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Philipp Grollmann,
Melanie Hoppe
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Preface “Research meets Advisory Service”

Dr. Philipp Grollmann, Melanie Hoppe

“We advise international partners on the development and modernisation of vocational education and training ...” says the mission statement of BIBB. At the same time it expresses BIBB’s interest “… to foster the efficiency and competitiveness of the German system of vocational education and training and contribute to the creation of the European Education Area.” These two sides of one coin are the foundation for BIBB’s international activities and the existence of the two sections “International Benchmarking and Monitoring/European VET policies” and “International Cooperation and Advisory Services”.

With regard to the latter, BIBB has developed a concept for cooperating with countries that request advisory services in their on-going reforms (BIBB 2009). Reform processes with the objective of shaping vocational education and training in a sustainable manner and geared towards employability have been and are being supported. In doing so, the following guidelines give direction: The delivered advisory services always tie in with existing structures and advice is viewed as providing impetus for systemic development processes.

BIBB also contributes and has contributed to significant European developments such as the introduction of the European Qualifications Framework (EQF), the implementation of national frameworks as well to the development of a European Credit System for Vocational Education (ECVET). Increasingly, BIBB is also engaged into the monitoring of VET systems. E. g. BIBB contributes regularly to the CEDEFOP ReferNet (e. g. Hippach-Schneider, Woll, Hanf 2008) over the last years, and it was asked to take over the managing editorship of the “International Handbook on VET” (IHBB, Lauterbach 1994 ff.) from 2010 together with seven German universities.

For both tasks a solid basis of information is needed on the state of vocational education and training systems as well as concepts of shaping vocational education systems. Due to this BIBB also conducts its own international comparative research projects to generate solid information and sustainable instruments for VET systems' analysis. These research activities deal with questions such as: How do we know what is needed for the further development of a VET system? Why is one approach chosen instead of the other? Which results are to be expected and how can we monitor this?

This set of questions and the needs for further development as regards to such instruments was the background for the organisation of the workshop “Methods and Instruments for the Evaluation and Monitoring of VET systems”. The workshop was preceded by an international call for papers that was disseminated through the pertinent channels of CEDEFOP, UNESCO-UNEVOC and others. Papers have been selected through a blind review proce-
dure according to their scientific quality and the contribution to the abovementioned questions.

Taking a look at the same issue from different angles, combining the joint interests of the two international sections of BIBB, the workshop provided a platform for international researchers and practitioners to discuss and address their needs. Therefore the following central topics were addressed under the headline "Research meets Advisory Service" during the workshop:

System analysis: A general overview of the available analyses of the genesis and development of VET systems;

Indicators & benchmarks: Supervising the 'status quo' or heading towards certain targets - both instruments are used for international comparison and for advising national policy makers;

Peer review & peer learning: In order to capture opinions of experts and facts and experiences that cannot be depicted through indicators solely, different models for the instruments are in use.

This documentation provides the results of the expert workshop which was held in Bonn/Königswinter in December 2009. We want to thank the participants for sharing their knowledge. A special acknowledgement needs to be made of the contributions by the reviewers who have helped in the selection of papers, namely Prof. Dr. Ute Clement, University of Kassel and Sören Nielsen, European Training Foundation, as well as the local organization team, Ms. Barbara Schulte and Ms. Heidemarie Ranfft.

References


References


Contributors

Kathrin Hoeckel

Organisation for Economic Co-operation and Development
Directorate for Education, Education and Training Policy Division 2,
rue André-Pascal, 75775 Paris CEDEX 16, France

Ute Hippach-Schneider

Federal Institute for Vocational Education and Training (BIBB)
Robert-Schuman-Platz 3, 53175 Bonn, Germany

Dr. Torsten Dunkel

Cedefop, PO Box 22427 GR-551 02 Thessaloniki

Stefan Thomas

German Agency for Technical Cooperation (gtz)
Dag-Hammarskjöld-Weg 1-5, 65760 Eschborn, Germany

Noela Eddington and Ian Eddington

Department of Education and Training, Queensland,
P.O. Box, City EastBrisbane, Qld 4001, Queensland, Australia

University of Southern Queensland,
P.O. Darling Heights, Toowoomba, Qld, 4350, Queensland, Australia

Dr. Xiaorong Nie, Mr. Ziyuan Wang and Mrs. Zhibao Pan

China National Training Base for Vocational Education Teacher
Jiang Xi Science and Technology Normal University
Feng Lin Da Dao, 330013, Nan Chang, Jiang Xi, P. R. of China

Dr. Uwe Lauterbach

Independent researcher at Deutsches Institut für Internationale Pädagogische Forschung (DIPF), Frankfurt a. M. & Institut Technik und Bildung (ITB) der Universität Bremen
Darmstadt, Germany

Prof. Dr. Marc Schütte and Prof. Dr. Georg Spöttl

Faculty Life Sciences, Hamburg University of Applied Sciences
Lohbrügger Kirchstr. 65, 21033 Hamburg, Germany
Institute Technology and Education, University Bremen,
Am Fallturm 1,-28359 Bremen, Germany
Dr. Lorenz Lassnigg and Dr. Stefan Vogtenhuber

Institute for Advanced Studies (IHS), Vienna
Stumpergasse 56, 1060 Vienna, Austria

Prof. Jim Stewart and Victoria Harte

Leeds Business School and Institute for Enterprise, Leeds Metropolitan University,
Civic Quarter, LS1 3HE, Leeds, UK

Dr. Geoff Hayward

Department of Education, University of Oxford
15 Norham Gardens, Oxford OX2 6PY, UK

Dana Stroie

National Centre for TVET Development,
Spiru Haret 10 – 12, 010176 Bucharest, Romania

Dr. Theodorah. U. Ogali

Department of Agricultural Economics & Extension, University of Port Harcourt
East/West Road, PMB 5323 Choba, Rivers State, Nigeria

Prof. Pilar Pineda, Carla Quesada and Victoria Moreno

Facultad de Ciencias de la Educación, Universidad Autónoma de Barcelona Despacho 148,
Edificio G-6, 08193 Cerdanyola del Vallés (Barcelona), Spain

Sandra Speer

Independent Evaluator, Wiesbaden, Germany

Dr. Benjamin A. Ogwo

Department of Vocational Teacher Preparation, State University of New York,
Oswego, NY 13126, USA

Simonas Gaušas & Rimantas Dumčius

Public Policy and Management Institute,
Gedimino ave. 50, LT-01110 Vilnius, Lithuania

Dr. Ludger Deitmer, Dr. Lars Heinemann, Prof. Dr. Felix Rauner and Dr. Wolfgang Wittig

Institute Technology and Education (ITB), University of Bremen
Am Fallturm 1, 28359 Bremen, Germany
TVET Research Group (I:BB), University of Bremen
Leobener Str./NW2, 28359 Bremen, Germany