



Brief overview of the Graduate School at Delft University of Technology

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Bologna Process:

3rd Cycle Higher (Doctoral) Edu.

*'Conscious of the need to promote
closer links between the EHEA and the ERA
in a Europe of Knowledge, and of the
importance of research as an integral part of higher education
across Europe, Ministers consider it necessary to go beyond
the present focus on two main cycles of
higher education and to include the
doctoral level as the third cycle
in the Bologna Process'.*

TU Delft Graduate School

inspiring research, excellent education, exciting personal growth

Mission:

prepare and train doctoral candidates to become highly qualified, autonomous and leading researchers and skilled professionals.

Goals

- *Stimulate inspiring study / research environment*
- *Shorten duration / Improve yield*
- *Attract talent / International reputation*

TU Delft Graduate School

inspiring research, excellent education, exciting personal growth

Not a 'school' !

TU Delft Graduate School

inspiring research, excellent education, exciting personal growth

Centred around Research & Design

Supervisor (team of experts) crucial

Doctoral Education supports growth

TU Delft Graduate School

inspiring research, excellent education, exciting personal growth

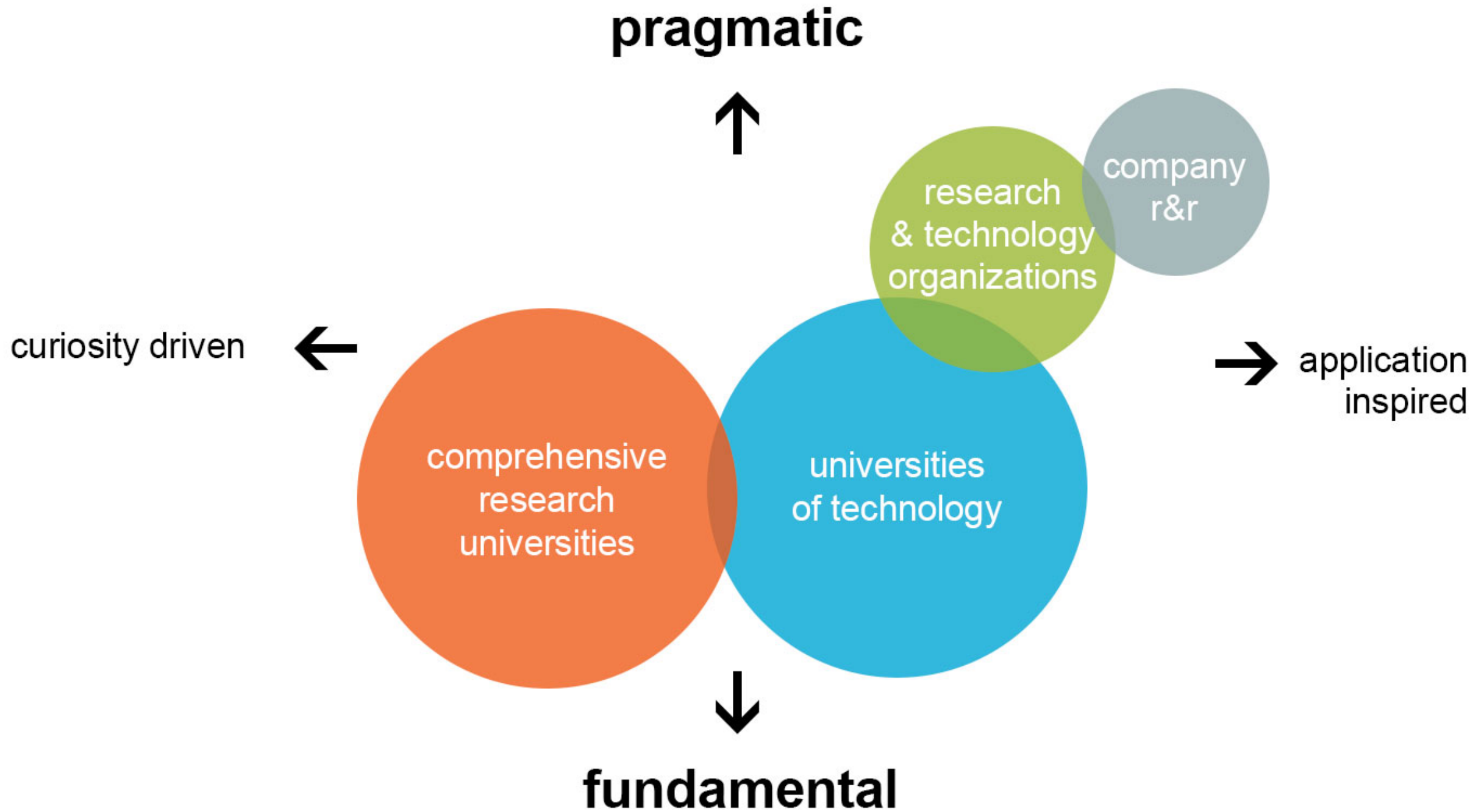
Goals

- *Stimulate inspiring study / research environment*
- *Shorten duration / Improve yield*
- *Attract talent / International reputation*

Means

- Structure / organisation
- Doctoral Education
- Monitoring
- Sharing insights / workshops
-

