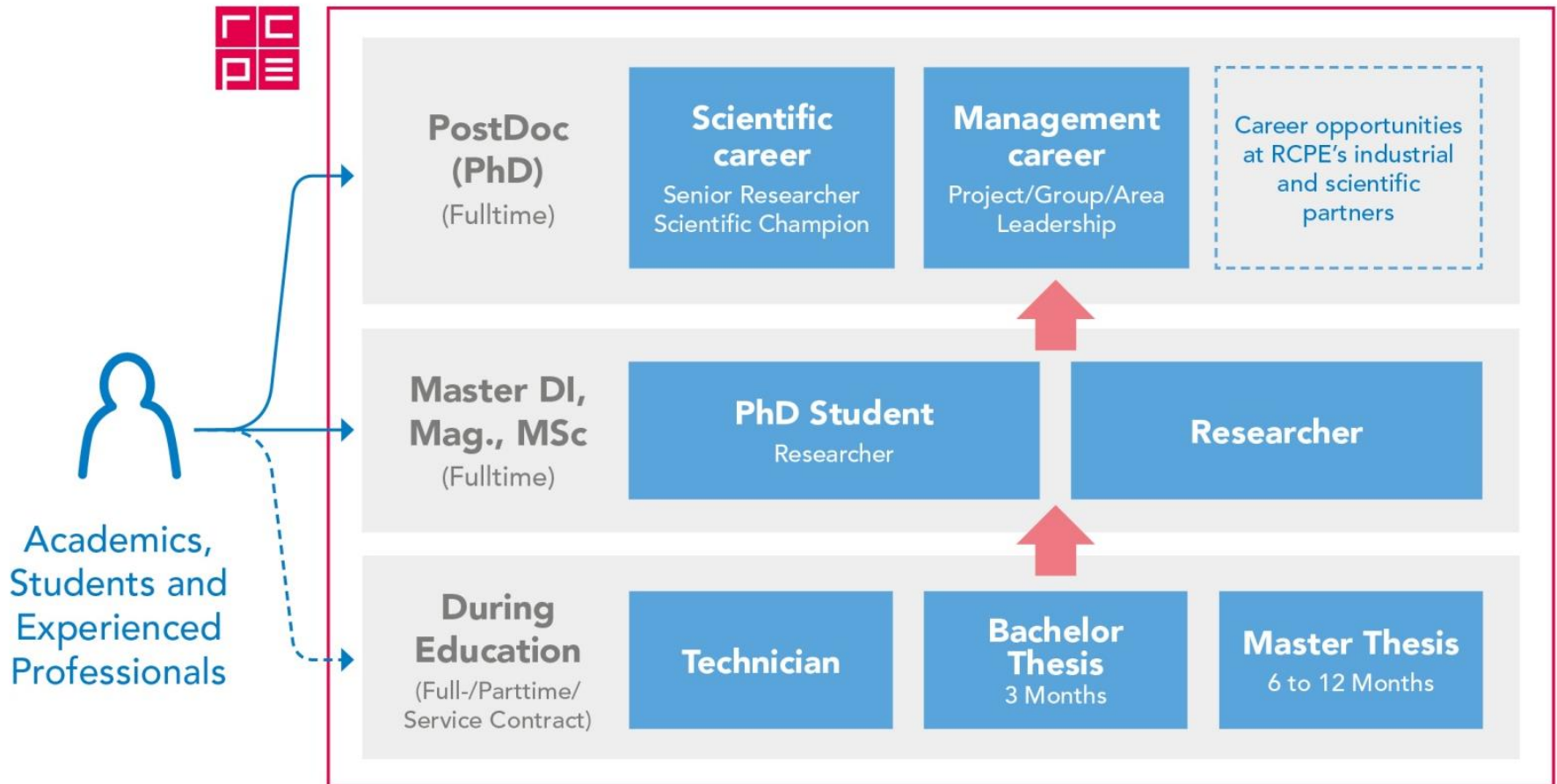


- ***Recruitment***
 - national and international staff (22 nationalities)
 - highly qualified personnel
 - emphasis on senior (experienced) scientists with industrial int. experience

- ***Qualification program***
 - In-house Knowledge Transfer
 - Fellowships and grants for young scientists (e.g., exchange program with Rutgers University)
 - Master's Course in Pharmaceutical and Chemical Engineering

- ***Gender Mainstreaming***
 - attracting and retaining female scientists
 - make the workplace attractive for all researchers

What RCPE offers to students



FURTHER EDUCATION AT RCPE

All Employees

Project, Group and Area
Leaders

Group Leaders and
Area Managers

Basic Management

Basics Project Management
Scientific Paper Writing
Language Course (English)
Computer Skills
Self-/Time Management
Teamwork
Presentation Skills



