



Brief summary of key points

The aim of the research project is to obtain findings on how permeability between vocational and higher education is designed in practice from the point of view of vocational education and training (VET) and on how this permeability can be fostered.

Various measures for the promotion of permeability have been developed in education and training practice over recent years. Previous investigations in this regard have mainly dealt with institutes of higher education and the activities of such institutes and with regard to opening up to those for recognition of vocational qualifications and crediting of competencies acquired via vocational means. This research project will adopt a different perspective by focusing on the practice of permeability from the point of view of VET.

The emphasis will be on stakeholders from VET practice who are involved in designing permeability at the interface from vocational education and training. Permeability will be defined in comprehensive terms which includes not only access to higher education study but also the transition from higher education to VET and at integrative formats of. The central research question is: which activities to promote permeability exist in practice?

The research project will be based on the theoretical approach of Educational Governance. This enables the project to research the promotion of permeability between vocational and higher education as a shift in the educational system that has its basis in harmonised actions on the part of the stakeholders involved between and within the respective educational areas rather than in central management. From this perspective, the manner in which stakeholders coordinate their actions is a condition for the success of permeability. One particular challenge is the fact that the educational areas, which in themselves are highly complex, are formulated in a very different manner and, in the light of changing educational preferences in society, are in competition with one another. Thus far scarcely any models or established procedures have been in place between the educational areas in practice. Such models or procedures need to be created by the stakeholders. For this reason, an analysis will also be undertaken of which forms of action coordination for measures that promote permeability are being realised between stakeholders in VET and at institutes of higher education and how these measures are being coordinated within the context of VET.

In methodological terms, the project primarily uses quantitative methods. Qualitative procedures will be deployed for the purposes of supplementary exploration and more detailed analysis. Results are of a largely descriptive and analytical nature. The first stage will involve using document analyses as a vehicle for determining formats for measures which promote permeability and for identifying possible areas of action coordination. Access to the field will take place via the chambers of commerce and industry and chambers of skilled crafts which in their capacity as relevant stakeholders are involved at the meso level in designing measures to foster permeability. In a second stage, a questionnaire will be used to conduct a survey with the chambers on the degree of relevance, areas of scope and fields of development potential that the formats identified have and how the chambers are involved in development and implementation. The aspiration is to conduct a full survey with the chambers of industry and commerce and chambers of skilled crafts in order to identify the entirety of activities being undertaken by the chambers within the context of

permeability. An evaluation of the survey will provide the foundation for more detailed analyses to take place via interviews and expert workshops conducted with representatives of the institutes of higher education and of VET. Results will be imparted in an Educational Governance model for action coordination transferred by chambers within the context of permeability. An object of investigation will be whether conditions for success can be derived that are of relevance for the further design of permeability from the perspective of VET.

List of Project Heads

Anke Bahl	bahl(at)bibb.de
Dr. Margit Ebbinghaus	ebbinghaus(at)bibb.de
Prof. Dr. Christian Ebner	ebner(at)bibb.de
Dr. Anja Hall	hall(at)bibb.de
Barbara Hemkes	hemkes(at)bibb.de
Dr. Harald Pfeifer	harald.pfeifer(at)bibb.de
Dr. Daniela Rohrbach-Schmidt	rohrbach(at)bibb.de
Dr. Michael Tiemann	tiemann(at)bibb.de
Felix Wenzelmann	wenzelmann(at)bibb.de
Kim-Maureen Wiesner	wiesner(at)bibb.de

Summary of research projects, development projects and academic research services ongoing in 2017

Projects are aligned to the main thematic focuses of the medium-term research and development programme and sorted by types of project. A distinction is drawn between research and development projects and academic research services. Externally financed projects are stated separately. For further information on the projects, please follow the link attached under the respective project number or consult the BIBB Project Database at: <http://www.bibb.de/dapro>.