Research profile



University Landscape The Netherlands

- 13 Research Universities
- 240.000 students
- 12 Universities in Top 200
- World leading in Science and Health

Top 200 universities density

- UK
- Netherlands
- Switzerland / France



University Landscape

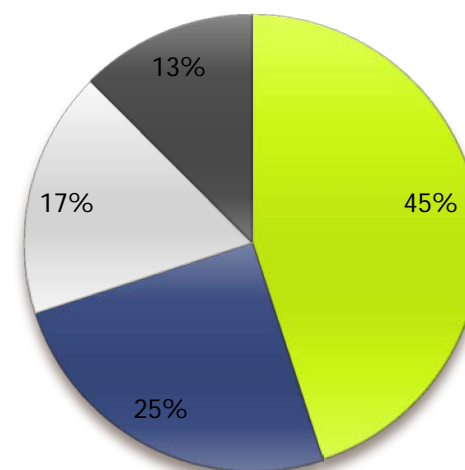


Silicon Valley area covers the "Randstad" (Amsterdam, Rotterdam, Den Haag, Utrecht)

- 55% BNP
- 6 Top 200 universities
- Port of Rotterdam

Universities of Technology

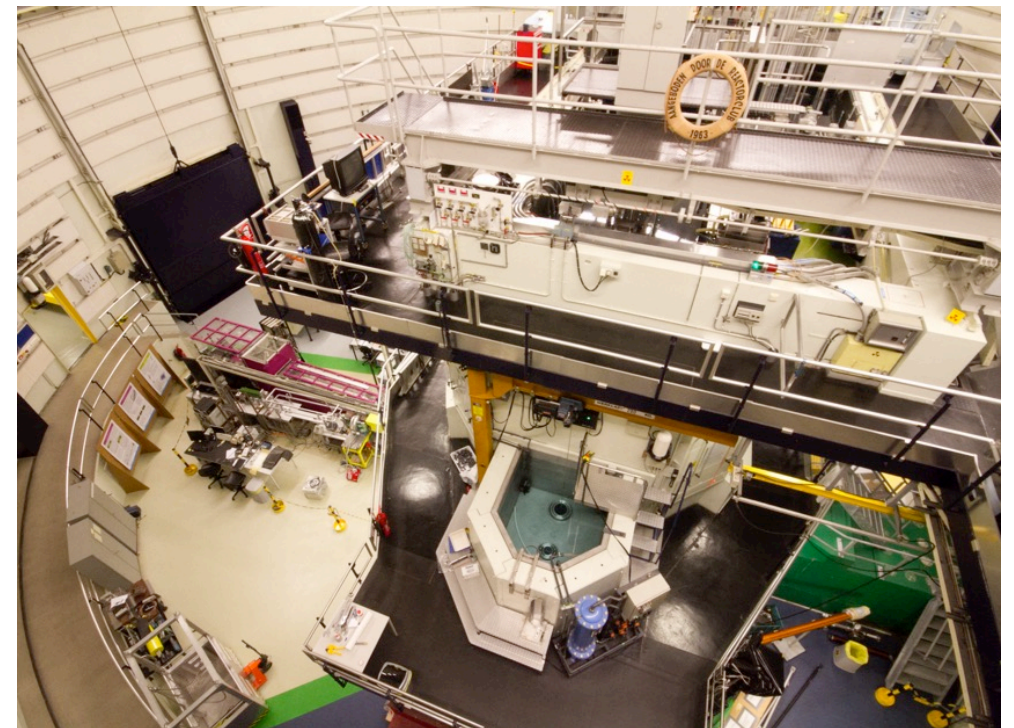
- Delft
- Eindhoven
- Twente
- Wageningen (agriculture, food tech)