1-2 training sessions/year

Group Leadership

Advanced Project
Management
Leadership: Basics and
Methods
Communication
Conflict Management
Appraisal Interview



all trainings should be
covered within 2 years

Advanced Management

Leadership: Advanced
Moderation
MBA Courses

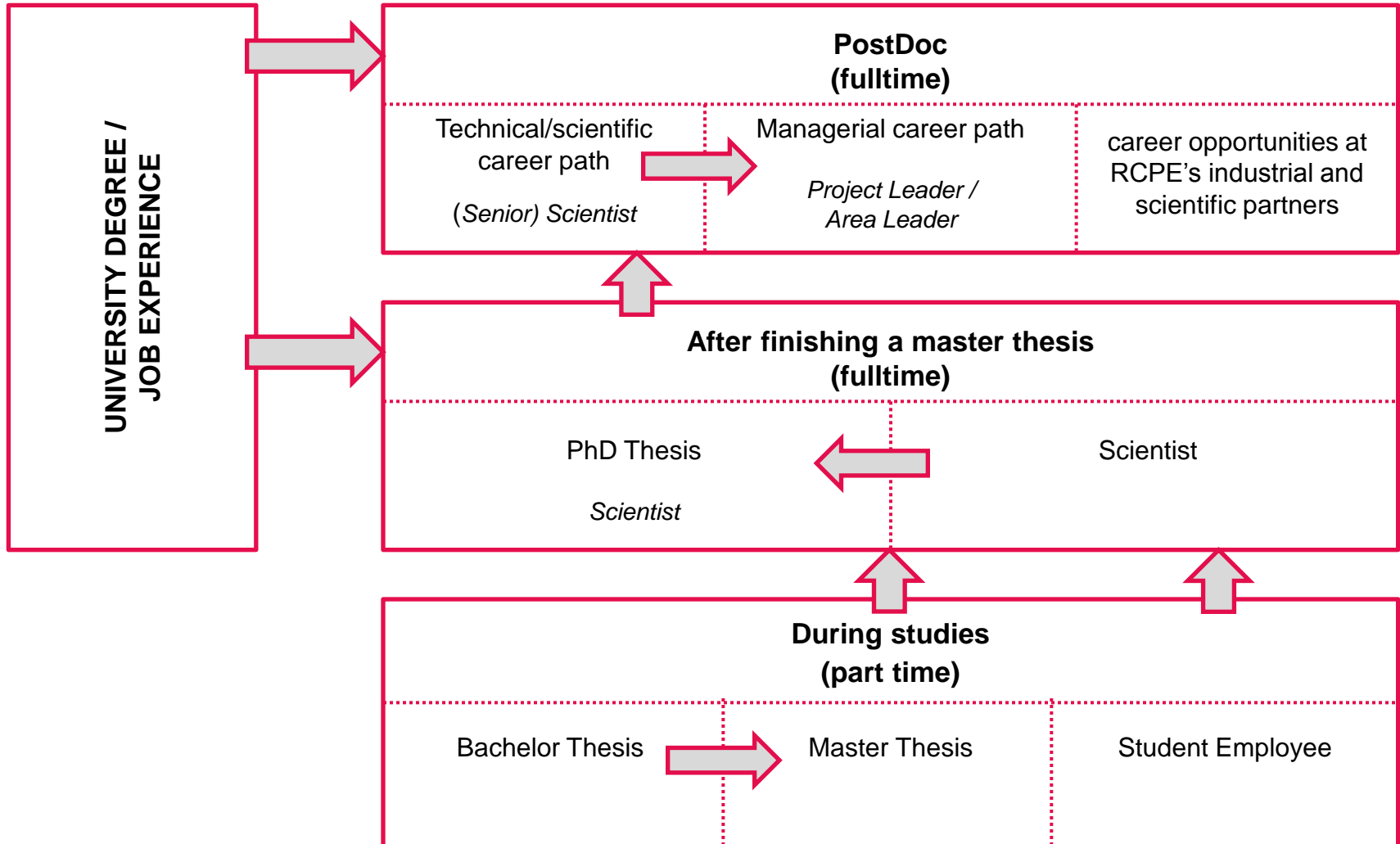


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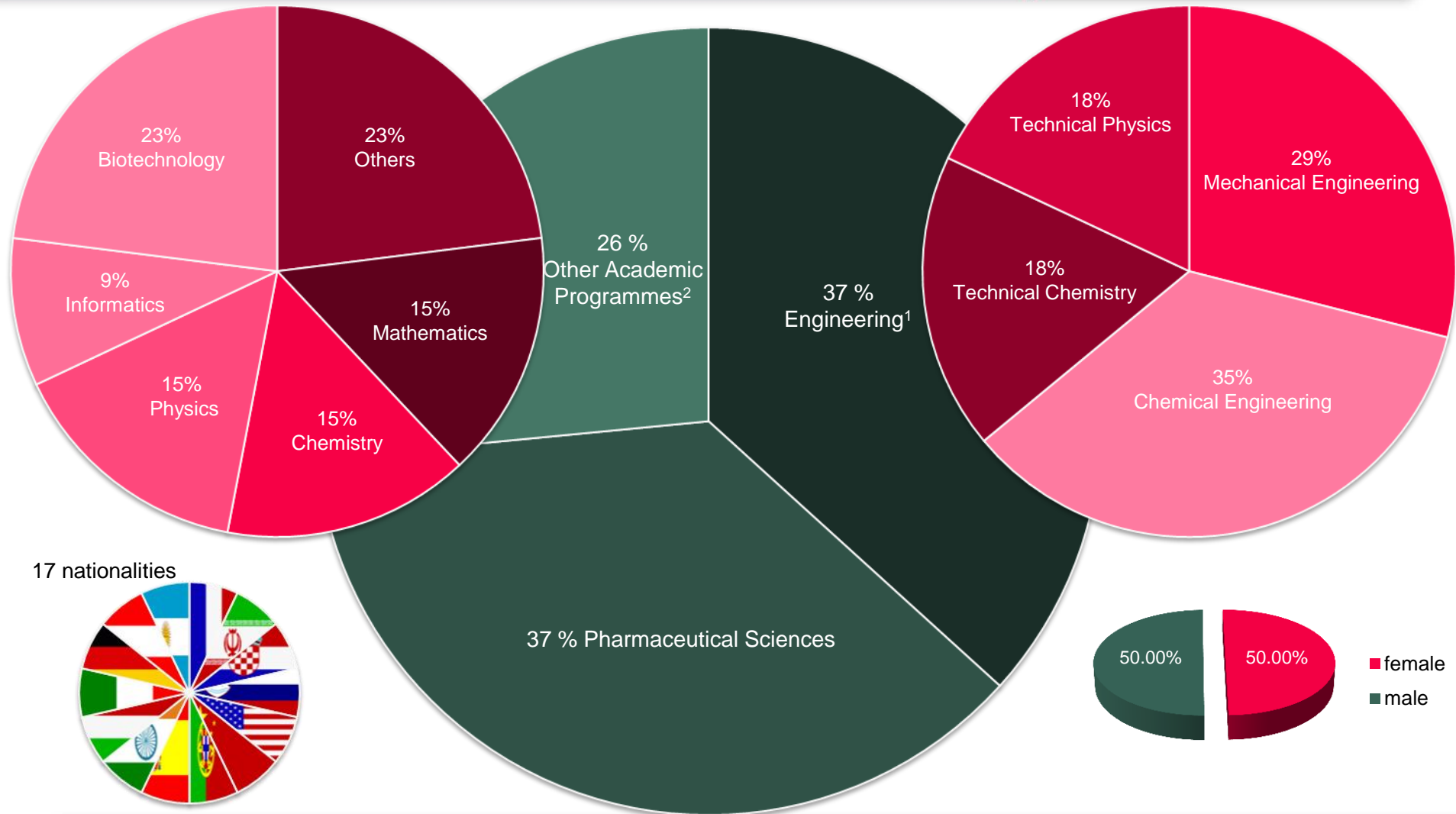


Pharmaceutical Engineering I and II for all scientific staff members

HR Development strategy @RCPE



ACTUAL – RCPE'S STAFF QUALIFICATION



¹ chemical engineering, electrical engineering, mechanical engineering, process engineering, software engineering, technical chemistry, technical physics, ...

² biotechnology, chemistry, informatics, mathematics, microbiology, physics

One of the drivers...

“Pharmaceutical R&D is facing an unprecedented phase of changes. In many fields, industry relies on the support from academia and R&D centres, providing the skills to succeed. RCPE’s scientific competence, its business model and the ability to deliver high-quality solutions perfectly fit this new paradigm!”

Looking forward to meet and talk with you...

Back up

Development of Human Resources has not kept pace with expanding private and public investments in R&D

Shortages at various levels

- **Thematic** – Declining interest in engineering
- **Gender** - underrepresentation of women in science and technology
- **Underdeveloped mobility of researchers** – between academia and industry

PHARMACEUTICAL ENGINEERING

