

GLOBE - Deutschland

Founded: 11th May 2011 in Unna

First meeting: 11th November in Unna

First public project : Earthday 2012

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Greetings to the 17th Annual GLOBE Meeting 2013



GLOBE in Germany

The 30th country to join GLOBE on 8 December 1995

- **15 April 1998:** GLOBE Mirror Server established by the DLR.
- **1999:** GLOBE Teacher's Guide Translated by the DLR.
- **10 December 2005:** Management of GLOBE transferred to the Institut fuer die Paedagogik der Naturwissenschaften (IPN), Kiel, on behalf of the German Federal Ministry for Education and Research (BMBF) in order to further support educational development of GLOBE throughout Germany.
- **January 2008:** Financial support from the BMBF for GLOBE in Germany ended. The IPN continued as "Volunteer Country Coordinator" with Ms. Birgit Rademacher leading activities.
- **28 August 2009:** IPN submitted letter of termination to NASA.
- Thank you to **Anna Heyne-Mudrich** for keeping GLOBE alive!



Master Trainers: 1

**(Ms. Kara Core from Heidelberg in
GLOBE Hydrology investigation area)**

Trainers: 39

Teachers: 904

Schools: 589

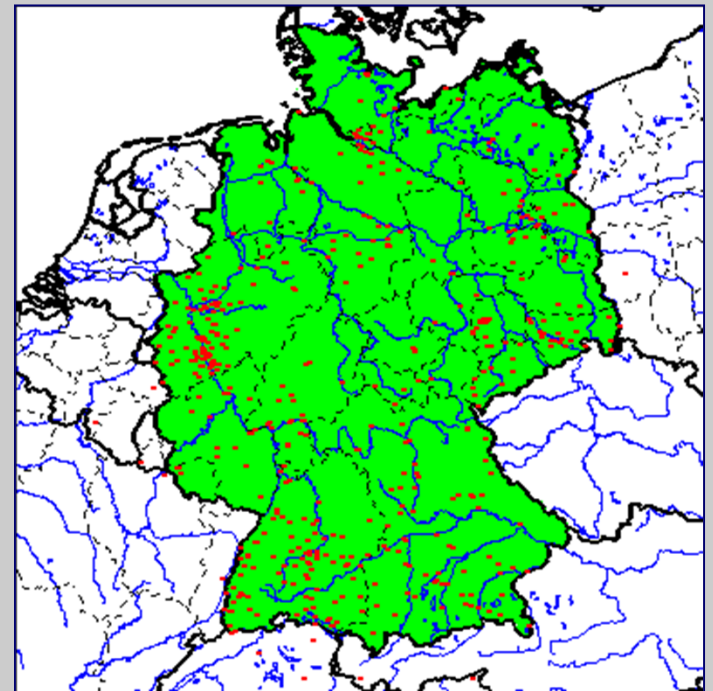
(580 schools have entered data)

Data: 1,854,634 measurements

Honor Roll: 1,989

(39 in the past 12 months and 9 in the past 6 months)

GLOBE Stars: 15



Activities:

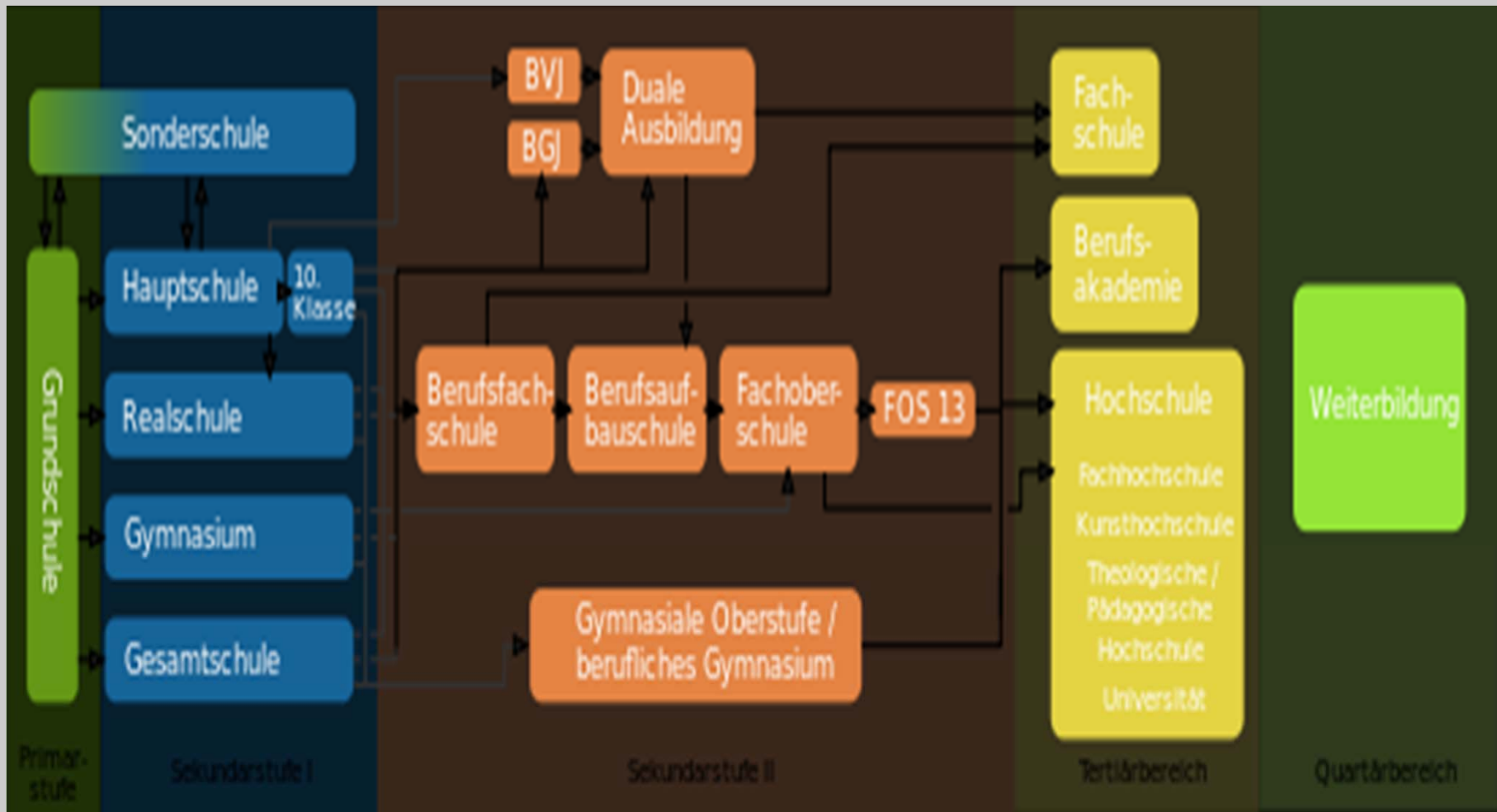
- ⚡ Klimawoche Bielefeld 2011 und 2012
- ⚡ Extremwetterkongress 2012 in Hamburg
- ⚡ International Congress of Geography 2012 in Cologne
- ⚡ GLOBE-Comenius-Project 2011 – 2013
- ⚡ Comenius-Meeting on Aerosols in Paderborn January 2013
- ⚡ Westfalian Students Conference in Paderborn July 2013