- Delft
- Eindhoven
- Twente
- Wageningen

Research facilities

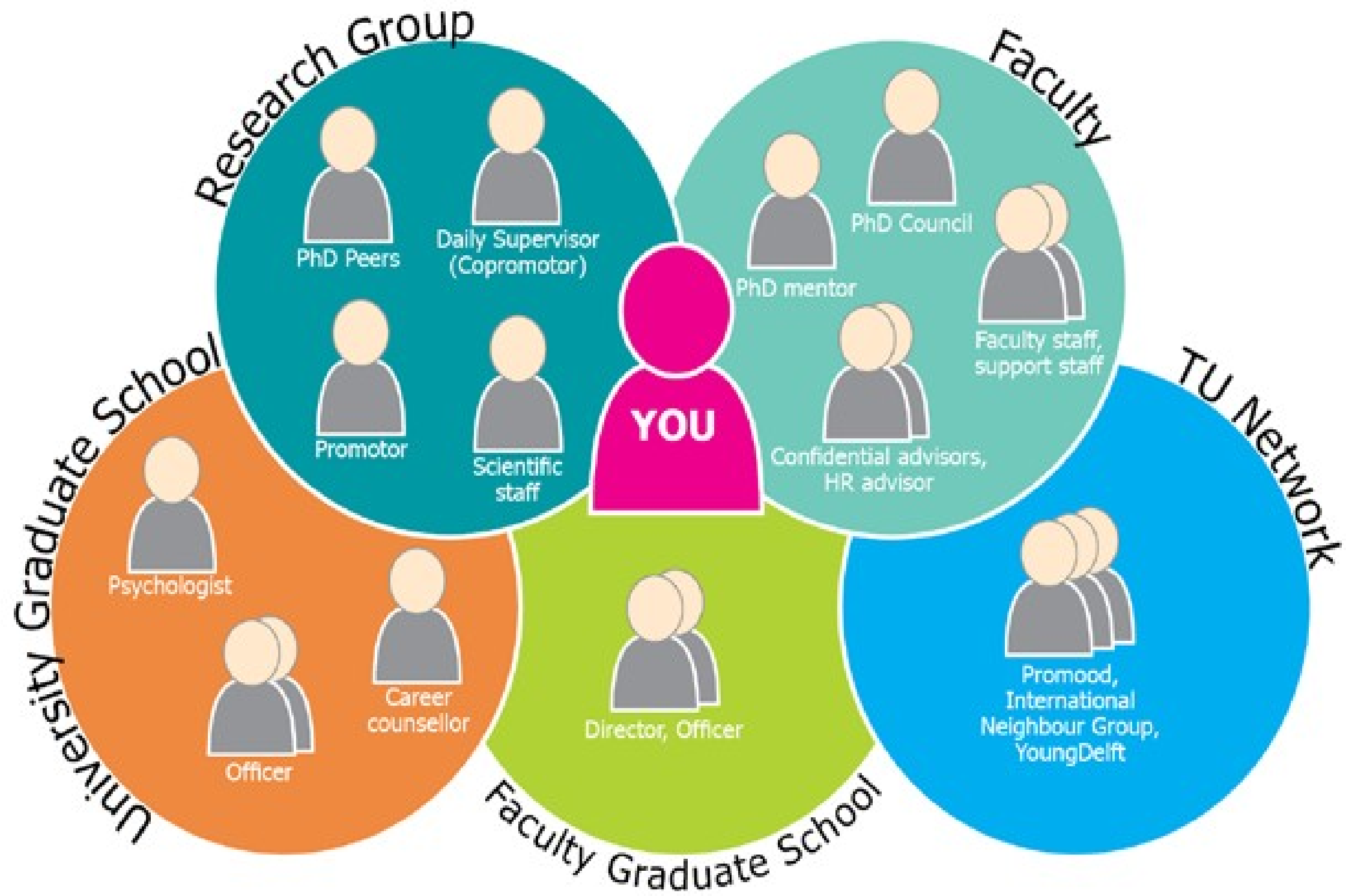
- High-voltage engineering laboratory
- Cleanroom (DIMES)
- Wind tunnels
- Water basins for coastal and marine research
- Experimental Nuclear Reactor
- Aerospace facilities (e.g. jetplane, flight simulator)
- Radar and telecommunication test facilities



