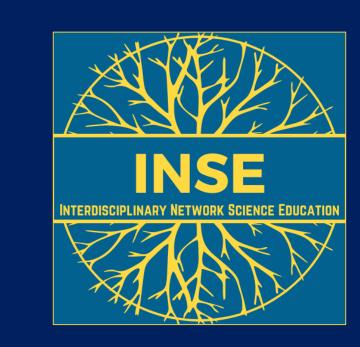
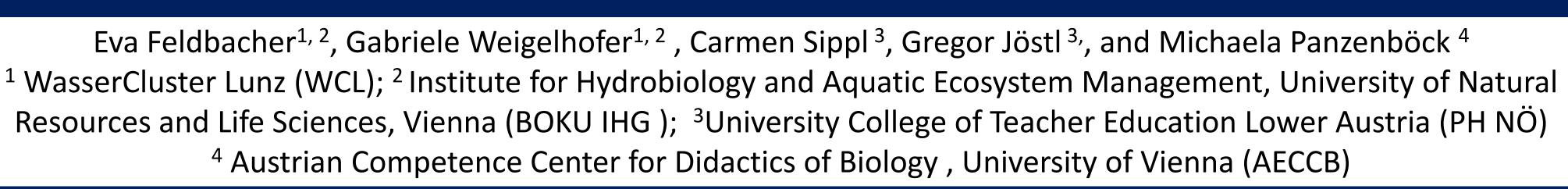


### Joining efforts to improve Science Communication and Science Education – a new Austrian partnership project





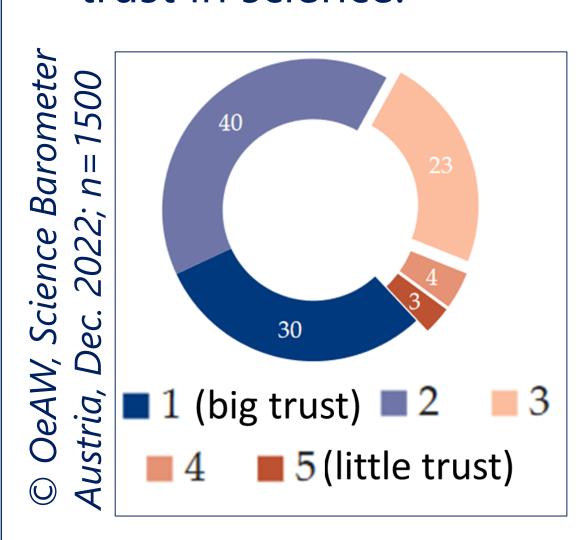


#### PARTNERSHIP PROJECT "INSE"

Interdisciplinary Network for Science Education Lower Austria

## Problem definition: High science skepticism in Austria

❖ 30% of Austrian citizens have limited trust in science:



#### PLUS

- Limited interest in science
- Limited understanding of how science works

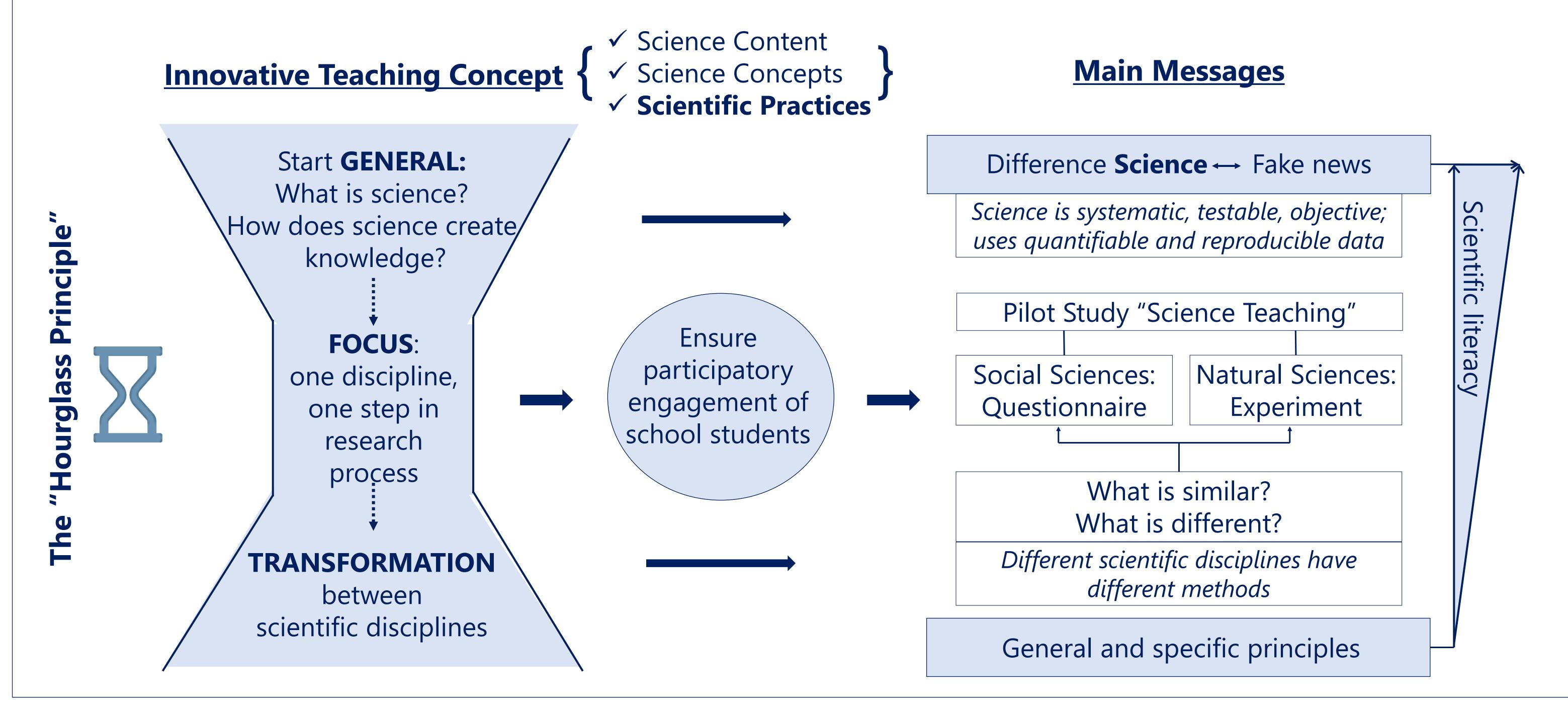
# Solution approach: Joining efforts

- Establish interdisciplinary network of partners from different research disciplines, education, schools, and administrative authorities & expand it
- Develop teaching tools for science education, bring them to schools and test them
- Use innovative forms of science communication
- Develop joint research proposals

# Project Aims: Improving scientific literacy

- Raise school student's and the public's understanding of science
- Correct misconceptions about science
- Promote science education at schools
- Strengthen the belief in the benefits of science
- ❖ Foster contact between science and schools/teacher training/adult training

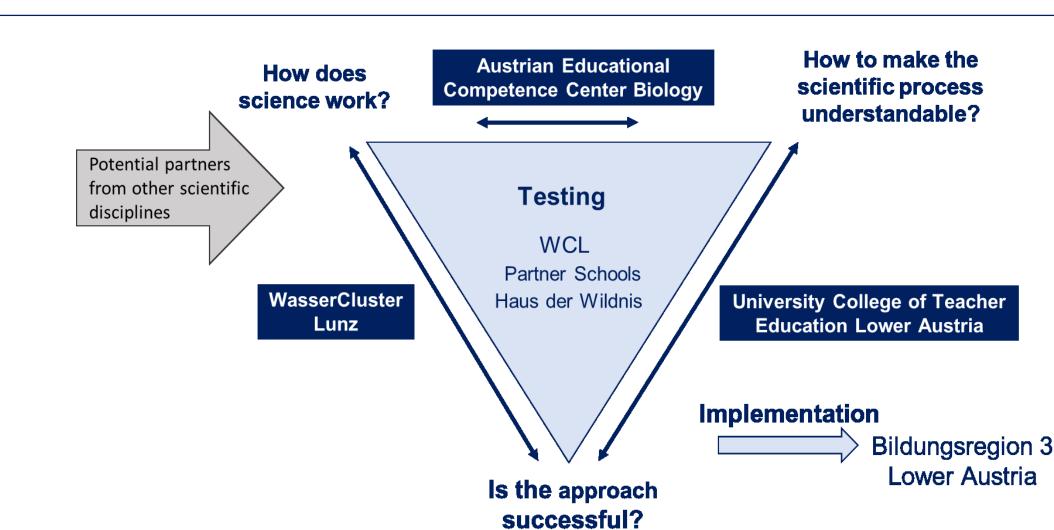
### PILOT STUDY: Explaining the scientific process by an interdisciplinary approach



Accompanying research study:

Evaluate effectiveness of teaching concept by using quantitative and qualitative methods (triangulation with questionnaire surveys, interviews, focus groups and lesson studies) to study school students' (1) satisfaction, (2) knowledge gain, and (3) behavioral changes (Kirkpatrick & Kirkpatrick, 2006)

Core Team Key Tasks



#### We would like our network to grow and evolve!

Do you want to contribute to an improved science education?

Are you part of an initiative interested in innovative ways of science education and science communication and want to collaborate and exchange ideas with like-minded people?

Have you already developed teaching material for science education and do you want to share it?

Get in Touch!

www.science-education.at





