# **Universe Awareness:** Inspiring Every Child with Our Wonderful Universe

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### UNAWE uses the perspective, inspiration and fun of astronomy to:



Introduce young children from disadvantaged backgrounds to the excitement of science;

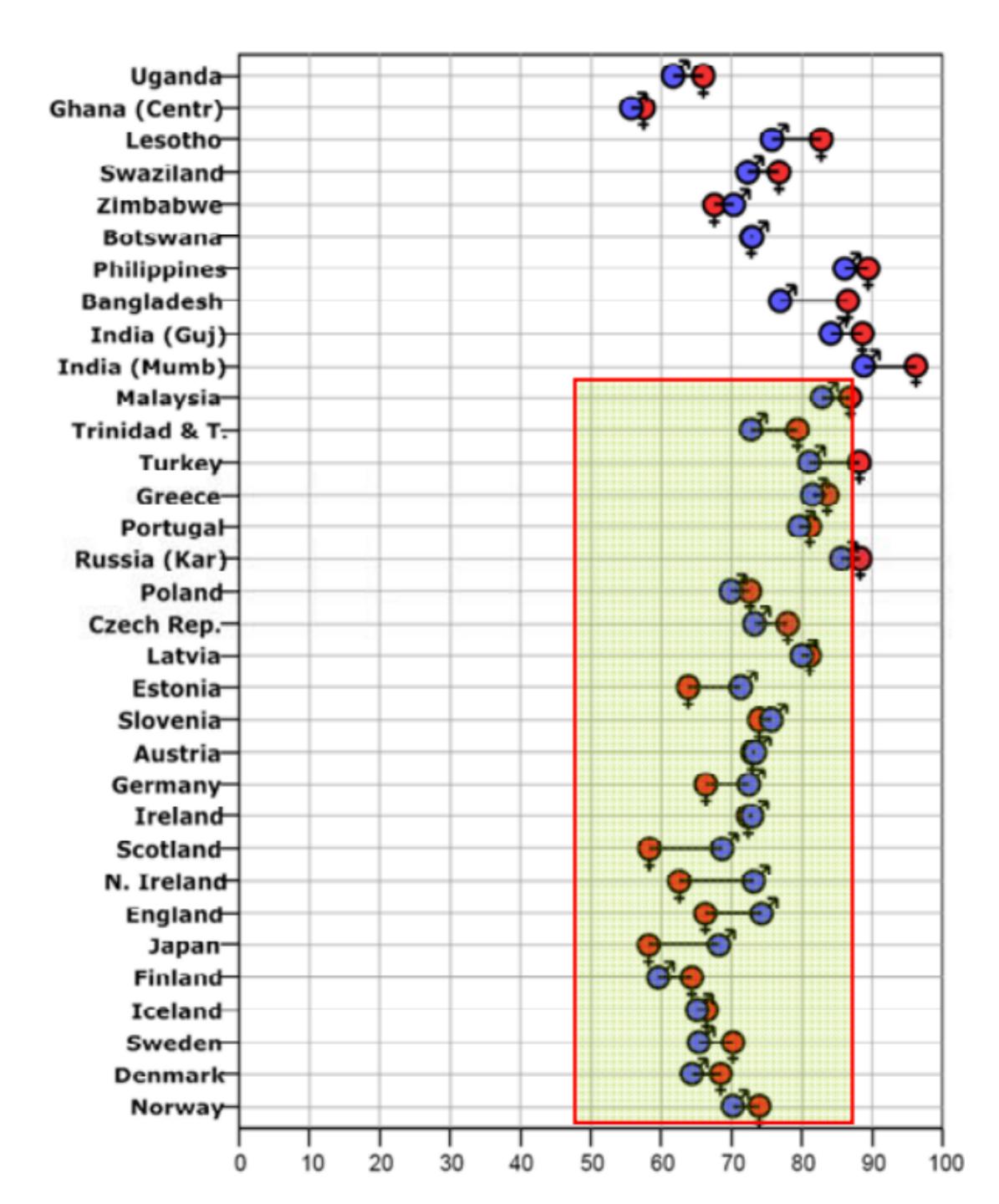


Enhance their understanding of the world and demonstrate the power of critical thinking;