A living ca



You are in the center



Supervision

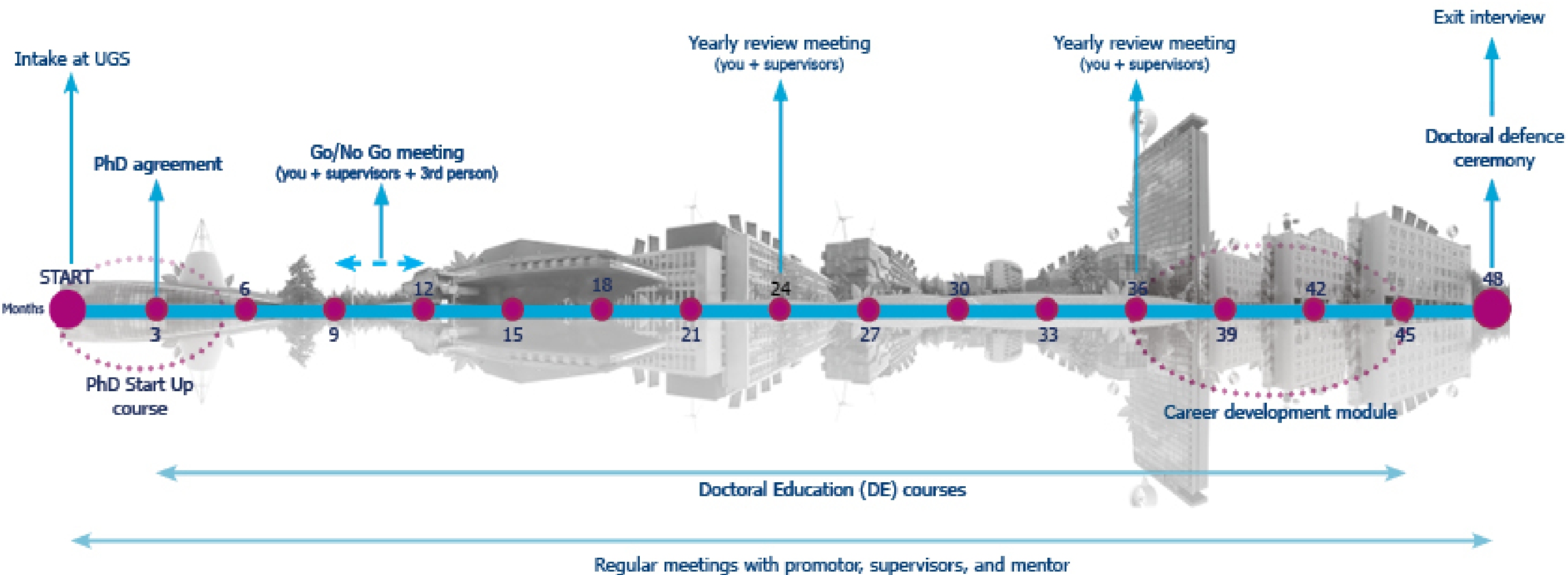


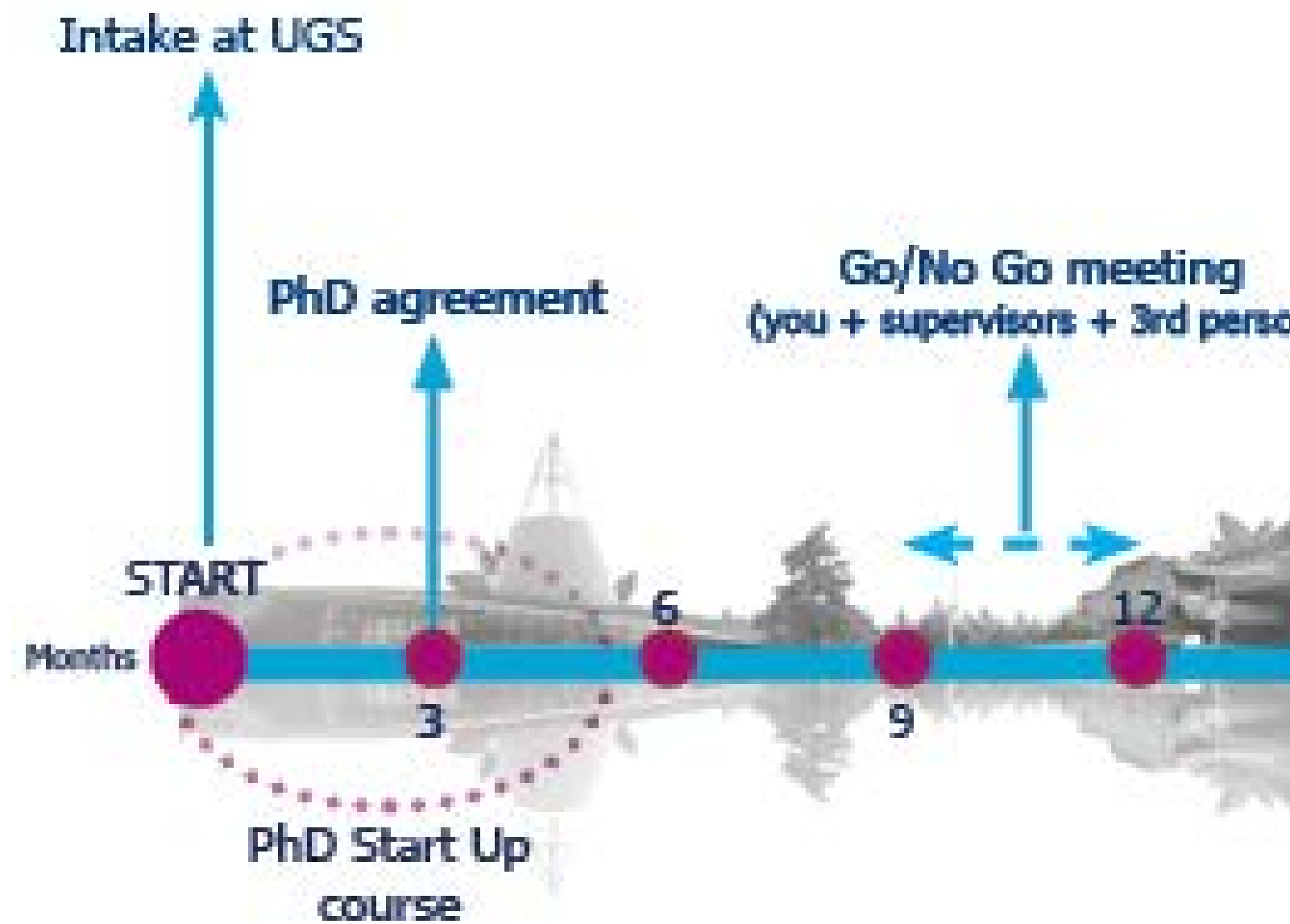
*Good supervision is vital
within PhD research*

