



# ***GLOBE for Schools in Germany***



**GLOBE Europe/Eurasia Meeting  
of Country Coordinators at Cologne 2016**



# **THE GLOBE PROGRAM**

**A Worldwide Science and Education Program**

# Monitor of Education in Germany 2015

Fortschritte in den einzelnen Handlungsfeldern gegenüber dem Bildungsmonitor im Vorjahr und dem Jahr 2013

	2015	2014	2013	2015 zu 2014	2015 zu 2013
Zeiteffizienz	64,9	64,6	65,4	0,3	-0,5
Inputeffizienz	55,3	53,7	53,2	1,6	2,1
Schulqualität	55,8	55,8	55,8	0	0
Bildungsarmut	61	59,7	58,4	1,3	2,6
Internationalisierung	46,1	46,1	45,5	0	0,6
Integration	57,4	58,9	58,2	-1,5	-0,8
Ausgabepriorisierung	43	41,5	41,6	1,5	1,4
Forschungsorientierung	53,6	55,4	53,9	-1,8	-0,3
Berufliche Bildung	44,5	45,3	48	-0,8	-3,5
Förderinfrastruktur	46,3	40,8	37,6	5,5	8,7
Betreuungsbedingungen	49,7	47	43,1	2,7	6,6
Hochschule & MINT	42,5	40,6	39,9	1,9	2,6

Zu diesem Ergebnis kommt der Bildungsmonitor 2015: Die 16 Bundesländer erreichen 2015 nur geringe Verbesserungen ihrer Bildungssysteme. Sachsen, Thüringen, Bayern und Baden-Württemberg haben die leistungsfähigsten Bildungssysteme. Bremen und das Saarland legten gegenüber dem Vorjahr am deutlichsten zu. Erhebliche Verbesserungen weisen auch Bayern und Hamburg auf.

Intelligent knowledge is to be seen in ability:



GLOBE offers real and useful instruments for everyday duties and tasks (protocols)

GLOBE offers the visualization website, which is very special and a perfect self control for students

GLOBE offers an international network which is fascinating and can be adapted to other networks (Erasmus, ENO, France) in an easy and useful way.

GLOBE is to be used easily, adapted to different didactical demands and offers wonderful cooperation with great science.

GLOBE offers an excellent service.

**GLOBE will go on developing as a partner project in Germany.**

**It will be run by associations or be supported by scientific institutes.**

**GLOBE should be much better known in schools to enjoy the excellent offers.**

Some results of a first analysis in Germany concerning efforts to improve the education for science and sustainability





GLOBE as part of the school curriculum at Unna  
(Ernst-Barlach-Gymnasium)

# Implementation of GLOBE in the Geography Curriculum in the German Speaking Community in Belgium



# **GLOBE-Deutschland has started a cooperation with UBI – Umweltbildungsinitiative (Initiative for Environmental Education)**

The new partners are involved in educational topics in Westphalia and have as background different professions. They are partners of the discussion to create a National Parc in the „Senne“, a wonderful landscape, which now is used as a traditional military training area.



**Project: The Forest Speaks all Languages**  
May 2016

# Universität zu Köln

## Mathematisch-Naturwissenschaftliche Fakultät

A special course for students in teacher education programs and for other interested students

An international perspective on STEM education: Experiences, examples and teaching approaches in the GLOBE program





Research dialogue: System Earth  
current geo-scientific research for schools



## Research dialogue: System Earth

The project SYSTEM ERDE is being carried out by the IPN Leibniz Institute for Science Education in cooperation with other research institutes.

**SYSTEM ERDE** is being funded by the special program "Geo-technologies" by the BMBF (German Federal Ministry of Education and Research) and is being advised and evaluated by a scientific advisory committee with representatives from earth science research institutes and museums as well as researchers in didactics.

***Earth System Knowledge Platform (ESKP)***

***<http://www.eskp.de/centers>***



**Thank you**



Anna Heyne-Mudrich