



The Christian-Doppler Laboratory for Sustainable Product Management in a Circular Economy at the University of Graz is looking for a

## Project employee without doctorate

(40 hours a week, temporary employment for 3 years,  
position to be filled as of September 2020)

### Your duties

- Participation in the research of the Christian-Doppler (CD) Laboratory for Sustainable Product Management in a Circular Economy
- Specialization on data-driven sustainability assessment of vehicle traction batteries
- The research in this project will focus on the development of a concept for a dynamic product declaration using the potential of a digital twin.
- The development of this dynamic product declaration will involve, among other tasks:
  - identification of sources of a sustainability data (i.e., environmental, social and economic)
  - identification of requirements for the exchange of the data along sustainable product life cycles
  - feasibility testing of a concept of the dynamic product declaration
- Conducting a dissertation in the context of the research in the CD-Laboratory
- Participation in conferences, publications in peer-reviewed journals and other media of knowledge transfer
- Participation in organisational and administrative tasks
- Continuing education in research skills

### Your profile

- Diploma or Master's Degree
  - in the sustainability sciences (e.g., environmental systems sciences, sustainable development, industrial ecology) or the social sciences (e.g., business administration, economics, sociology, ...)
  - with proficiency and affinity for information technologies and data science, or
  - in data science/informatics with proficiency in sustainability management and assessment.
- High commitment and motivation for scientific work and the completion of a doctoral degree
- Proficiency in qualitative and quantitative research methods
- Data analysis and programming skills, preferably in R and/or Python
- Very good written and spoken English skills
- Structured and goal-oriented thinking
- Self-initiative and reliability as well as organizational, cooperation and team skills
- Very good communication skills
- Motivation to work in international and interdisciplinary teams
- Responsible way of working, resilience and problem-solving ability
- Publication experience is beneficial

### Classification & Salary

- Salary scheme of the University Collective Agreement ("Universitäten-KV"): B1 (minimum salary 2.929 €)



## Application procedure

If you are interested in this position, please submit your application documents (motivation letter, CV, certificates) before the application deadline to: [rupert.baumgartner@uni-graz.at](mailto:rupert.baumgartner@uni-graz.at).

Please combine all documents in a single file and enter "CD-PhD-01" as subject in your email.

For further questions please contact Prof. Dr. Rupert Baumgartner (Institute of Systems Sciences, Innovation and Sustainability Research) at +43 316 380 3237.

Application Deadline: **August 14<sup>th</sup> 2020**