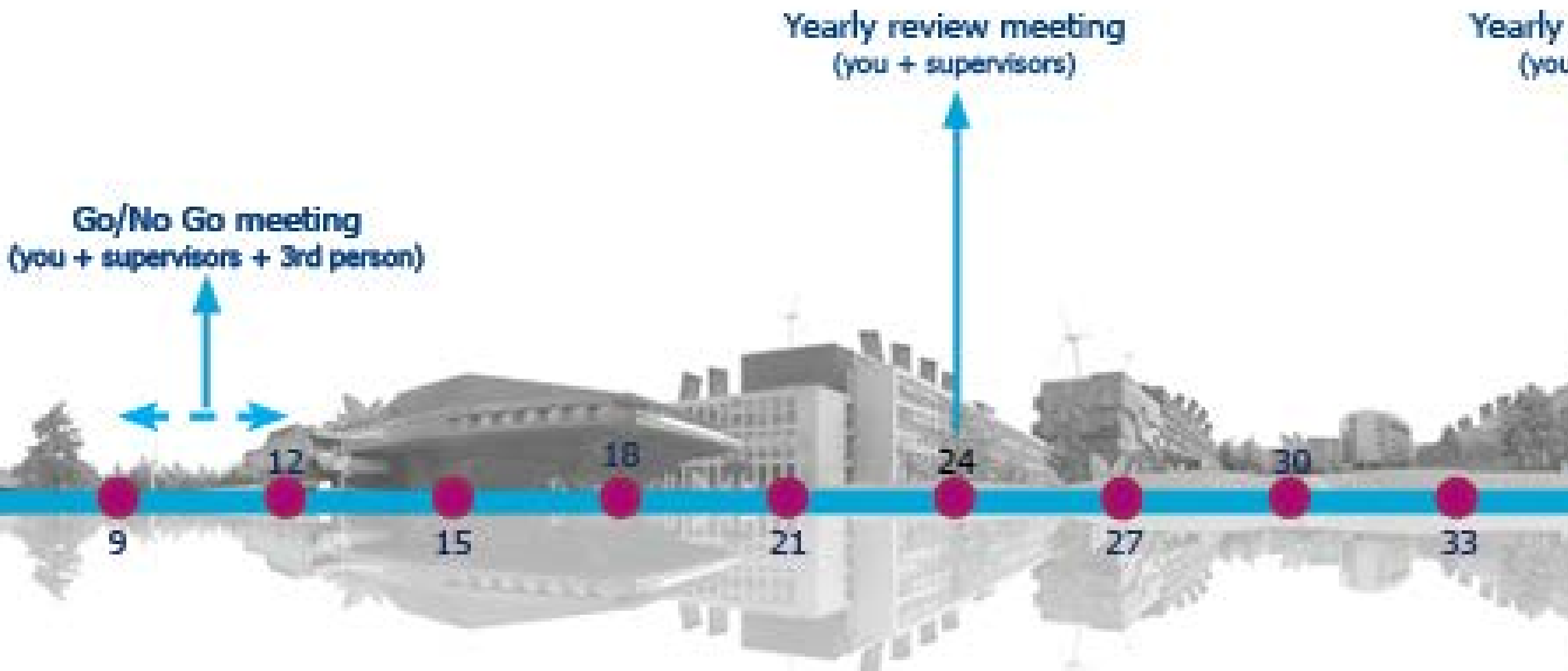
Quality Assurance Doctoral process

- Board for Doctorates: regulations / discusses evaluations
- GS Board: Q-policy / exchange practices / workflow
- Workshops for supervisors (promoters), mentors, ..
- Management info: intake, yield, duration, Go / NoGo's, progress, Surveys on DE and PhD satisfaction
- Communication: Flow charts, workshops, newsletters, ..

