

## Project Summary

HEdIS seeks to establish a hub-based national and international network of education between researchers, innovators, businesses and academics in the frame of ICT on Sustainability.

*"Part of being optimistic is keeping one's head pointed toward the sun, one's feet moving forward."*

*Nelson Mandela*

## The Themes

Within the hub, six major themes will be addressed in a global context and, in particular, in relation to the South African socio-political and environmental landscape. Each theme will be supplied with modules and module related offerings for students and industrial participants, having a sustainable relevance.

### The themes are:

Water & Waste Management

Energy Efficiency

Sustainable Mobility

Education on Sustainability

Sustainability Entrepreneurship

## Contact

### Prof. Dr.-Ing. Jorge Marx Gómez

University of Oldenburg

Tel: +49 441 798 4470

jorge.marx.gomez@uni-oldenburg.de

### Christian Osorio, M.A.

University of Oldenburg

Tel: +49 441 798 4446

christian.osorio.martinez@uni-oldenburg.de

### Dr. Brenda Scholtz

Nelson Mandela University

Tel: +27 41 504 2081

brenda.scholtz@mandela.ac.za

### Prof. Ulrike Rivett, PhD

University of Cape Town

Tel: +27 21 650 4213

ulrike.rivett@uct.ac.za


Funded by: **DAAD**


NELSON MANDELA  
UNIVERSITY


CARL  
VON  
OSSIETZKY  
universität  
OLDENBURG



**Hub for Education  
on ICT for Sustainability**

 [www.hedis-project.org](http://www.hedis-project.org)

 @hedisproject

 Hub for Education on ICT for Sustainability



## Hub for Education on ICT for Sustainability

HEdIS will develop a teaching and research hub, with educational, academic, and practical relevance. The Hub for Education on Information Communication Technology (ICT) for Sustainability seeks to transform the curriculum of South Africa and develop graduates as holistic and responsible citizens so as to meet the goals of the National Development Plan.

*"Education is the most powerful weapon we can use to change the world."*

*Nelson Mandela*

The National Development Plan highlights the need for education and research that also supports socio-economic development as well as the central role that universities have in the associated international collaboration among states and their people for a sustainable development. In this context, the project emerged, starting off in 2017 with a four-year project runtime and the intention to bring together practical as well as research oriented activities on *ICT for Sustainability*.

Project coordinators are the German Carl von Ossietzky University of Oldenburg and the South African universities Nelson Mandela University and University of Cape Town.

## Our Goals

HEdIS will establish a hub-based national and international network with higher education institutions and industrial partners and develop ICT-based learning programmes in the frame of sustainability in co-creation with students, researchers, teachers and industrial experts.

- **Hub-based national and international network:** Establishment of a learning and teaching hub to stimulate development related professional networks for integration and exchange between the participating universities and project partners.
- **Education on ICT:** Development of labor market relevant teaching modules in the frame of ICT and sustainability.
- **Sustainability-oriented teaching and research:** Offer of labor market relevant modules that match the local context and state of research on global and local sustainability: Water and Waste Management, Energy Efficiency, Sustainable Mobility, Education on Sustainability and Sustainability Entrepreneurship.

## HEdIS Partners



Volkswagen

