

The “Haus der kleinen Forscher“ Foundation – One way to foster STEM learning across Germany

Stiftung Haus der kleinen Forscher

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Paris, 10/04/2017

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung

PARTNER:

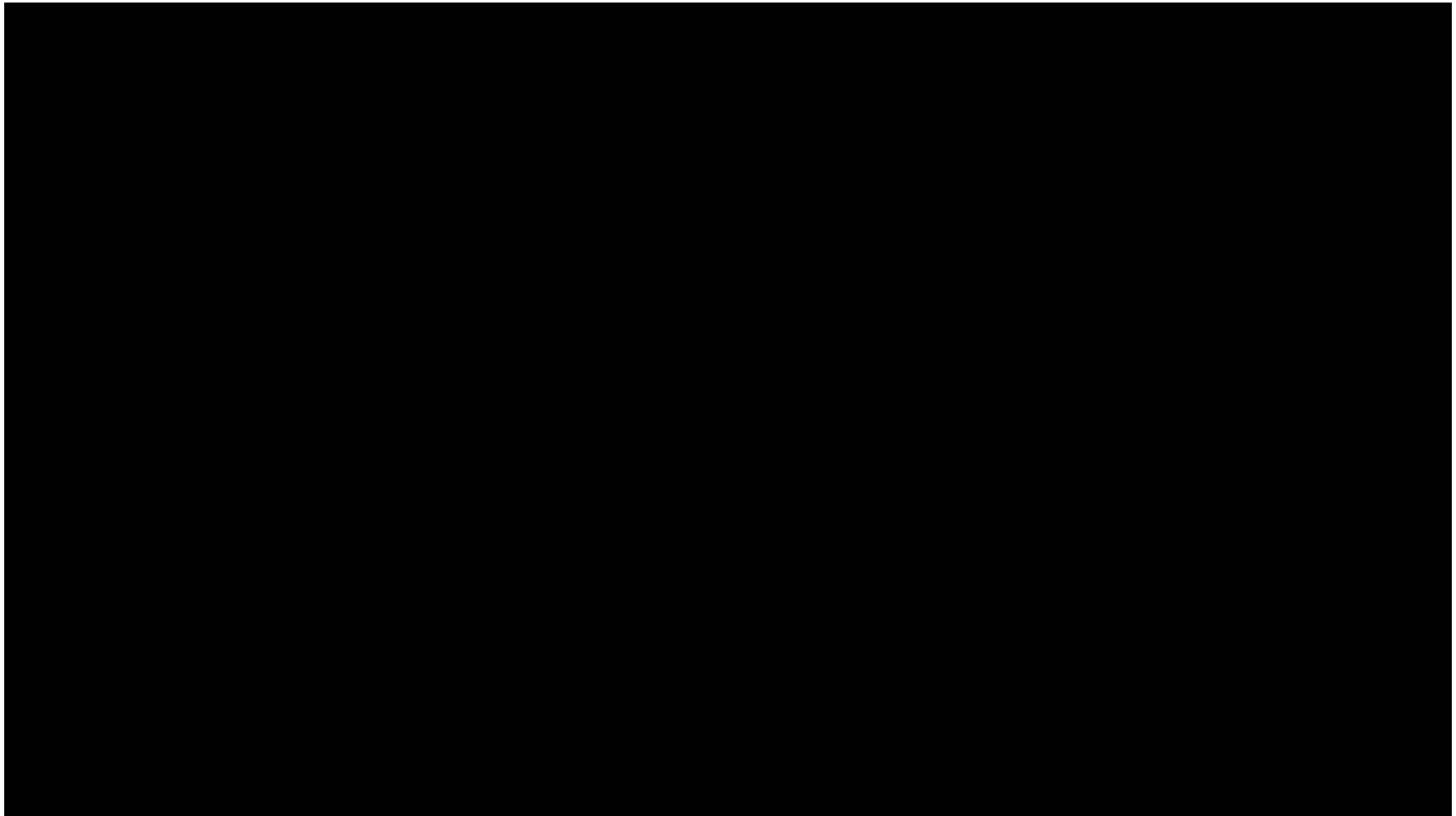
Helmholtz-Gemeinschaft

Siemens Stiftung

Dietmar Hopp Stiftung

Deutsche Telekom Stiftung

Video



Local networks are the Foundations' regional partners.