Broaden children's minds;



# 

### Space (life, wonder, openness) is the most popular subject (for girls and boys)

- Relevance of Science Education, Elster et al., 2010

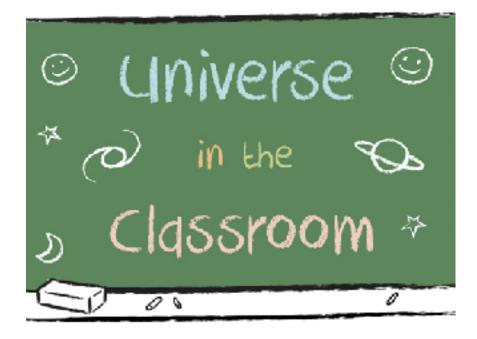
### **Universe Awareness**



#### International Network



#### **Educational** Resources



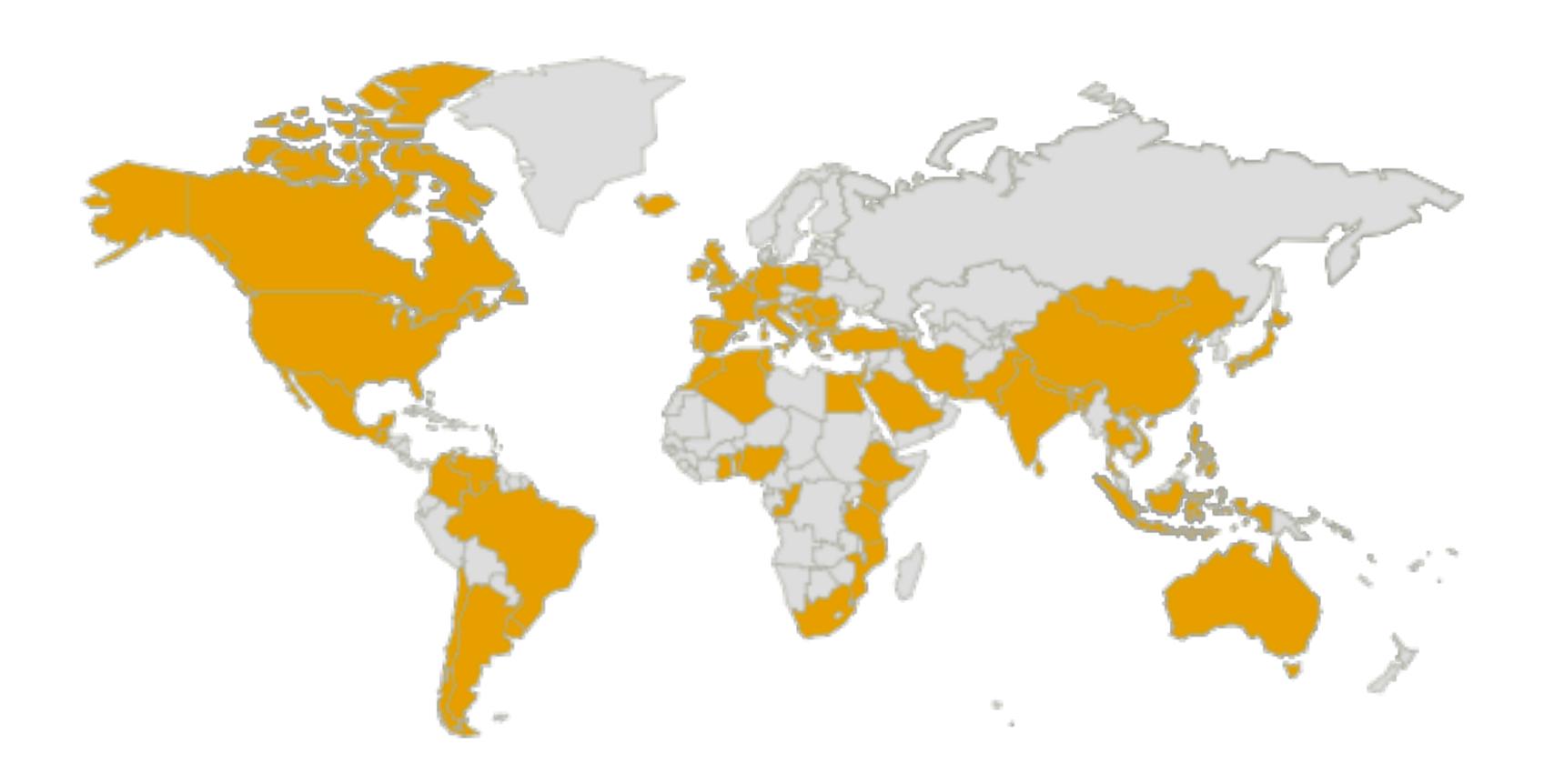


#### **Evaluation**

### **Teacher** Training



# International Network



**61 Countries.** 

1000+ Educators, Teachers & Astronomers.

# Approach I: Open Education: Open Resources

Open Education: Open Source +



### UNAWE Educational Resources.

Open-source Resources (Creative Commons license)

100+ educational resources (from activity plans to books) in 23+ languages

Science Magazine's SPORE (*Science Prize for Online Resources in Education*) Award in 2011

