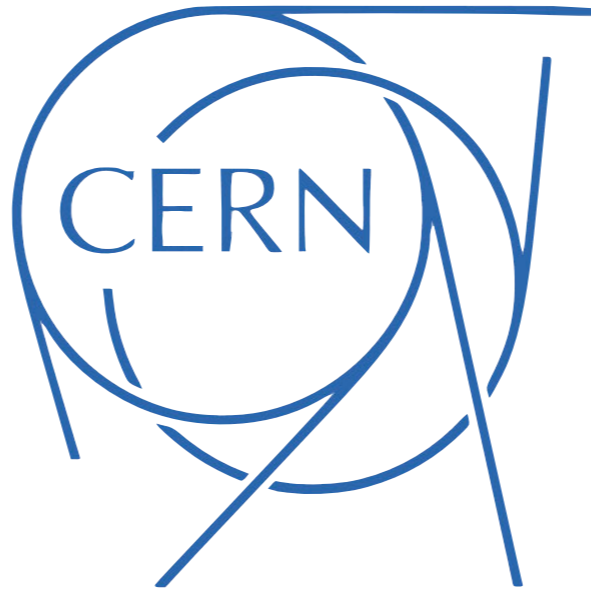




# Programme Objectives

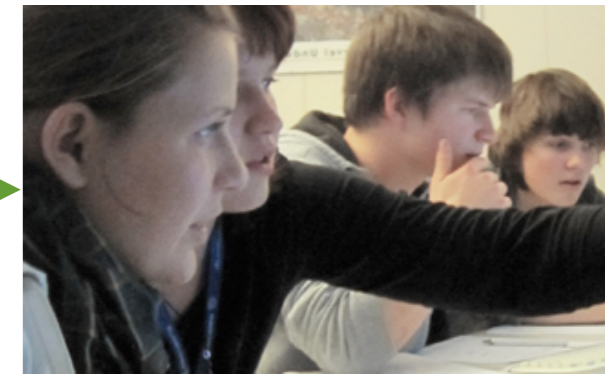
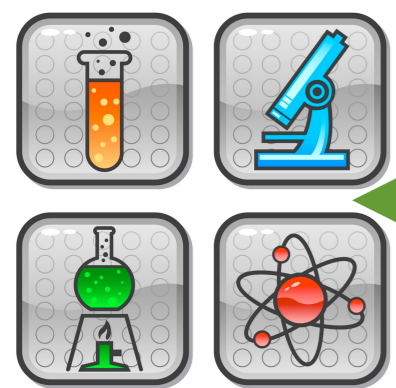
Konrad Jende, UK Teacher Programme 2014