Integrate inquiry-based learning into everyday life of children



early childhood and primary school teachers in early childhood education and care centres and primary schools

Organise and coordinate local professional development workshops

conduct local workshops for educators and teachers

Pilot institutions

Local network partner

searches and provides

Trainers

support

initiates

Professional development workshops & training observation

"Haus der kleinen Forscher"
Main office in Berlin

Provides concepts, content and pedagogical resources
Quality management

Approx. 2.3 million children visit participating early childhood education and care centres and primary schools



225 network partners take care of propagating the services. They reach **91%** of all early childhood education and care centres, **84%** of all afternoon care centres and **67%** of all primary schools.



More than 65.000 educators and teachers from **28,600** institutions have already participated in the Foundation's advanced trainings.



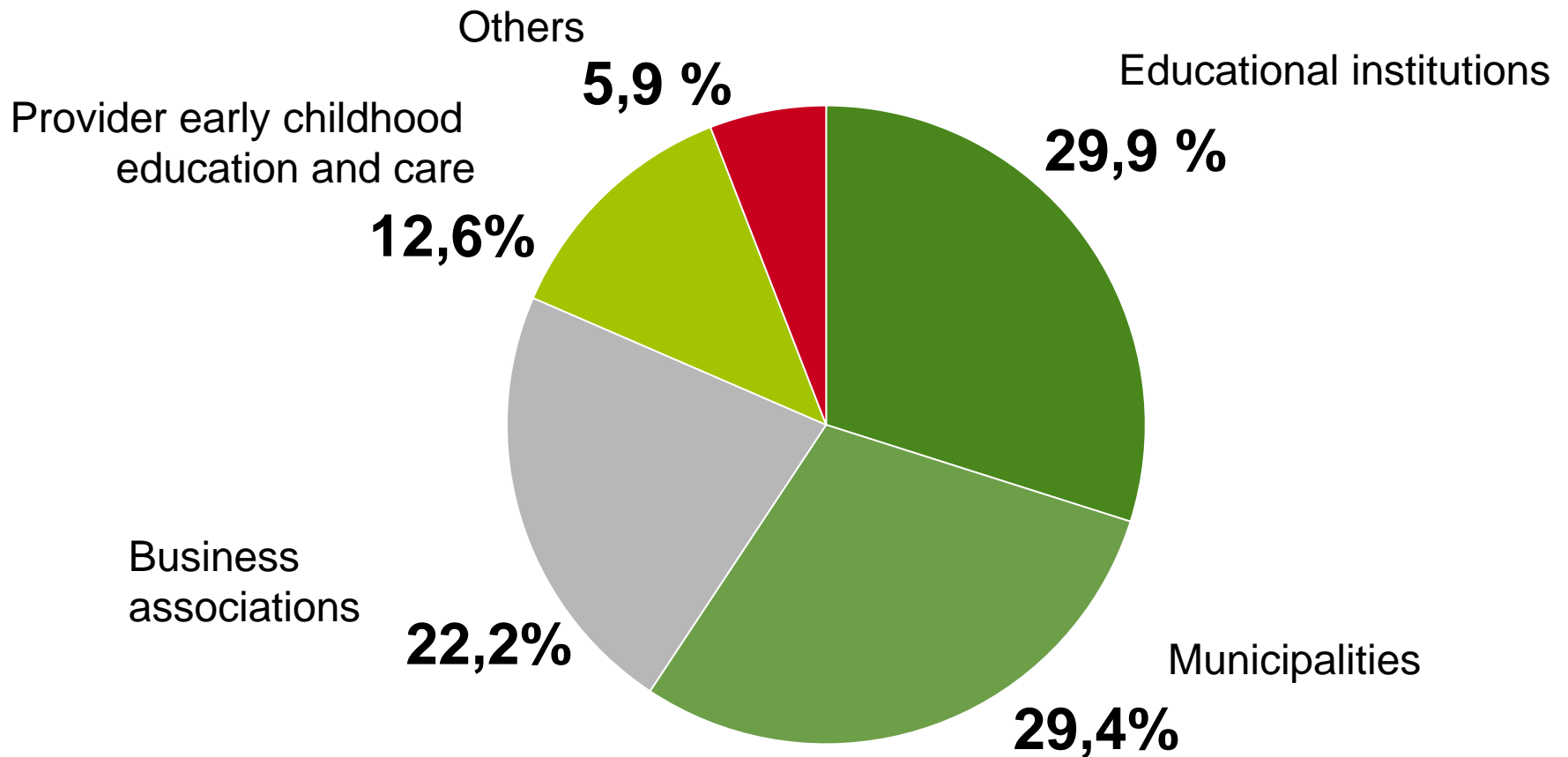
More than **4,800** institutions have been awarded the “Haus der kleinen Forscher” certificate.



