

Appendix B-2: Overview of main BMBF funding measures for cooperation with developing countries and emerging economies

BMBF Department	Funding measure	Details
International Department	Exploratory activities, preparation of projects, feasibility studies, pilot investigations in international cooperation	Only countries with a cooperation agreement or other cooperation countries, topics of strategic BMBF interest, application possible continuously; Via International Bureau/PT-DLR; Ongoing at time of research
	Bilateral mobility projects for international cooperation → mobility costs	Repeated bilateral calls with partner countries in areas of mutual interest; Cofunded by partner country; Via International Bureau/PT-DLR; Ongoing at time of research
	In the scope of international science years: funding for activities which enhance visibility of bilateral cooperation, additional funding for cooperation	Science years (2007-2014), cofunded by partner country: Germany-Turkey 2014, Germany-South Africa 2012/13; Germany-Russia 2011/12; Germany-Brazil 2010/11; Germany-China 2009/10; Germany-Israel 2008; Germany-Egypt 2007;
Life Sciences Department (Bioeconomy)	Global food security ("GlobE")	Call in 2011, programme ran from 2012-2018; Programme endowed with EUR 45 million; German-African cooperative projects; In the frame of the BioEconomy Strategy; Via PT-J; Ongoing at time of research
	Bioeconomy international	Calls in 2013, 2014, 2015, 2017; Coordinated calls with partner countries such as Argentina, Malaysia, Thailand and other emerging economies; Programme endowed with 46,2 Millionen Euro; Via PT-J; Ongoing at time of research
Life Sciences Department (Health Research)	German-African cooperative product development partnerships for prevention, diagnosis and treatment of neglected and poverty-related diseases	Call in 2011; In the frame of the Research funding concept on neglected and poverty-related diseases; Endowed with EUR 20 million; Via PT-DLR and KfW; Ongoing at time of research
	German-African health networks	Call in 2013; In the frame of the Research funding concept on neglected and poverty-related diseases; Via PT-DLR; Ongoing at time of research

BMBF Department	Funding measure	Details
	<u>Past programmes</u>	
	Research on global hydrological cycles and development of integrated water management strategies at the regional level ("GLoWa")	Programme from 2000 and 2012; Endowed with EUR 75 million; Projects focused on Germany, Africa and the Middle East region; Via PT-DLR
	Biodiversity and Global Change - ("BIOLOG")	Programme between 2000 and 2011; Endowed with EUR 80 million; Funding focus on Africa (BIOTA), and Europe; Aimed at an improved understanding of the role of biodiversity in ecosystems; Via PT-DLR
	Biosphere research – Integrative and applied modelling projects ("BIOTeam")	Programme endowed with EUR 9 million between 2002 and 2009; Open to all model regions in developing countries.; Via PT-DLR
	Mata Atlantica – Biodiversity research in coastal forests of Brazil	Programme endowed with app. EUR 11.5 million from 2002-2010; Cofunded by Brazil (CNPq); 4 German-Brazilian projects funded in total; Via PT-DLR
Department for Basic and Sustainability Research (Unit 723/Global Change)	Ongoing programmes (at the time of data collection 2012-2014)	
	Research for Sustainable Development of the Megacities of Tomorrow ("Megacities")	In the frame of FONA (and HTS); Endowed with EUR 50 million; No predefined regions in the call, nine projects selected in developing countries/emerging economies in Asia, Africa and Latin America; Refocus on climate change mitigation/adaptation and energy efficiency in the main programme phase; Via PT-DLR
	Regional Science Service Centres in Africa	Initiative launched in 2010; In the frame of FONA; Endowed with EUR 100 million; Two centres (WASCAL and SASSCAL) in partner regions of Southern and West Africa; Cofunded by partner regions; Funding for research, capacity development and infrastructure; Via PT-DLR and KfW
	Sustainable Land Management (Module A/international cooperation on interactions between land management, climate change and ecosystem services)	Programme in the frame of FONA, HTS; Endowed with EUR 70 million from 2010-2016; Partner countries defined through scientific interest in the region, e.g. southern Africa, Brazil, China; Via PT-DLR
	Science Partnerships for the Assessment of Complex Earth System Processes ("SPACES")	Bilateral call between Germany and Namibia/South Africa, launched 2012

BMBF Department	Funding measure	Details
Department for Basic and Sustainability Research (Unit 724 / Resources and Sustainability)	Past programmes	
	Decentral water supply and disposal systems	Programme ran from 2002-2012; 13 Projects funded with Brazil, Ghana, Algeria, South Africa, Vietnam, Turkey
	Ongoing programmes (at the time of data collection 2012-2014)	
	Programme for funding initiative for excellence in research and innovation in the new federal states, Spizenzforschung und Innovation in den Neuen Ländern ("PROSIN")	Special case: PROSIN programme originated in the BMBF Strategy Department (Unit 14/Regional Innovation initiatives; New federal states) in 2008; IWAS funded in PROSIN but thematically attached to funding priority IWRM/administered in Unit 724; IWAS endowed with EUR 13.3 million from 2008-2013; IWAS focused on IWRM in model regions - Brazil, Ukraine, Mongolia, Vietnam, Oman/Saudi Arabia; Via PT-KA
	Integrated Water Resource Management ("IWRM")	IWRM call in 2004, project started between 2006 and 2010, programme ended in 2015, ongoing during research; Funding priority also including further projects, endowed with EUR 120 million; Suggested cooperation regions in call: Central and South East Asia, Sub-Saharan Africa, Near East; In the frame of FONA and HTS; Via International Bureau, PT-KA, PT-J
	International Partnerships for Sustainable Technologies and Services for Climate Protection and the Environment ("CLIENT")	Endowed with EUR 60 million; Research cooperation with BRICS countries and Vietnam, development and application of technologies and services in the field of climate protection, resource efficiency, land/water management; Cofunded by partner countries; Via PT-DLR (International Bureau and PT-Umwelt); Programme from 2010-2015

Source: own elaboration based on BMBF 1999; BMBF 2001; BMBF 2003a; BMBF 2003b; BMBF 2005b; BMBF 2005c; BMBF 2008b; BMBF 2010b; BMBF 2010e; BMBF 2011d; BMBF 2011c; BMBF 2011e; BMBF 2013h; PT-DLR 2013; Deppe 2013; PT-DLR 2014b; BMBF 2014n; BMBF 2014t; BMBF 2014u; BMBF 2017, PT-J 2019 as well as own interviews with BMBF staff