

seed sustainability – crossing borders of knowledge

seed sustainability is a competence platform for project-based transdisciplinary learning and research in the field of sustainability in higher education.

As a platform it is conceived at the interface of science and practice. Its services – seedprojects and seedbox – are targeted at students, professors and practice partners.

Keeping pace with developments in higher education institutions worldwide seed sustainability goes a step further. **seed sustainability international** will provide transdiscipli-

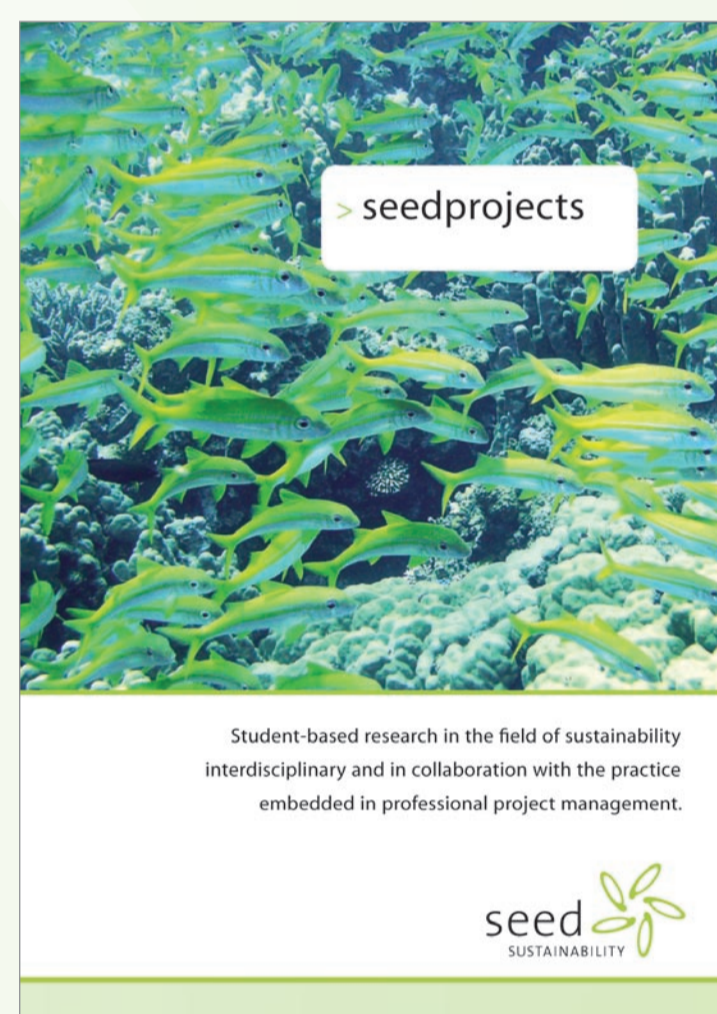
nary research-projects based on real-world project settings dealing with problems regarding global sustainability.

Students – future decision-makers – will train their capacities in international cooperation and teamworking, collaborating with international and local practice partners.

With its services seed sustainability champions students' commitment to sustainability and facilitates their involvement in cooperation with society, business and science to jointly develop applicable solutions for sustainability.

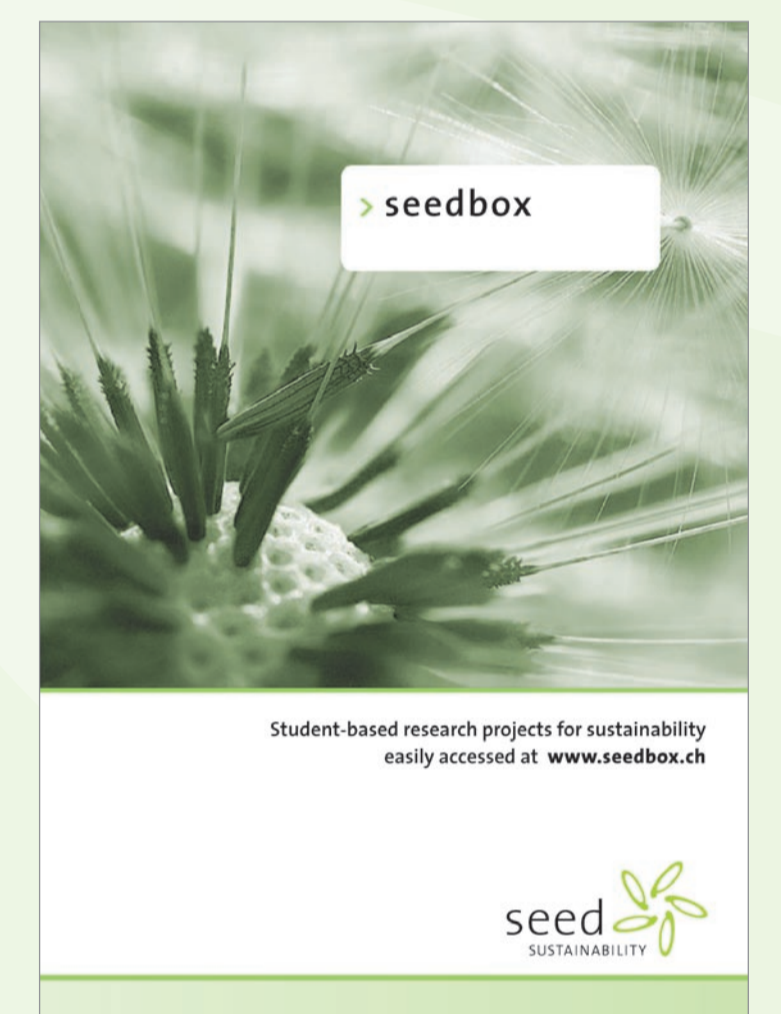
seedprojects are student-based research projects realized in collaboration with practice partners. seed sustainability initiates and coordinates the seedprojects and takes care of the interface management.

- > real-world problems from the practice
- > interdisciplinary teams of students
- > supervised by faculty members
- > realized in collaboration with practice partners (business, public domain, civil society)
- > part of student's academic education (Bachelor-/Masterthesis, PhD)



The **seedbox** is an online-pool collecting research-topics for student-based research in the field of sustainability from a multitude of Swiss science institutes. The seedbox provides

- > direct recruiting of students
- > a «market» for advertising research projects in sustainability science
- > «easy access» to a highly diverse area of investigation
- > an overview of the landscape of sustainability research



Examples of seedprojects

Seychelles – long-term, community based-research on sustainable tourism planning

The aim of the research collaboration between seed sustainability and the Government of Seychelles is to provide scientific support for a long-term ecologically, socially, and economically sustainable implementation of the national tourism development strategy. The seedproject encompasses different subprojects, being the scientific steering of the implementation process for the sustainability label in the tourism industry the most extensive one.

The Role of Ethics in Swiss Politics

This seedproject was mandated by the Lassalle-Institute, an international NGO located in Switzerland. Based on an extensive survey this interdisciplinary social science project analyzed the role of ethical thinking on Swiss national-level politics.

Nanotechnology: Sustainable Quality Management for HeiQ Materials Ltd.

HeiQ is a producer of high performance nanocomposite additives for synthetic fibers, plastics, and coatings. The seedproject-team performed a sustainability assessment of the production process, generated recommendations for legal regulations, and derived a marketing-strategy for a sustainability performance brand.