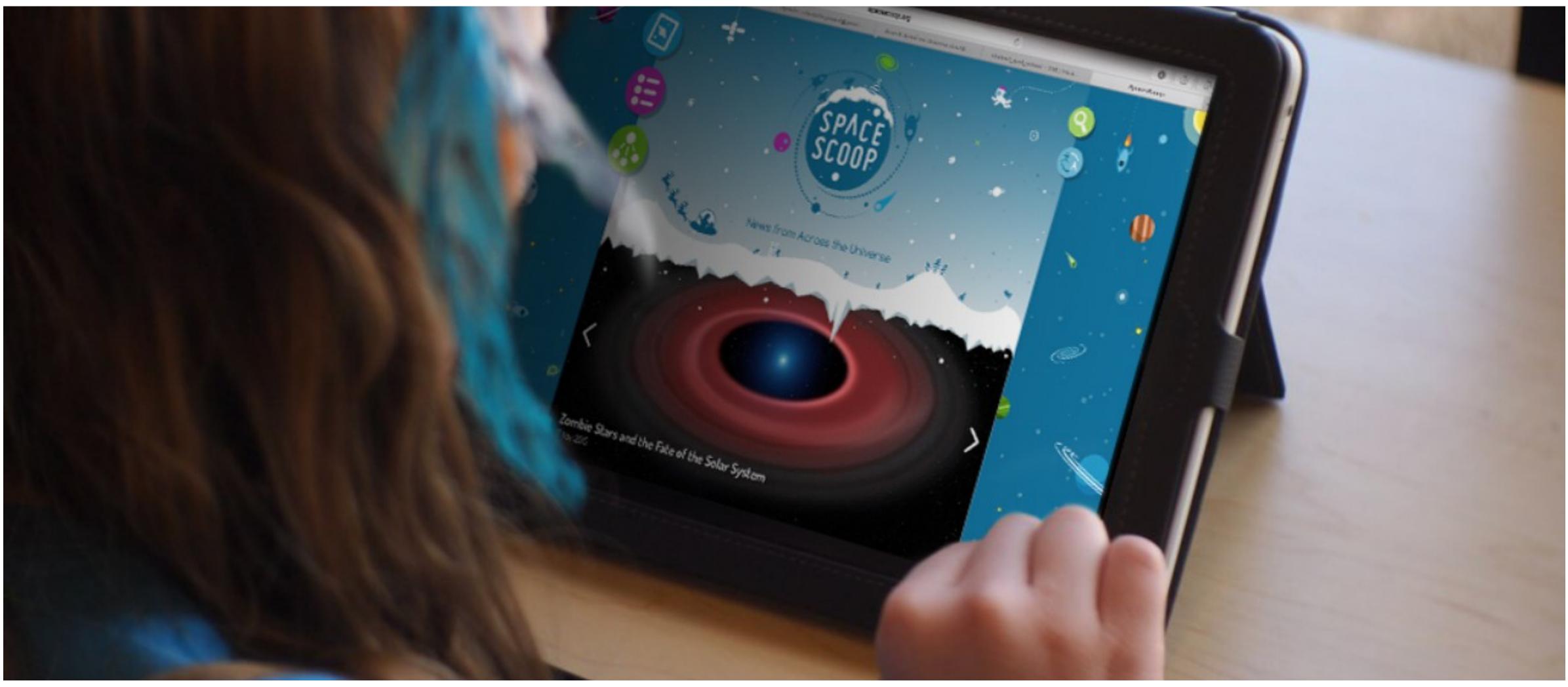


## **Cosmos in Your Pocket**

in 17 languages, 21 000 distributed.





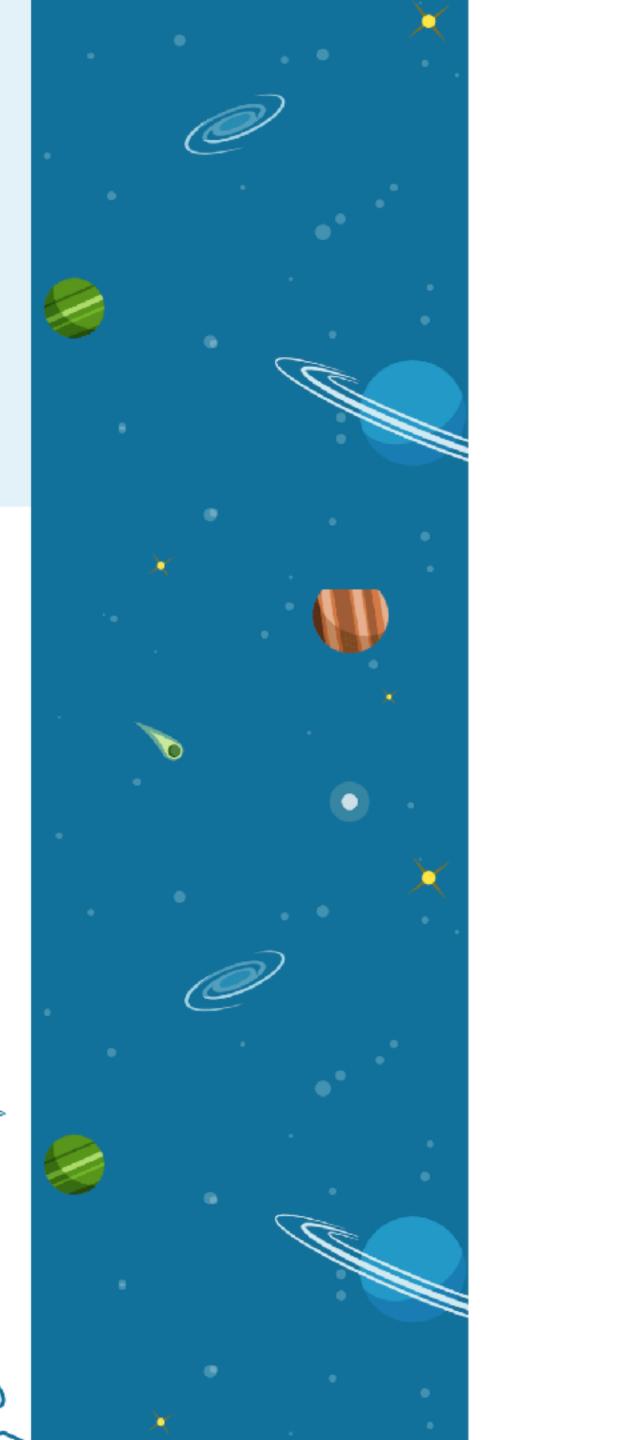


# Space Scoop

Latest news from ESO, ESA, NASA in a children friendly language (in 22 languages)









## Universe in a Box

Educational kit to assist teachers and educators in bringing astronomy and space sciences to 4-10 year old children around the world.