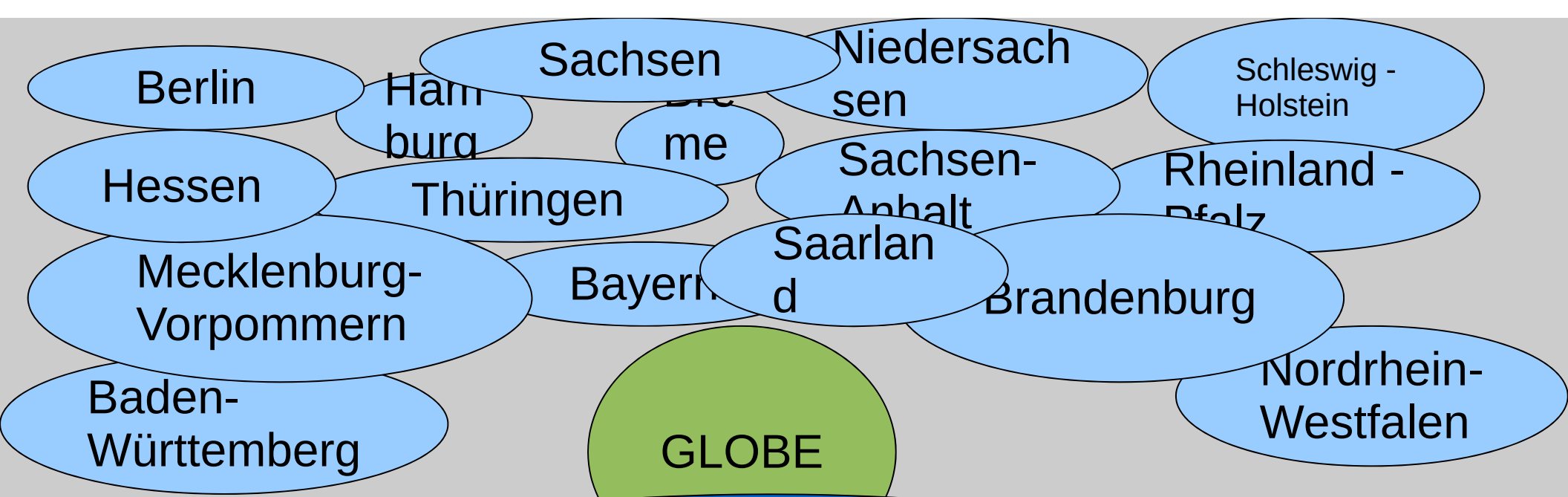
Website – Newsletter – Service - Meetings



16 Countries are independent in questions of education
 The durable KMK finds common decisions, f.e. for international questions (exchanges, research programs)
 The Government decides some questions of academic education and research

The System of Education in Germany





Different Curricula/ different systems
Lack of Specialists in the Sciences
Lack of students
Education in Sustainability
Early start to teach English language
Offers for international Cooperations

Great variety of school programs from Universities and official partners
GLOBE has still a special place among these programs:
Protocols and service cooperating with ESA e.a.
Online communication possibilities for schools and students
The international communication
The flexibility and the excellent service.

Possibilities for GLOBE in Germany today

- GLOBE as part of the curricula
- Workshops after school
- Integration in „außerschulische Lernorte“ : places of learning outside the schools“(universities, museums, learning trails etc)

Special events such as student meetings, workshops for some days

1. Situation for GLOBE in schools in German schools today:

a) *Schools go on working* with GLOBE protocols in different subjects (biology, geography, physics etc)

b) GLOBE - Schools integrated the GLOBE program into their school curricula and continue working in this way since 2008

2. Außerschulische Lernorte:

a) Universities offer websites for schools and open groups of interested people.(find examples on the Comenius-GLOBE-Website)

b) Student conferences are possibilities for workshop presentations and communication (Comenius-GLOBE)

c) GLOBE is an excellent partner of European Educational Development

d) Project of GLOBE-Deutschland: Collection and new development of Climate Trails in Germany to design a GLOBE Climate Trail crossing Germany

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**COOPERATION
FOR**



A BETTER WORLD

**THANK YOU FOR YOUR
ATTENTION**