Graduate School Timeline

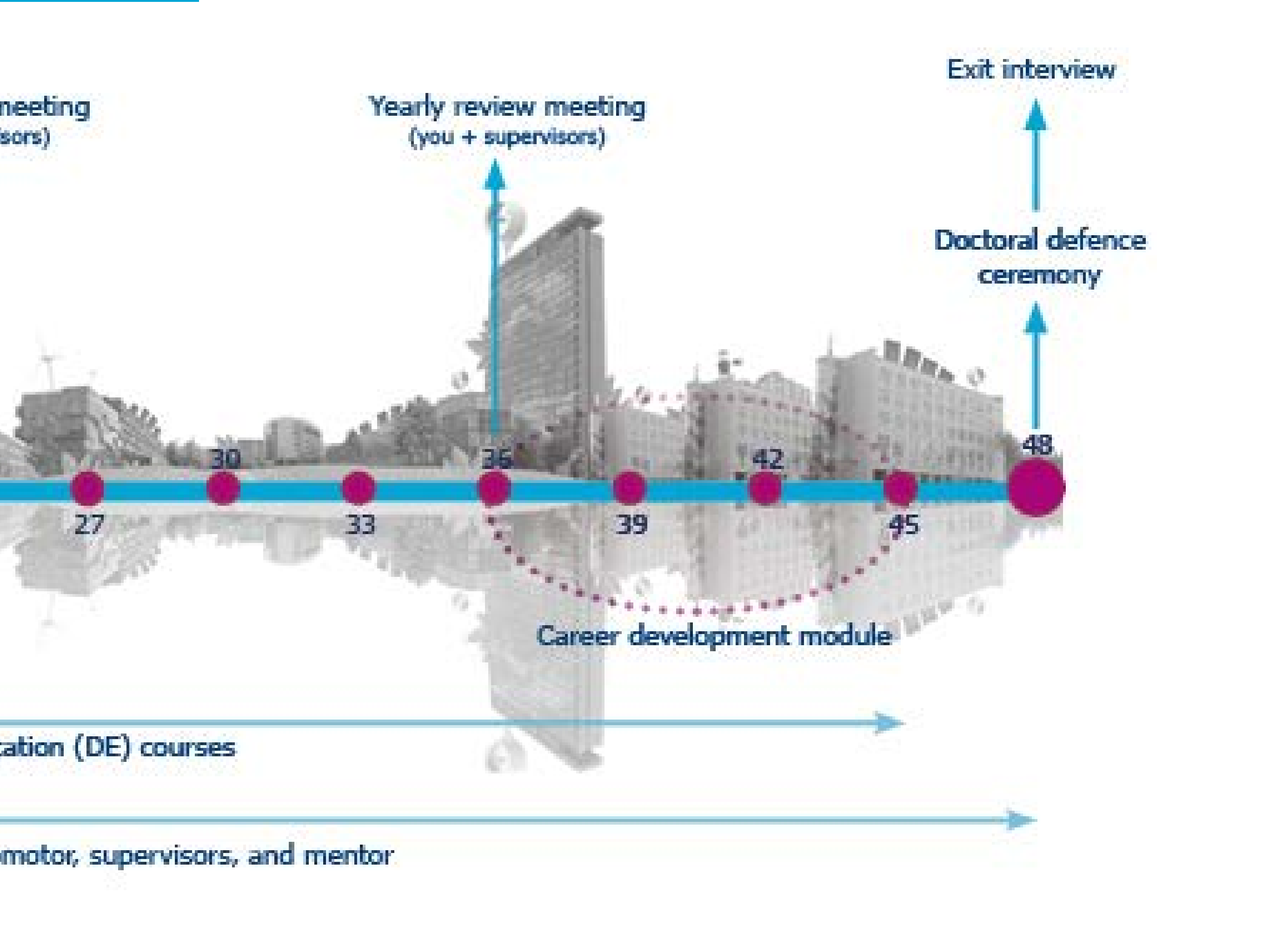






Doctoral Education (DE) courses

Regular meetings with promotor, supervisors, and mentor

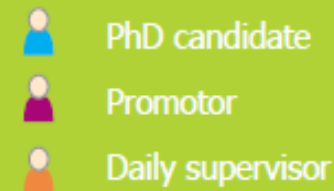


THE GRADUATE SCHOOL: PhD candidate timeline

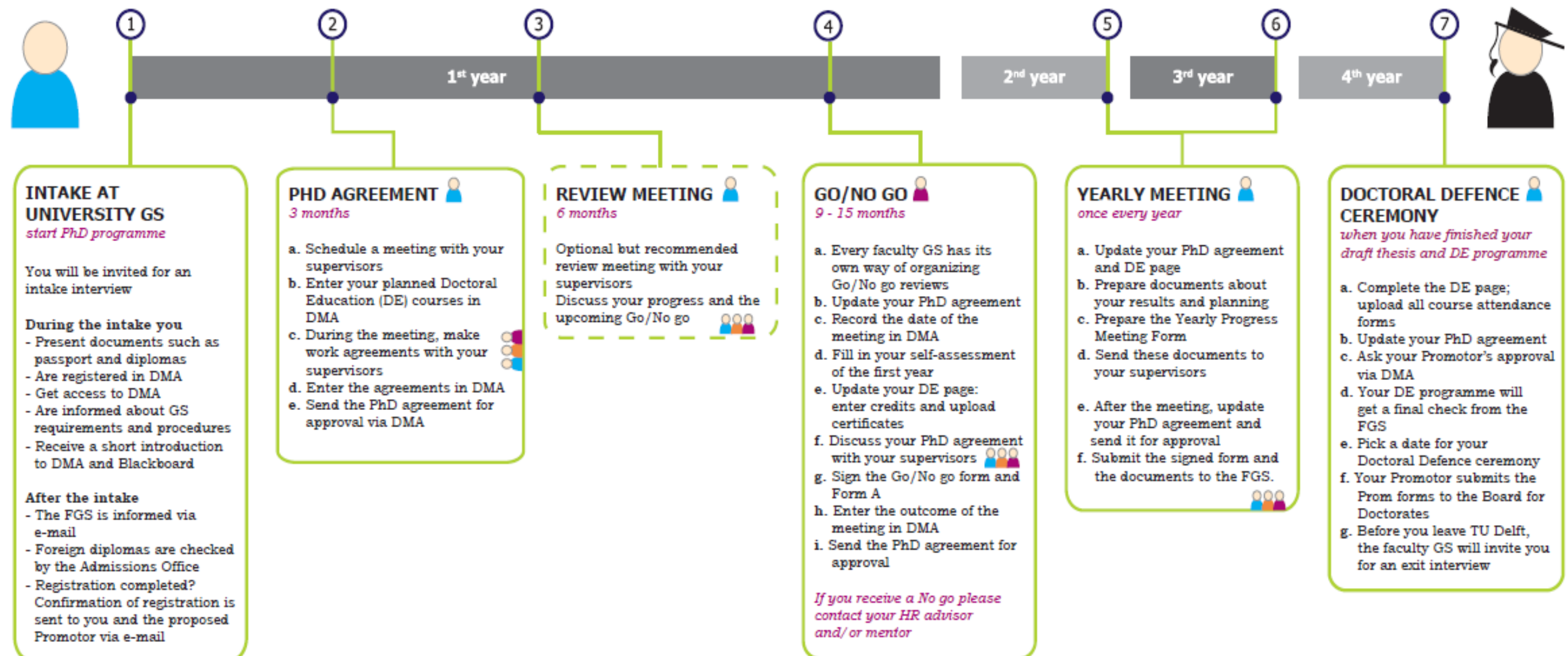
This reference card gives an overview of the formal Graduate School (GS) process; the PhD Development Cycle. You use the Doctoral Monitoring Application (DMA) to register work agreements, progress, DE activities and to upload course attendance forms.