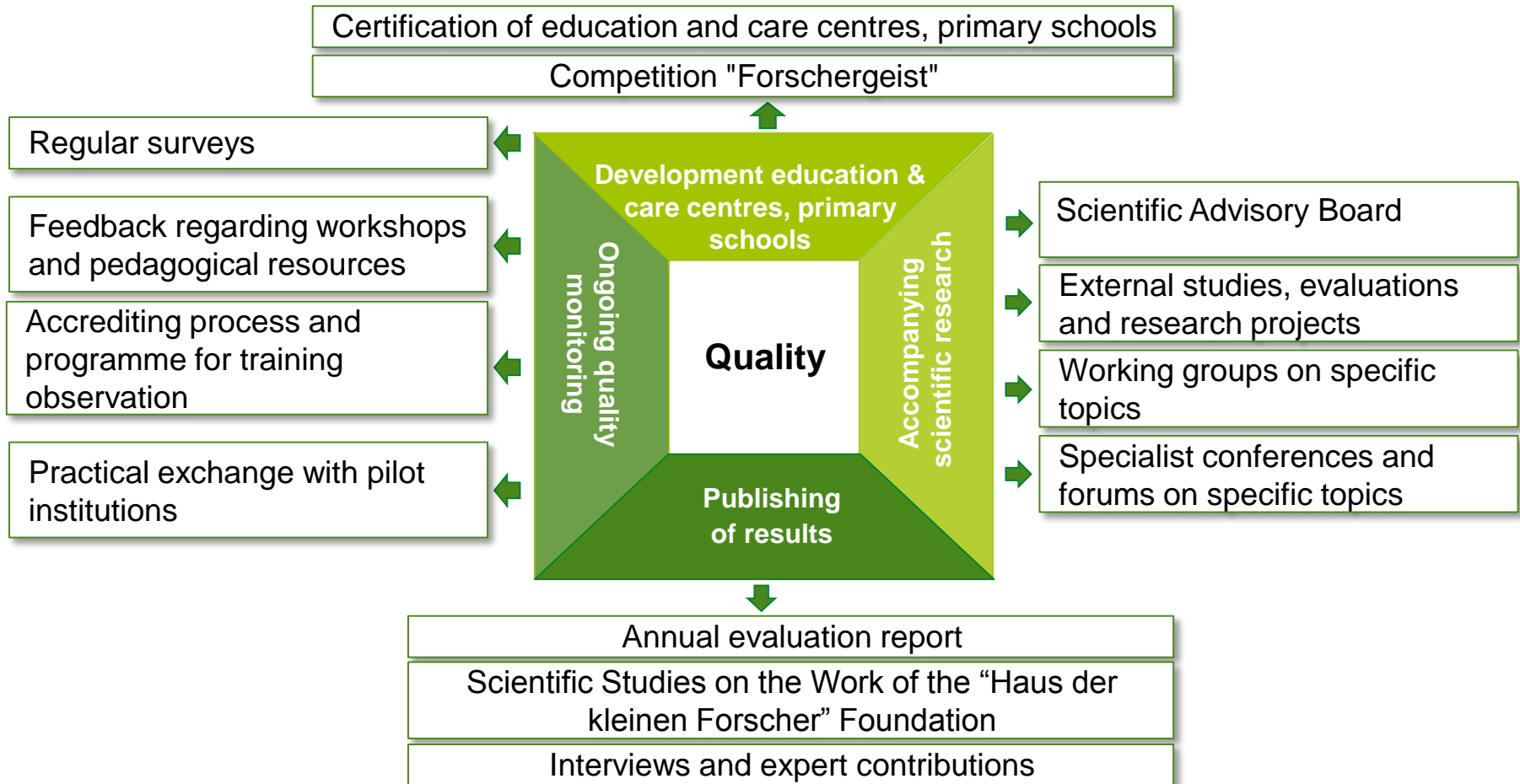
632 trainers provide professional development trainings to educators and teachers.

