

## Our Aim

To support science and mathematics teachers in:

1. Delivering inclusive education and basic skills for all and thus address underachievement
2. Promoting fundamental values and enhancing active citizenship
3. Promoting intercultural learning

In order to reach this aim, MaSDiV will design and run a professional development course.

The course will be rigorously evaluated using a multimethod research design.

## Mathematics, Science & Fundamental Values

Examples for questions:

- Should genetic engineering be used in agriculturally developing countries?
- How should a state health care system be calculated?
- Should measles vaccination be obligatory?



## Mathematics, Science & Intercultural Learning

Examples for questions:

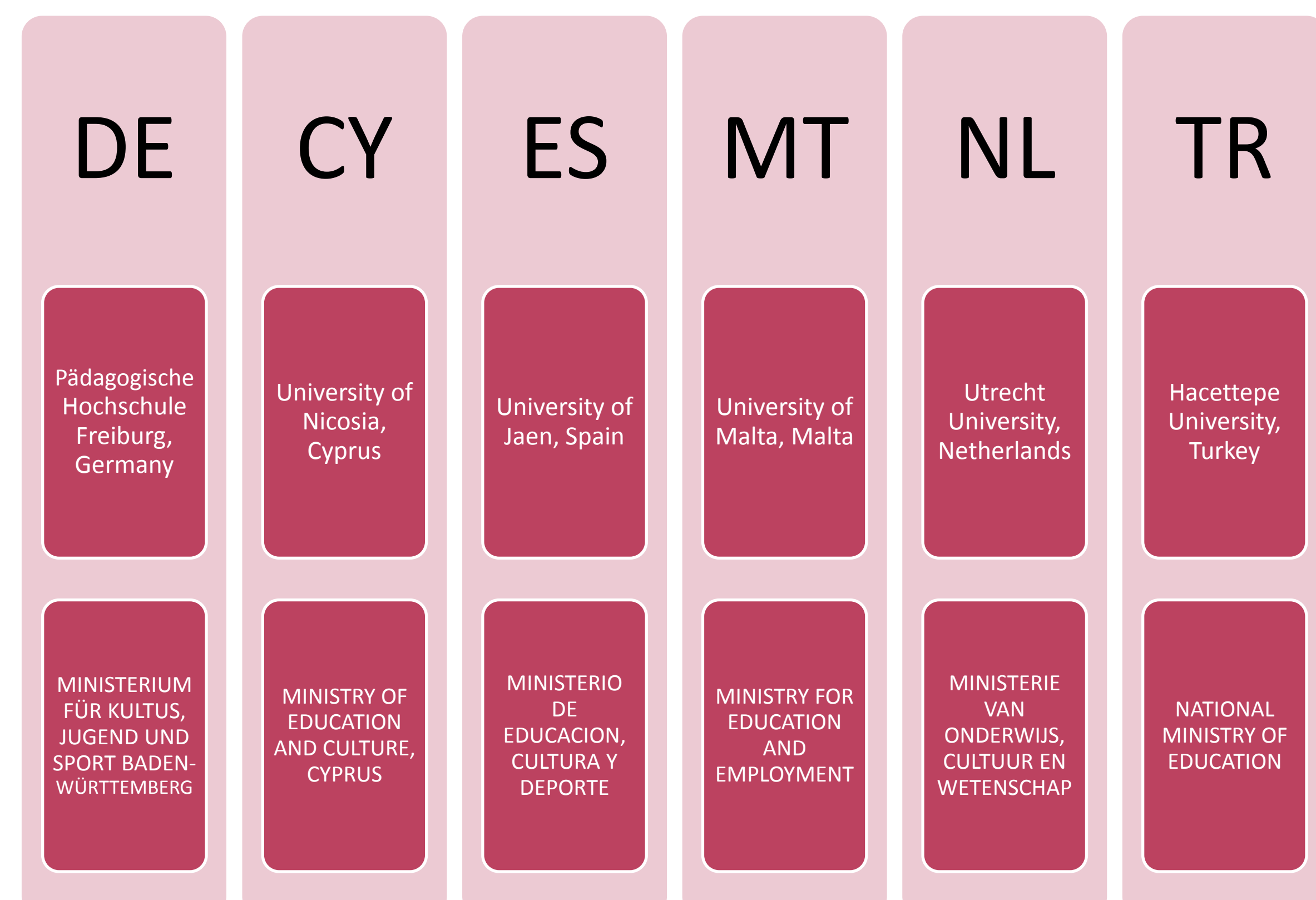
- What different algorithms do students of different cultural backgrounds use for calculations?
- Can the context of a word problem be understood by students from different cultural backgrounds? (e.g. the context „traffic jam“)
- How can intercultural learning emerge out of these questions?



## The Project Team

An important feature of MaSDiV is unparalleled tandems:

In each country, Ministries of Education, who lead the measure and set the frame for implementation, are paired with university experts that conceptualise and deliver science and mathematics teacher PD.



## The European Impact Board

The project team will be supported by a European Impact board, consisting of five additional ministry-university tandems and representatives of important networks.