Go to dma.tudelft.nl to log in.

For more information please visit www.graduateschool.tudelft.nl, refer to the DMA manual or e-mail your Faculty Graduate School.



Other actors:
The Mentor
The Faculty GS (FGS)
The University GS (UGS)
The Board for Doctorates (BfD)
The Human Resources department (HR)



THE GRADUATE SCHOOL: Supervisor timeline

This reference card gives an overview of the PhD Development Cycle. PhD candidates use the Doctoral Monitoring Application (DMA) to register their work agreements, progress, DE activities and to upload course attendance forms. Supervisors use DMA to monitor and to approve the PhD agreement.

Go to dma.tudelft.nl to log in.

For more information please visit www.graduateschool.tudelft.nl, refer to the DMA supervisor manual or contact your Faculty Graduate School.



PhD candidate



Promotor



Daily supervisor

Other actors:

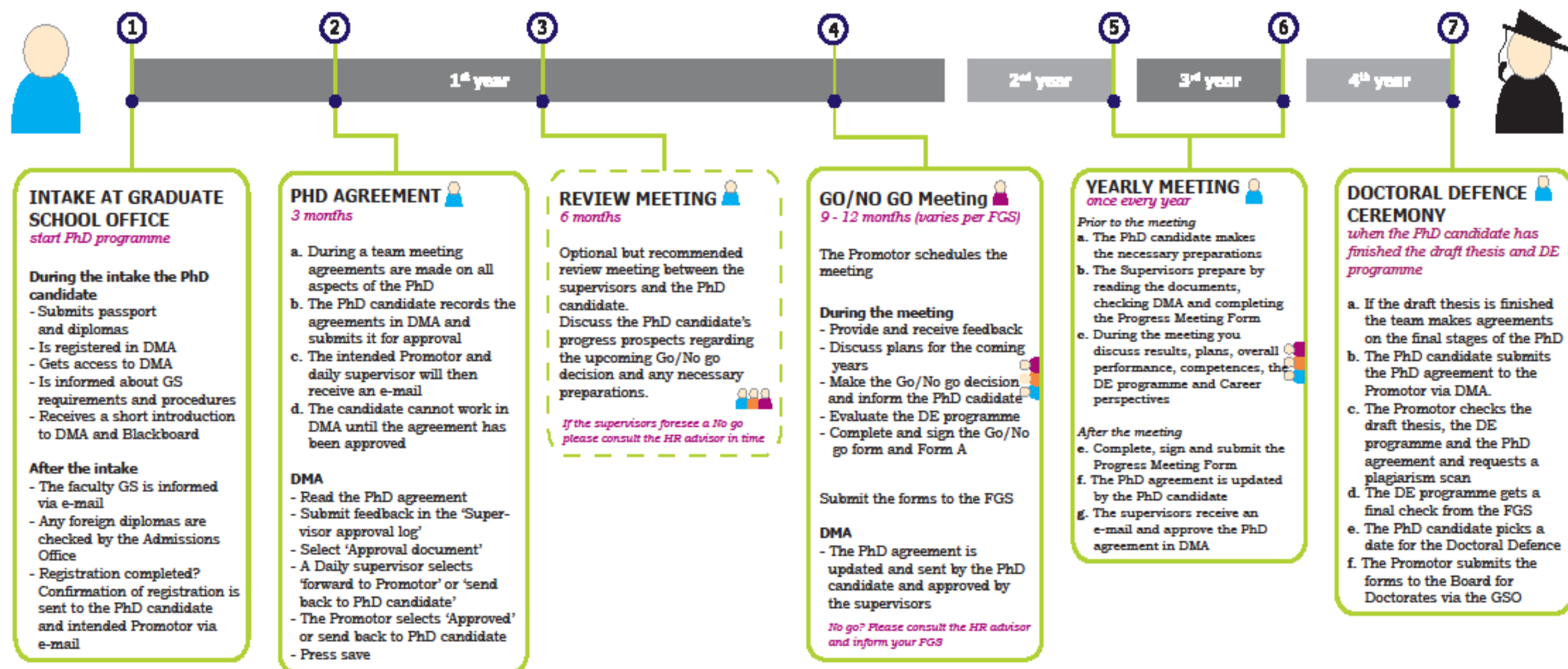
The Mentor

The Faculty GS (FGS)

Graduate School Office (GSO)

The Board for Doctorates (BfD)