Last updated:
VI/2017

Types of network partners



Scientific research and monitoring is a key element of the Foundation's work.



The Foundation's Vision



Questioning – Inquiring – Shaping the Future



Every child in Germany has the chance to **inquire and explore the world** in a „Haus der kleinen Forscher“ .



Children are encouraged to **think self-determined and act responsibly** – making them **strong for the future**.



By fostering **early education** the „Haus der kleinen Forscher“ Foundation supports children to **find their way** in a **world that is constantly changing**.

Children and adults further develop their competences by investigating together.

■ Children

■ Educators and Teachers

Understand basic concepts

Knowledge of natural, mathematical, technological concepts and phenomena

Professional self-image and understanding of role

Inquiry process and problem solving

self-efficacy
"I can do!"

Enthusiasm: investigating together with children

Enthusiasm, curiosity, interest

Pedagogical strategies

Inquiry process and questioning

They key to natural sciences and technology is curiosity and enthusiasm.



Topics according to Germany's Federal State's curricula

Learning Opportunities: Different educational offerings depending on needs

Workshops



Online Learning



Educational Events



Certification



Learning Opportunities: Online Learning – flexible and at your own pace



Online-platform



Pedagogical Materials



Magazine Forscht mit!



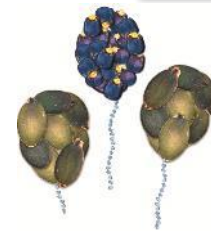
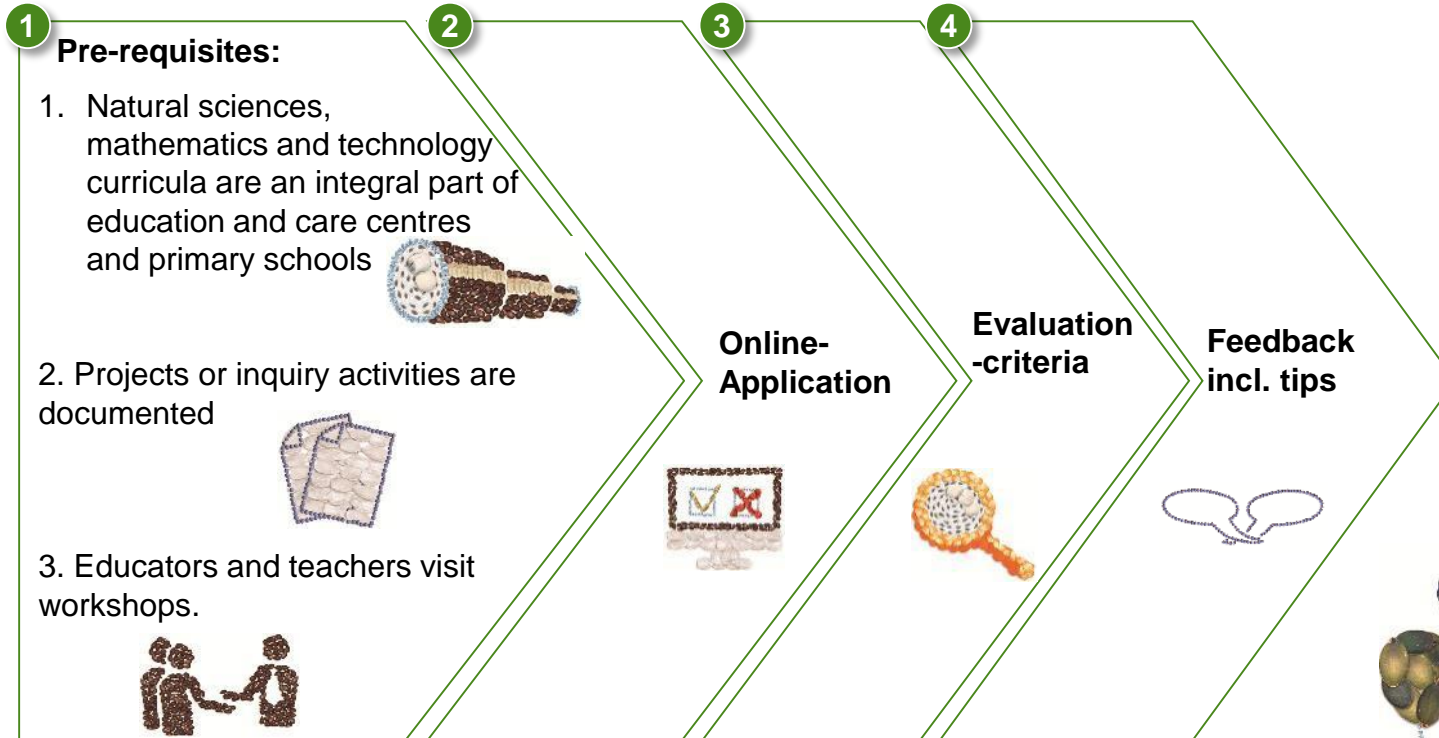
Forschergeist