Main thematic area 1: Training market and employment system

Research projects (self-financed)			
No.	Title	Head	Time frame
2.1.310	Training orientations and decisions of young people within the context of competing educational and training provision	Dr. Mona Granato	I/14 – IV/17
2.1.312	The development of qualifications-related educational returns as reflected in occupations, task areas and companies	Dr. Holger Alda	I/16 – II/18
2.1.313	Bachelor degrees in competition with vocational and advanced vocational qualifications? An analysis of company preferences	Tobias Maier	I/16 – I/19
4.1.303	Typical educational and training biographies and career pathways in selected commercial occupational areas – competition and complementarity between persons with vocational and academic qualifications	Dr. Silvia Annen	I/16 – I/19
2.1.314	2018 BIBB/BAuA Employee Survey Changes in work and occupations – acquisition and utilisation of professional and vocational qualifications	Dr. Anja Hall, Dr. Michael Tiemann	IV/16 – IV/21
2.1.315	Occupations in Germany – societal perception and personality characteristics	Prof. Dr. Christian Ebner, Dr. Daniela Rohrbach-Schmidt	I/17 – I/20
2.1.316	Costs and benefits of company-based training 2017/18 (BIBB-CBS 2017/18)	Dr. Harald Pfeifer, Felix Wenzelmann	I/17 – IV/19

Research projects (third-party funded and commissioned)				
No.	Title	Head	Time frame	Client
7.8.146	Polarisation 4.0	Prof. Dr. Robert Helmrich	II-15 – I/17	BMBF

Development projects (D) and academic research services (A) (self-financed)			
No. / project type	Title	Head	Time frame
D 2.1.303	Qualifications and occupational field projections	Tobias Maier	I/11 – IV/17
A 1.0.001	Annual investigations on the preparation of the Report on Vocational Education and Training since 1993 – regional analyses	Michael Friedrich	I/93 – ongoing
A 1.0.004	Annual evaluations for initial and continuing training in companies since 1994 – evaluation of data for the Data Report	Prof. Dr. Robert Helmrich	II/94 – ongoing
A 2.0.503	Prognosis of training place supply	Tobias Maier	IV/99 – ongoing
A 2.0.512	Involvement in the preparation and publication of the Data Report to accompany the Report on Vocational Education and Training	Michael Friedrich	IV/01 – ongoing
A 2.0.520	Statistical analyses of initial and continuing training structures	Dr. Alexandra Uhly	I/04 – ongoing
A 2.1.311	The BIBB Training Panel – Establishment Panel on Training and Competence Development	Klaus Troeltsch	I/15 – ongoing
A 6.0.001	Database “Training allowances”	Ursula Beicht	I/78 – ongoing

Development projects (D) and academic research services (A) (third party funded and commissioned)				
No. / project type	Title	Head	Time frame	Client
D 1.0.525	JOBSTARTER – Training for the Future	Katharina Kanschat	III/05 – IV/20	BMBF
D 2.0.547	Provision of a national system of indicators for integrated training reporting	Dr. Regina Dionisius	I/09 – II/17	BMBF
D 7.8.031	JOBSTARTER Programme Office – Coordinating Agency for Training and Migration (KAUSA)	Özgür Nalcacioglu	III/99 – IV/20	BMBF
D 7.8.071	JOBSTARTER – Educational Chains Service Agency	Jens Peschner	IV/10 – IV/20	BMBF
A 7.8.096	Specialist Reporting Agency for the Recognition of Foreign Professional and Vocational Qualifications (recognition monitoring, continuation of the project “Contributing towards quality assurance by monitoring the implementation of the Federal Government Recognition Act”)	Dr. Jessica Erbe	IV/12 – IV/18	BMBF
A 7.8.121	National Agency – EU educational programme Erasmus +/Thematic network for work-based learning and apprenticeships (NetWBL)	Klaus Fahle	I/14 – IV/20	EU-KOM (Co-financed by the BMBF)
A 7.8.139	Implementation of funding principles for analyses of potential within the scope of career entry support	Guido Kirst	II/15 – IV/18	BMBF
A 7.8.142	Areas of potential of the German Educational Panel Study (NEPS) for VET policy issues – NEPS-BB	Annalisa Schnitzler	III/15 – III/18	BMBF
A 7.9.009	“Recognition in Germany“ information portal	Kornelia Raskopp	IV/11 – IV/18	BMBF