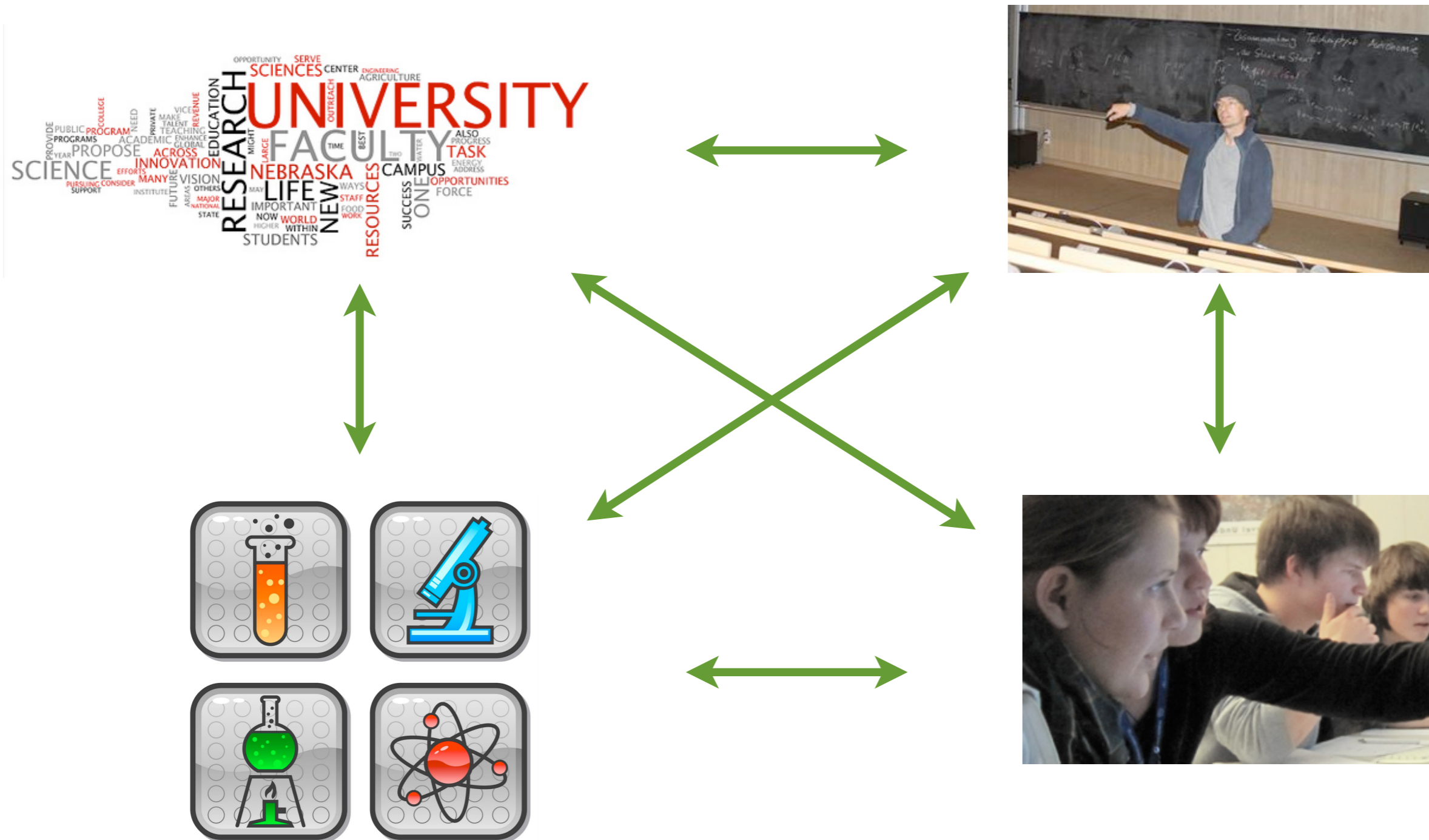
# Programme Objectives

Konrad Jende, UK Teacher Programme 2014

# How to bring modern science into classroom?



# How to bring modern science into classroom?



# We need you!



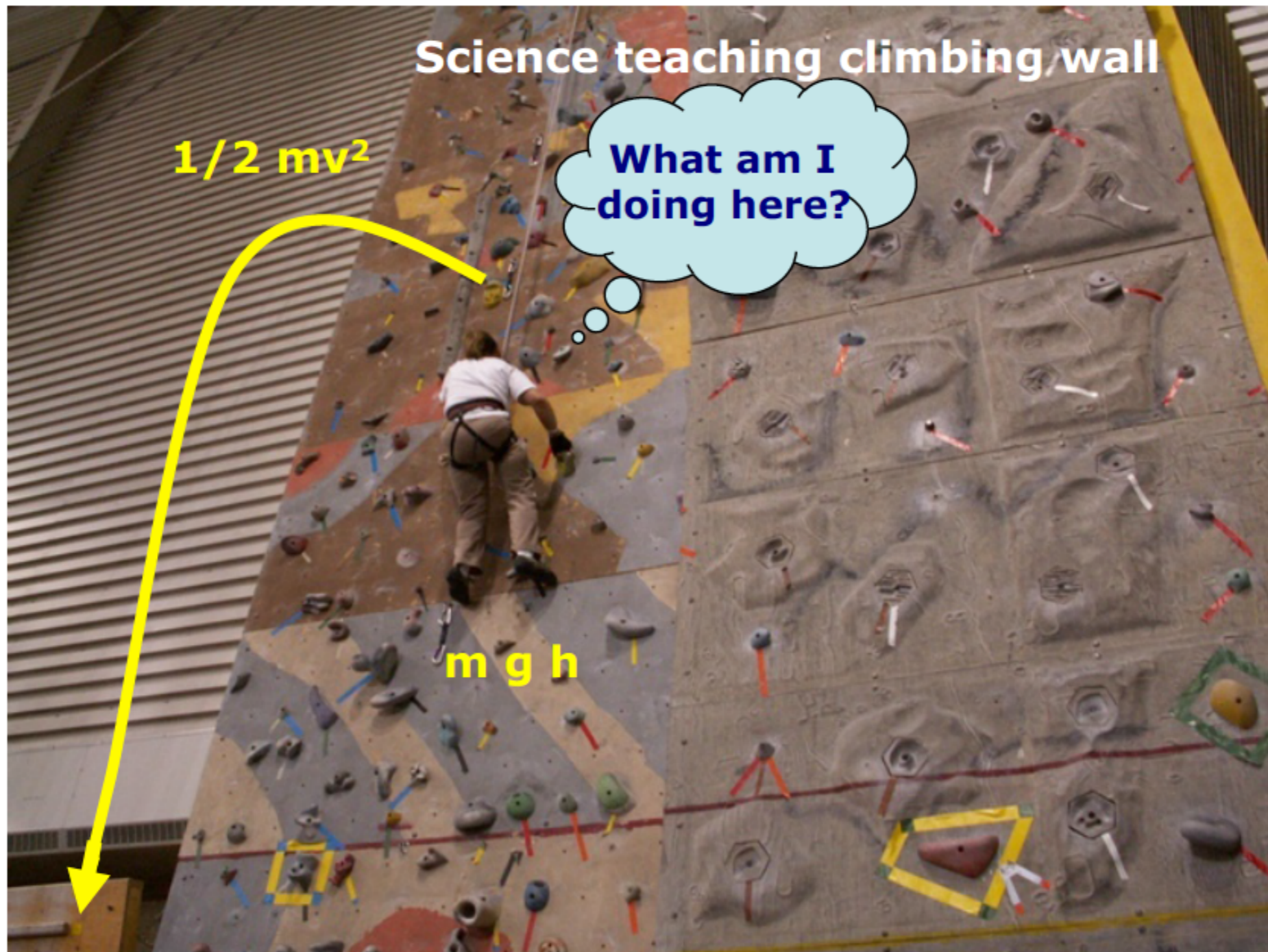
# Our objectives

- Raise and Maintain the interest of students in moderns science
  - Motivate them to continue scientific education at school
  - help them to better understand the physical world
- Instil a feeling of mystery and discovery potential
  - Motivate students to study science/engineering at universities
- Improve scientific literacy
  - Prepare the future generation of scientists/engineers