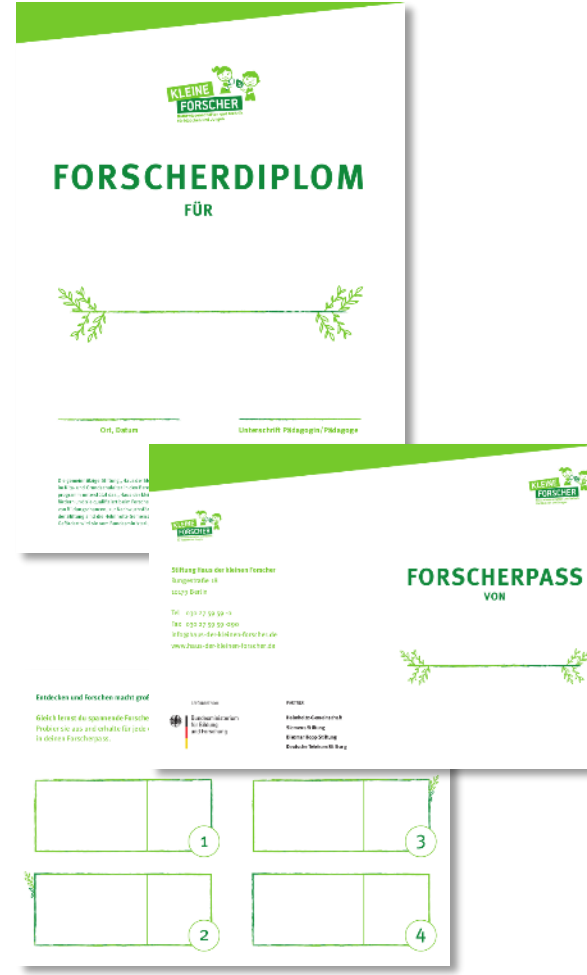
- Campus+
- Service-Portal Integration
- www.meine-forscherwelt.de

- Brochures
- Tipps for educators and teachers
- Cards

Certification of education and care centres and primary schools.



Little Scientists' Day on various topics.



Current Support Programme for trainers

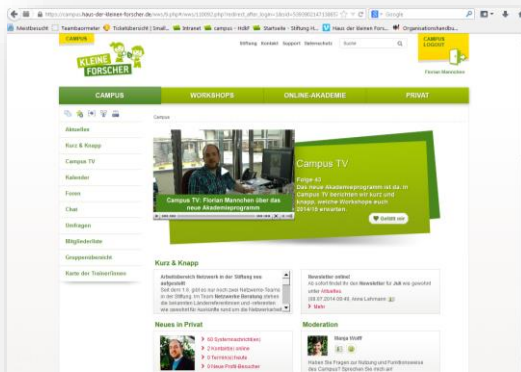


Hotline -150

Handbook



Visits & Videocoaching



Online-Campus

Trainer convention



CPD courses

Current / recent developments



- **Education for Sustainable Development**
- **Context of refugee and migrant children**

- **CPD courses for institutional leaders**

- **Shift from output- to outcome- / impact-orientation**
- **Quality in trainer education**
- **Expansion of digital learning opportunities (Blended learning)**

Thank you!





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