Main thematic area 2: Modernisation and quality assurance of vocational education and training

Research projects (self-financed)				
No.	Title	Head	Time frame	
2.2.304	Language and communicative requirements in vocational education and training	Anke Settelmeyer	I/13 – I/17	
2.2.305	Measurement of professional competences of skilled workers in the field of mechatronics and electrical engineering	Dr. Agnes Dietzen	IV/14 – III/17	
2.2.307	Company approaches to competence assessment and to the recognition of competences acquired by informal means – opportunities for improvement of the occupational development of semi-skilled and unskilled workers	Carolin Böse	I/15 – III/17	
03/02/19304	Impact analysis (analyses) and securing transfer – development of a framework concept for impact assessment and supporting effectiveness	Dr. Dorothea Schemme	IV/14 – I/17	
4.2.452	Introduction of procedures for the validation of non-formal and informal learning – requirements and options	Dr. Julia Jörgens; Katrin Gutschow	III/15 – IV/17	
2.2.308	Company training partnerships – structures, areas of potential and risks for SMEs	Anke Bahl, Dr. Margit Ebbinghaus	II/17 – II/20	
3.2.308	Company-based training under the auspices of academic education – didactic design of practical phases within dual programmes of higher education study taking technical occupations as an example	Kim-Maureen Wiesner	I/17 – I/20	
Research projects (third-party funded and commissioned)				
No.	Title	Head	Time frame	Client
7.8.154	Vocational education and training 4.0 – skilled worker qualifications and competences for the digitalised work of the future	Prof. Dr. Friedrich Hubert Esser; Michael Härtel; Prof. Dr. Robert Helmrich; Torben Padur; Dr. Gert Zinke	II/16 – IV/18	BMBF

Development projects (D) and academic research services (A) (self-financed)			
No. / project type	Title	Head	Time frame
D 4.2.468	Advanced training requirements in the construction sector	Marlies Dorsch-Schweizer	III/14 – I/17
D 4.2.486	Vocational education and training in the public sector (ÖD:BB)	Martin Elsner	II/15 – II/18
D 4.2.495	Reorienting the design of training – online-based implementation guides for regulatory work	Kerstin Jonas	II/15 – ongoing
E 4.2.505	Updating of the ordinance for vocational education and training in the occupation of “piano and harpsichord maker”	Margareta Pfeifer	III/15 – I/17
E 4.2.507	Updating of the occupations of air traffic management assistant and service employee in air traffic	Dr. Anke Kock	III/15 – I/17
D 4.2.517	Updating of vocational education and training in the occupation of “biological modeller”	Gunda Görmar	II/16 – I/18
D 4.2.518	Development of draft advanced training regulations for the qualification of “certified senior clerk in the energy sector” (EnFW)	Martin Elsner	I/16 – II/17
D 4.2.521	Updating of vocational education and training in the occupations of “building and object coater” and “painter and varnisher”	Daniel Schreiber	I/16 – II/17
D 4.2.522	Updating of vocational education and training in the metallurgical and semi-finished goods industry (process technologist in the metal industry)	Axel Kaufmann	I/16 – I/18
D 4.2.523	Updating of the occupation of “miller (process technologist for the milling and animal feed industries)” – (in future, process technologist for the grain production industry)	Markus Bretschneider; Eva Christine Rothe	I/16 – I/18
D 4.2.524	Updating procedure for modernising vocational education and training in the occupation of “vessel and equipment constructor”	Axel Kaufmann	II/16 – I/18
D 4.2.527	Updating of vocational education and training in the occupation of “broom and brush maker”	Brigitte Seyfried	II/16 – IV/17