# How researchers view science



# How students view science



# Take students on a sight-seeing tour



Link modern physics to school curriculum

# CERN's Teacher Programmes

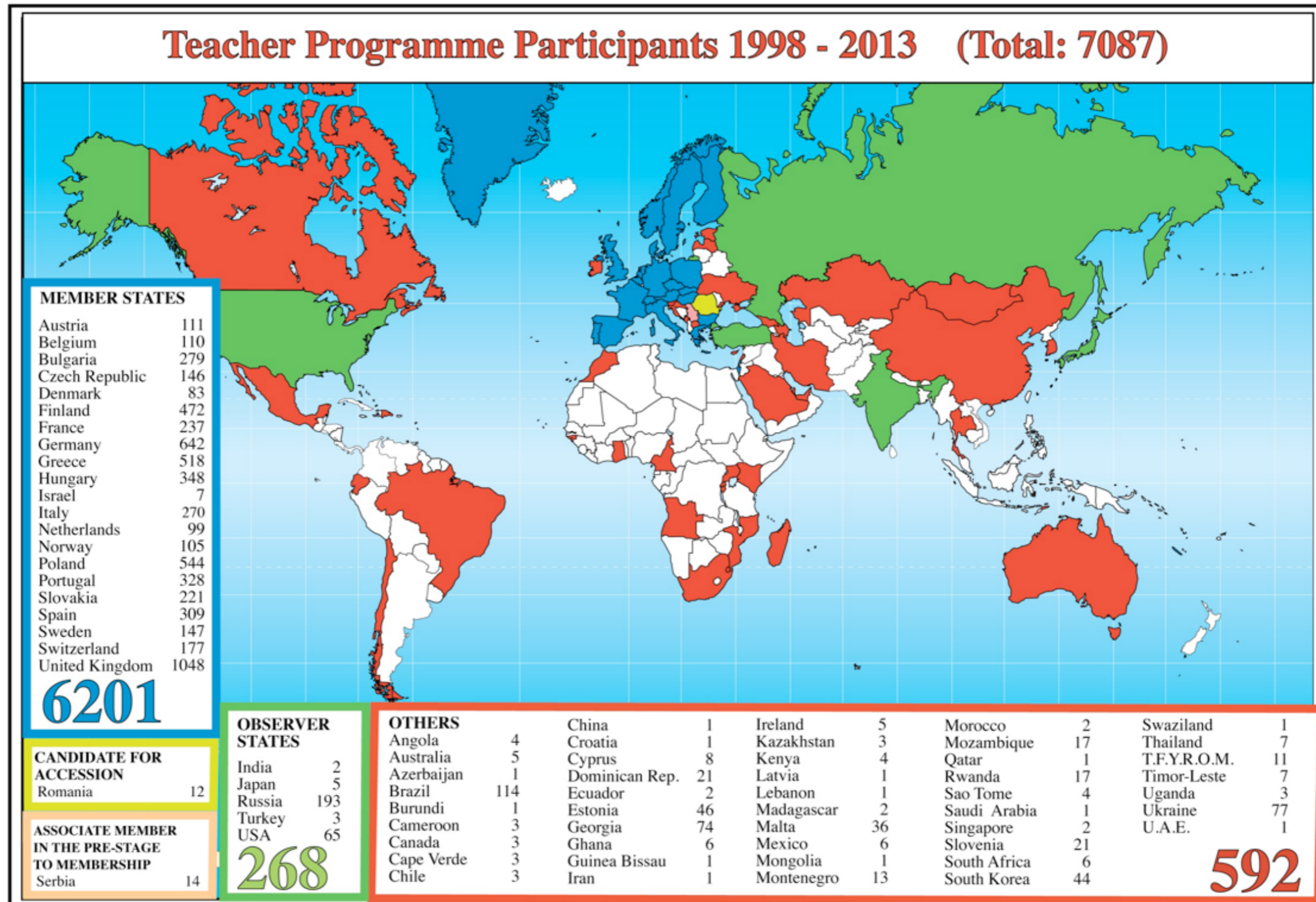


# CERN's Teachers' Programmes

- (1) 2 days to one week long national teachers' programmes (NTP) in native language
- (2) three week long High School Teachers Programme (HST) in English

