

**Recommendations for external doctoral projects  
within the *Promotionszentrum* “Nachhaltige intelligente Technologien für eine  
ressourcenoptimierte Produktion” (NITRO)  
of the Deggendorf Institute of Technology, the Technical University of Applied  
Sciences Augsburg and Landshut University of Applied Sciences**

In the case of external doctoral projects (e.g., in cooperation with a company, non-university research institutions, on a part-time basis, or as part of a fellowship), the NITRO Doctoral Center, the doctoral candidates, and any third parties involved share responsibility for the doctoral project. Responsibility for academic supervision lies with the principal supervisor. In the case of a collaboration with a company or a non-university research institution, the representative of that entity who acts as a mentor is responsible for providing substantive guidance for the doctoral project within the company. The details of the supervisory relationship are set forth in the supervision agreement and, in the case of a collaboration with a company or a non-university research institution, are supported by that entity.

### **1. Integration into the academic ecosystem**

The ‘Qualification Plan’ form should be completed in as much detail as possible and submitted. The link to the academic environment should be clearly described in the exposé. It should be clear how much time is available for working on the dissertation project, to what extent in terms of time and at what intervals the doctoral candidates are present at the university of applied sciences, and which laboratories / equipment they have access to. In the event of a collaboration with a company, it should also be made clear what synergies exist between the company’s operations and the research activities.

### **2. Publication and utilization**

- a) Regular publications are required for a cumulative dissertation and are standard practice for a monograph.
- b) As the author of her / his dissertation, the doctoral candidate holds the copyright to it. All data, sources, and methods on which the dissertation is based must be accessible and verifiable.
- c) The dissertation is published in accordance with the requirements of the doctoral regulations and, in the case of a collaboration with a company or a non-university research institution, is supported by that entity.
- d) Confidentiality, due to potential commercial use, may only be maintained for a short, predetermined period of time.

### **3. Financing**

Additional costs may arise in connection with the doctoral project. In the event of a collaboration with a company or a non-university research institution, it must be clarified whether these costs will be covered by them. The financing of costs related to the doctoral project must be documented in writing. The following costs may arise:

- a) (Open access) publications
- b) Travel expenses
- c) Registration fees for conferences at which publications are presented
- d) Other resources (subscriptions to AI systems, literature, software, etc.)

### **4. Agreements**

Arrangements and agreements between doctoral candidates, advisors, and, where applicable, companies or other third parties are documented in writing.