D 4.2.531	Preliminary investigation to identify changes needed to structure and contents in vocational education and training in the occupation of “audiovisual media producer”	Dr. Heike Krämer	II/16 – I/17
D 4.2.532	Development of draft advanced training regulations for the qualifications of “certified interpreter” and “certified translator”	Dr. Monika Hackel	II/16 – II/17
D 4.2.535	Updating of the ordinance for vocational education and training in the occupation of “process technologist in the production of sheet glass”	Margareta Pfeifer	II/16 – II/17
D 4.2.536	Updating of vocational education and training in the occupation of “ceramics testing technologist”	Magret Reymers	II/16 – III/17
D 4.2.539	Preliminary investigation in the occupation of transport services clerk	Anke Kock	I/17 – II/18
D 4.2.540	Evaluation of the pilot ordinance for the training occupation of “office manager”	Andreas Stöhr	III/16 – II/20
D 4.2.541	Updating of the occupation of stonemason	Daniel Schreiber	III/16 – I/18
D 4.2.543	Updating of vocational education and training in the occupation of “management assistant in e-commerce”	Manfred Zimmermann	IV/16 – I/18
D 4.2.545	Updating of advanced training regulations in the media sector	Dr. Heike Krämer	I/17 – I/18
D 4.2.546	Updating of vocational education and training in the occupation of “custom shoemaker”	Christiane Reuter	I/17 – II/18
D 4.2.547	Updating of vocational education and training in the occupation of “precious stone engraver”	Brigitte Seyfried	I/17 – III/18
D 4.2.548	Preliminary investigation to identify changes needed to structure and contents in vocational education and training in the occupation of “paper technician”	Dr. Heike Krämer	I/17 – IV/17
A 2.0.501	Qualifications development research in the data infrastructure sector – surveys for the early recognition of changes in skills requirements	Prof. Dr. Robert Helmrich	III/97 – ongoing
A 3.0.254	Documentation of initial and advanced training occupations	Jörg Schröder	III/98 – ongoing

A 4.2.491	Implementation guide “Structuring training” for the training occupation of “engineered stone technologist”	Hedwig Brengmann-Domogalla	II/15 – I/17
A 4.2.492	Online information for the occupation of “roofer”	Petra Fitzner-Kohn	II/15 – II/17
A 4.2.511	Specialist online information (implementation guide) for the training occupation of “leather production and tannery technology specialist”	Petra Fitzner-Kohn	III/15 – I/17
A 4.2.519	Online information for structuring training in the occupations of “air traffic management assistant” and “service employee in air traffic”	Carl Schamel	II/16 – III/17
A 4.2.526	Online information for the occupations of “sales assistant for retail services” and “management assistant for retail services”	Carl Schamel	II/16 – III/17
A 4.2.534	Implementation guide on structuring training for the occupation of “bow maker”	Hedwig Brengmann-Domogalla	II/16 – II/17
A 4.2.537	Online information (implementation guide) for the training occupation of “roller shutter and sunshade mechatronics technician”	Petra Fitzner-Kohn	III/16 – II/17
A 4.2.538	Investigation of the equivalence of examination certificates with certificates issued for passing the final and journeyman examination in training occupations pursuant to § 50 Paragraph 1 of the Vocational Training Act (BBiG) and § 40 Paragraph 1 of the Crafts and Trades Regulation Code (HWO)	Dr. Gert Zinke	III/16 – I/17
A 4.2.542	Implementation guide “Structuring training” for the training occupation of “plant mechanic for sanitary, heating and air conditioning systems”	Carl Schamel	IV/16 – III/17
A 4.2.544	Online information for the occupation of “footwear maker and finisher”	Petra Fitzner-Kohn	IV/16 – III/17