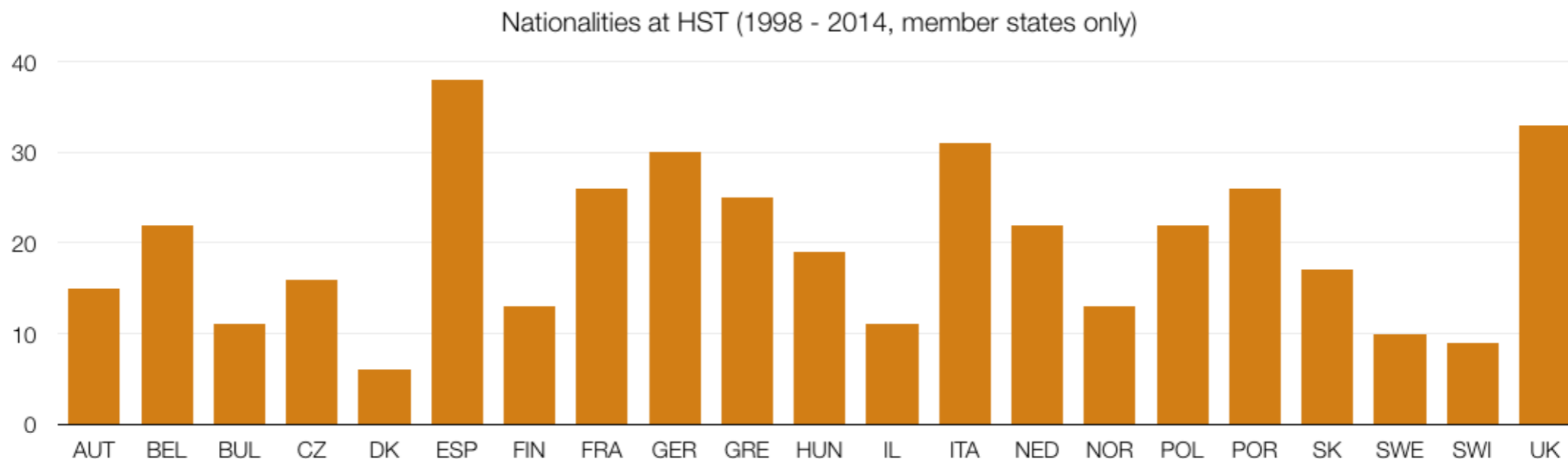
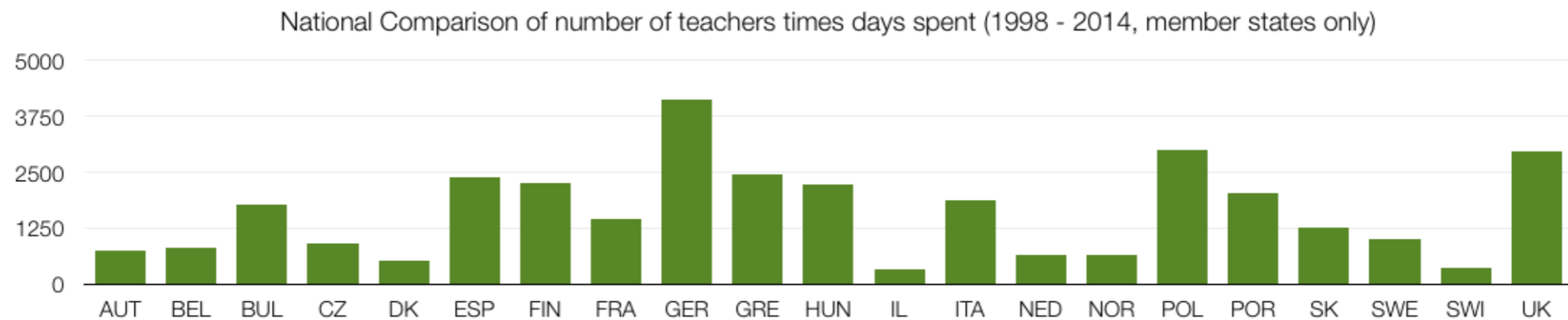
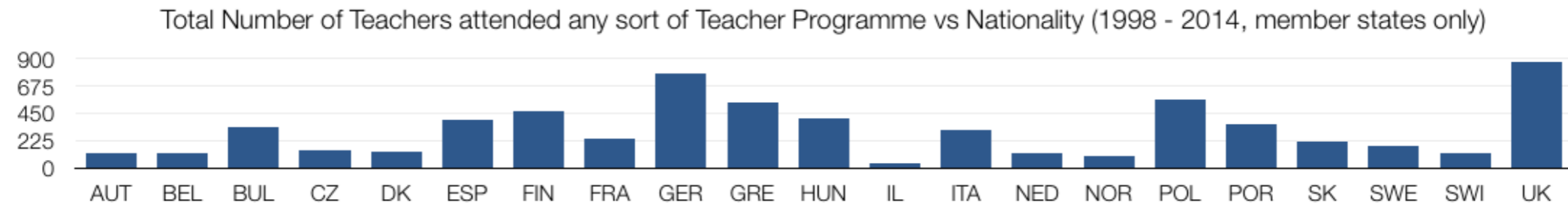
# CERN's Teachers' Programmes

## Stats 1



# CERN's Teachers' Programmes

## Stats 2



# Outcome and To-Do-List

- newly inspired, motivated and confident teachers
- inspiring and motivating teachers
- Share your experience with your students!
- Share your experience with colleagues!
- Share your experience with the general public!
- Act as ambassador for science/engineering in general and particle physics in particular
- Organize follow-up activities
- Promote our programmes

# Any questions?



Konrad Jende - [konrad.jende@cern.ch](mailto:konrad.jende@cern.ch)

33-R-010 +41 76 487 0246