Low-cost materials

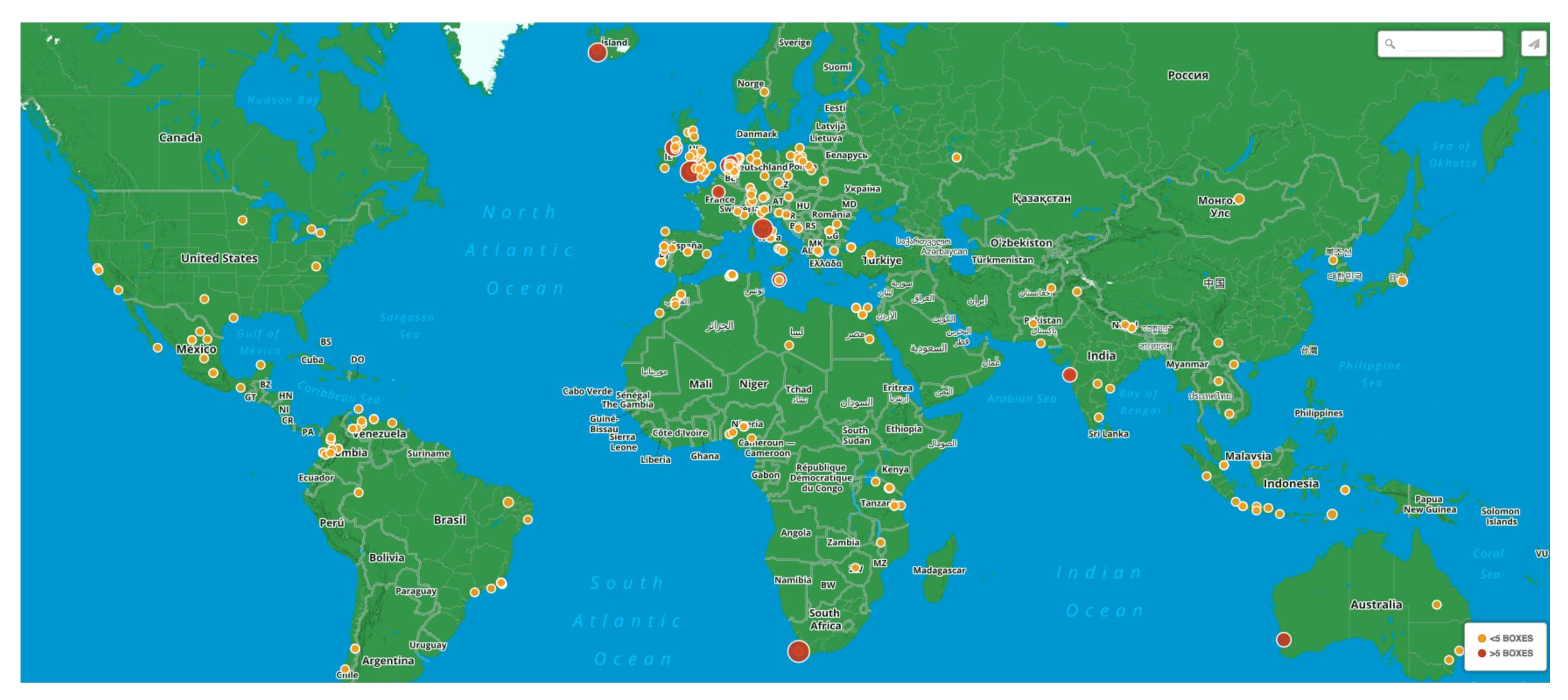
Easy to reproduce

**Best European Science Educational Resource 2015** 



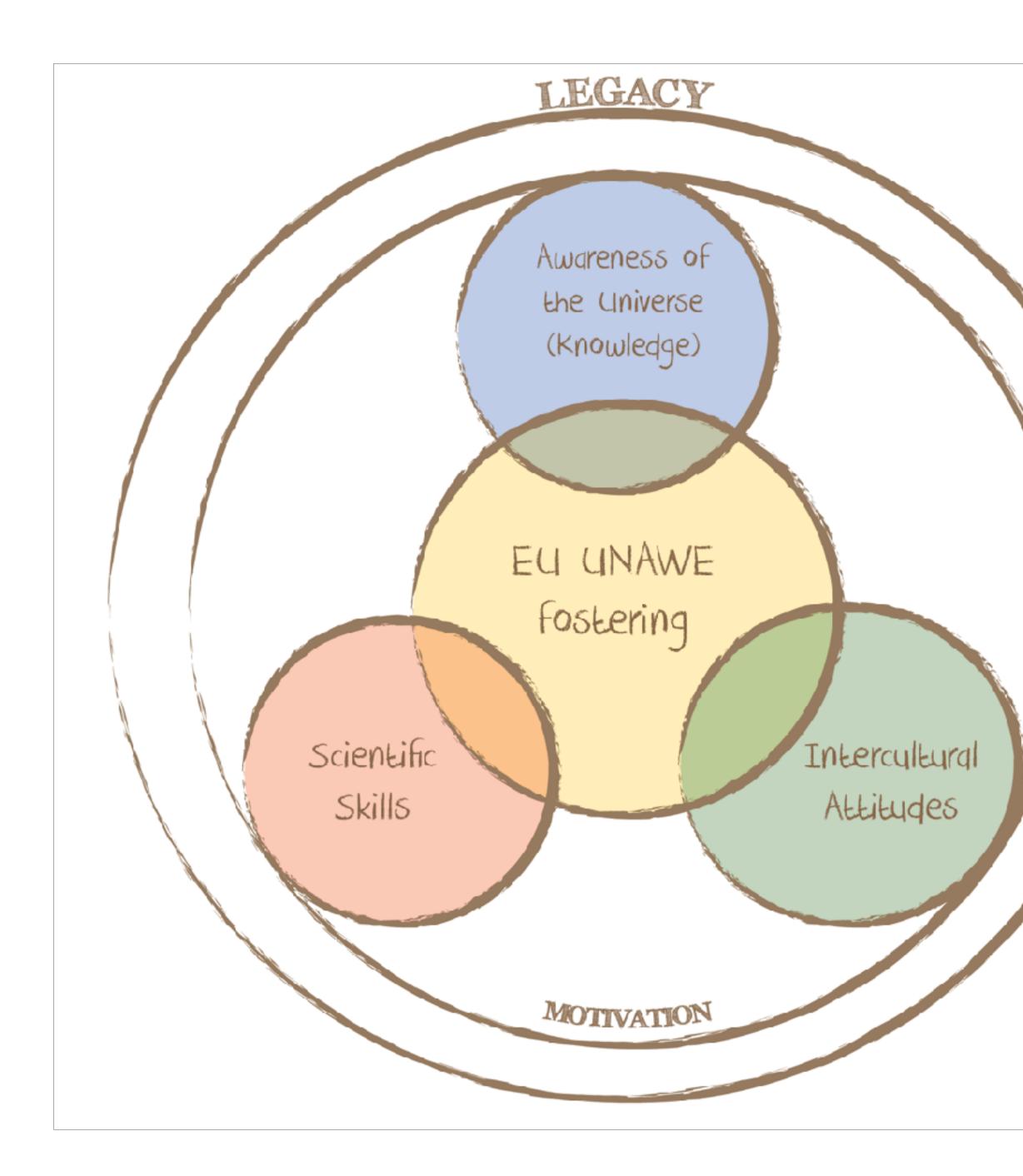
# Approach II: Co-creation, localization and building on local capacity.





### Universe in a Box around the world

Distribution of 1000 boxes to 1000 primary schools



### UNAWE Evaluation Framework

Based on Generic Learning Outcomes









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