



Bundesinstitut
für Berufsbildung **BiBB**

- ▶ Forschen
- ▶ Beraten
- ▶ Zukunft gestalten

Pilot-Projects

Sustainability in Everyday Working Life

Vocational Education and Training for Sustainable Development

Barbara Hemkes

Federal Institute for Vocational Education and Training



Mission: Vocational Education and Training for Sustainable Development

Vocational education and training (VET) for sustainable development (VETSD) is a life long learning process and an important part of education as such, aiming at the empowerment of the individuals in a way that they are capable to engage with recent and future tasks in work, society and private life in a manner, that is socially and individually responsible.

Source: Strategy Paper of the Working Group Vocational Education and Training, UN-Decade Education for Sustainable Development



Starting Point: Labour as Resource for Sustainable Development

Labour is considered as a crucial point for technical and social innovations towards sustainable transformation. Thus, skilled labour should be valued as a promising connection between the needs of sustainable development and the economy.



Sustainable cooking begins with the right ingredients. Trainee Max Neumann preparing food in the canteen kitchen with kitchen manager Kurt Bernert.



The quality of the work is just as decisive as planning, counseling and the choice of materials. Only facades which have been built meticulously can provide efficient insulation.



The development of smart buildings requires answers to complex questions. Construction specialists Sven Hübnerfeld and Michael Wernicke working on circuit diagrams.

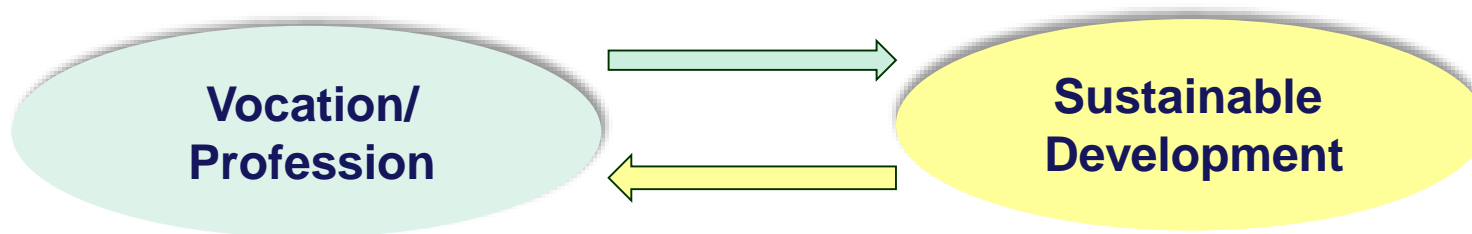
Strategy: Link Vocation and Sustainable Development



**As a mason -
what can I do to protect
the environment?**



Potentials of Vocational Competencies



Needs of Sustainable Development



**As an electrician -
what can I do
against global warming?**



Performance: Standards for Competencies and Learning Venues

Objective	Sustainability-oriented Vocational Competencies	Sustainable Company Learning Venue
Topic	Trade and Commerce B-C Information and Support (e.g. Label) B-B Sustainable Procurement Logistic Reduction of Environmental Impact	Organisation Development - Audits and Self Evaluation - Student-Projects - Development of Sector Specific Standards
Action	Capacity Building within the Companies, Training of Training Personnel Collaboration of Schools and Companies Regional Networking	
Outcome	✓ Standards on Sustainability-oriented Vocational Competencies ✓ Integration in Regulation on IVET/CVET	✓ Generic Indicators for Sustainable Company Learning Venues ✓ Integration into Corporate Codexes (e.g. German Sustainability Codex)

Pilot Projects = design based research – research based design

Pilot Programme VET for Sustainable Development

12 Pilot-Projects with 27 Project Partners

- > **180 partners** in companies, training institutes, schools, training networks et al.
- > **45 strategic partners** in chambers of trade and commerce, chambers of skilled crafts, social partners, professional, industrial and trade associations
- > **15 universities and research institutes**

Further Information: <https://www.bibb.de/en/709.php>

Contact:

Barbara Hemkes, BIBB
hemkes@bibb.de

Christian Srbeny, BIBB
srbeny@bibb.de

Helga Berg, BMBF
helga.berg@bmbf.bund.de