The Human Resources department (HR)



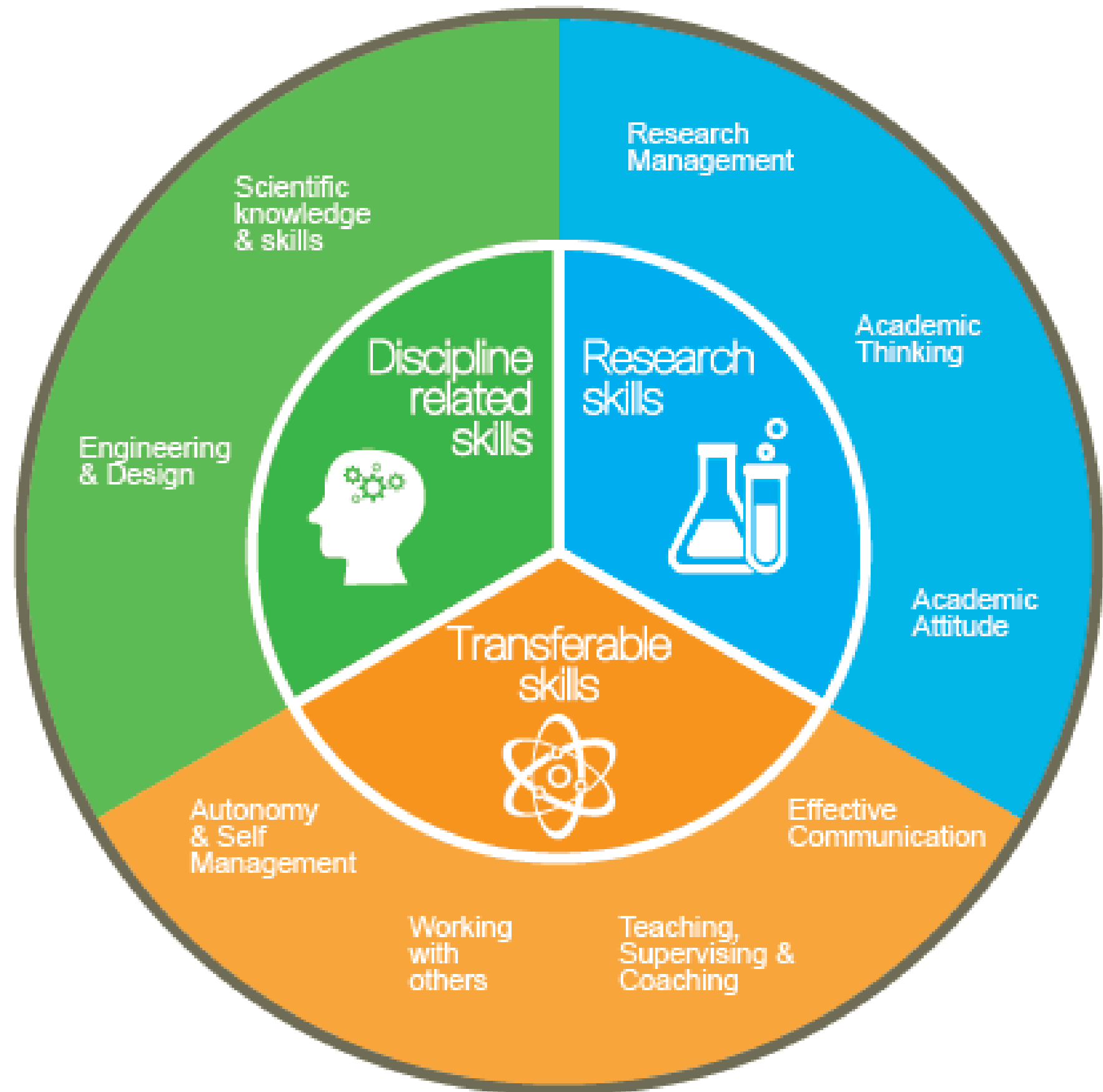
Supervision

- Share (good) practices / Workshops
- PhD Mentor
- Structure / monitoring / PhD Agreement
- Selection / acquisition
- Go / NoGo session
- ...

Graduate School provides

- Organisation
- Monitoring
- Doctoral education (transferable skills)
- ..
- Implemented New Doctoral Regulations 2014
- ..
- Culture !

Competences Doctoral Education



Doctoral Education

DE programme 45 GS credits*

- Generic / Transferable skills: 15 GS credits:
PhD Start Up, Culture & language, Working in teams, Project management, Future career,..
- Discipline related skills: 15 GS credits
Courses at research schools, ..
- Research related skills: 15 GS credits
Courses or Learning on the job, ..

*1 GS Credit = 8 hrs + 4 hrs preparation

European Commission:

Exploration of the Implementation of the Principles for Innovative Doctoral Training in Europe, 2011

"..both quality assurance and attractiveness of the research environment are .. Building blocks to stimulate research excellence"

Discussion Paper: Innovative Doctoral Training at Universities of Science and Technology

Jan Fransoo, dean GS TU/e



Questions?

GS information & contact:

www.graduateschool.tudelft.nl

graduateschool@tudelft.nl