Development projects (D) and academic research services (A) (third-party funded and commissioned)				
No. / project type	Title	Head	Time frame	Client
D 7.8.117	Network for training in electro-mobility (NQuE)	Barbara-Christine Schild	III/13 – II/17	BMBF
D 7.8.153	Vocational education and training for sustainable development 2015-2019	Barbara Hemkes	III/15 – IV/19	BMBF
A3.0.554	Specialist guidance, support and coordination for the Vocational Education and Training Research Initiative of the BMBF (departmental research)	Christoph Heuer, Dr. Bernhard Hilker	III/06 – IV/18	BMBF
A3.0.560	Development and deployment of digital media in vocational training – project consultancy, support and evaluation of the BMBF funding measure	Tanja Schubert	IV/07 – IV/19	BMBF
A 7.8.098	“Centre of excellence” transition from school to work	Frank Neises	IV/12 – IV/17	BMBF
A 7.8.150	Digitalisation in inter-company vocational training centres and in centres of excellence (“Inter-company Vocational Training Centres Special Programme on Digitalisation”)	Dr. Claudia Schreier	I/16 – II/20	BMBF
A 7.8.160	Open Educational Resources (OER) – Information Agency	Dr. Bodo Rödel	IV/16 – IV/18	DIPF/ BMBF
A 7.9.006	German National Reference Point for Quality Assurance in Vocational Training (DEQA-VET)	Helena Sabbagh	III/08 – I/17	BMBF

Main thematic area 3: Conditions and structures of lifelong learning

Research projects (self-financed)				
No.	Title	Head	Time frame	
1.3.301	Models and procedures for the recognition of professional and vocational qualifications and competences acquired abroad in selected states – design principles, construction, implementation (MoVA)	Dr. Silvia Annen; Dr. Christiane Eberhardt	I/13 – II/17 (also in main focus of activity 5)	
2.3.306	Continuing vocational training – expenditure and benefits of individuals	Dr. Normann Müller	I/15 – IV/17	
3.3.308	Transformation and coordination at the interfaces from vocational to higher education – permeability in practice from the perspective of vocational education and training	Barbara Hemkes	I/17 – IV/19	
Research projects (third-party funded and commissioned)				
No.	Title	Head	Time frame	Client
7.8.148	Survey on continuing training behaviour in Germany in 2016	Dr. Friederike Behringer	IV/15 – IV/17	BMBF

Development projects (D) and academic research services (A) (self-financed)				
No. / project type	Title	Head	Time frame	
A 2.0.001	Pilot projects (funding pilot projects including evaluation research – BBiG § 90 Paragraph 3 No. 1) (self-financed since 2010)	Dr. Dorothea Schemme	II/11 – ongoing	
4.3.305	Advanced training requirements for possible professional careers alongside certified industrial foreman specialised in metal working	Axel Kaufmann	I/17 – I/18	

Development projects (D) and academic research services (A) (third party funded and commissioned)				
No. / project type	Title	Head	Time frame	Client
D 7.8.135	Innovative approaches to future-oriented continuing vocational training	Barbara Hemkes	II/15 – II/19	BMBF
D 7.8.143	Investigation of transferring statistics on distance learning to a permanent academic research service provided by BIBB pursuant to § 90 Paragraph 3 No. 4 BBiG	Angela Fogolin	II/15 – III/17	BMBF
A 7.8.092	Training grant	Bert Butz	III/12 – II/19	BMBF
A 7.8.145	Decade for Literacy (Decade Office)	Karin Küßner	III/15 – III/20	BMBF

Main thematic area 4: The diversity of vocational education and training

Research projects (self-financed)				
No.	Title	Head	Time frame	
None at present (status: 16/12/2016)				
Research projects (third-party funded and commissioned)				
No.	Title	Head	Time frame	Client
None at present (status: 16/12/2016)				

Development projects (D) and academic research services (A) (self-financed)				
No. / project type	Title	Head	Time frame	
D4.4.312	Board Recommendation for sample regulations for the qualification of professional practitioner in print media technology	Dr. Heike Krämer	II/16 – I/17	
D3.4.304	Process chain for the sustainable integration of refugees into dual training	Dr. Christian Vogel	IV/16 – IV/17	
A3.0.538	Foraus.de – the BIBB Internet forum to support training staff	Franziska Kupfer	I/04 – ongoing	
Development projects (D) and academic research services (A) (third-party funded and commissioned)				
No. / project type	Title	Head	Time frame	Client
A7.8.149	Raising intercultural awareness amongst VET staff	Frank Neises	I/16 – I/17	BMBF
A7.9.004	The Vocational Orientation Programme of the Federal Ministry of Education and Research (BOP) – vocational orientation in inter-company vocational training centres and comparable VET centres	Guido Kirst; Lucia Winter	I/08 – ongoing	BMBF

Main thematic area 5: Internationalisation of vocational education and training

Research projects (self-financed)				
No.	Title	Head	Time frame	
1.5.309	Work-based learning programmes in the tertiary educational sector – an international comparative analysis of models and functions	Ute-Hippach Schneider	I/14 – I/17	
1.5.312	Dual training as a company strategy to secure a supply of skilled workers – case studies on motivation and organisation in international comparative terms	Dr. Philipp Christian Grollmann	II/15 – III/17	
1.5.313	Development of national training standards – stakeholders, procedures and design in European comparative terms	Philipp Ulmer	I/15 – IV/17	
Research projects (third-party funded and commissioned)				
No.	Title	Head	Time frame	Client
7.8.127	Improving the quality of apprentice training for vocational qualifications in Italy	Isabelle Le Mouillour	IV/14 – I/17	EU
7.8.130	Introduction of dual VET elements in the Slovak Republic	Marthe Geiben	IV/14 – I/17	EU
7.8.132	Companies as sustainable partners for apprenticeship in Greece and Cyprus	Kristina Hensen-Reifgens	IV/14 – I/17	EU
7.8.151	New models of work-based learning	Marthe Geiben	IV/15 – II/18	EU
7.8.157	The changing nature and role of vocational education and training	Ute-Hippach Schneider	I/16 – IV/18	Cedefop

Development projects (D) and academic research services (A) (self-financed)			
No. / project type	Title	Head	Time frame
A1.0.511	Database for the presentation of the German vocational education and training system in an international context	Thomas Materna	I/03 – ongoing
A1.5.310	Evaluation research for the German-Portuguese Training Project for company-based tutors	Philipp Ulmer	I/14 – III/17
A 1.5.314	Transfer in (international) VET cooperation agreements	Marthe Geiben	II/15 – II/17

Development projects (D) and academic research services (A) (third-party funded and commissioned)				
No. / project type	Title	Head	Time frame	Client
A1.0.516	European cooperation in vocational education and training research within the scope of the CEDEFOP ReferNet Network	Ute-Hippach Schneider	III/03 – IV/19	CEDEFOP
A7.8.041	National Agency – German National Europass Centre (NEC)	Sibilla Drews, Klaus Fahle	I/07 – ongoing	EU Commission
A7.8.094	European Agenda for Adult Education	Johannes Georg Rosenstein	III/12 – III/17	BMBF
A7.8.124	National Agency – “European Platform for Adult Learning in Europe” (EPALE)	Christian Bernhard	IV/14 – IV/18	EU
A7.8.133	Prototyping Transfer – recognition via skills analyses	Carolin Böse	I/15 – IV/17	BMBF
A7.8.152	Work-based learning: options for research at an internationally comparative level – a cooperative project between BIBB and UNESCO-UNEVOC	Anke Bahl; Michael Schwarz	IV/15 – IV/17	UNESCO UNEVOC
A 7.8.158	Promotion of European cooperation in the field of quality assurance in vocational education and training	Helena Sabbagh	II/16 – I/17	EU
A 7.8.159	Erasmus+ mobility project in vocational education and training with pool places	Dr. Monique Nijsten	II/16 – IV/20	EU + BMBF