

Martin-Luther-Schule Marburg

ERASMUS+



Marburg

80 000 citizens

~1h / 80 km from Frankfurt

1150 km from Terrassa



Martin-Luther-Schule

- founded in 1838
- today ~1100 students
- age 10 - 18 (year 5 - 13)



Main fields of focus:

- Music
- MINT (**m**athematics, **i**nformatics, **n**atural sciences and **t**echnology)
- Languages



Some projects and activities:

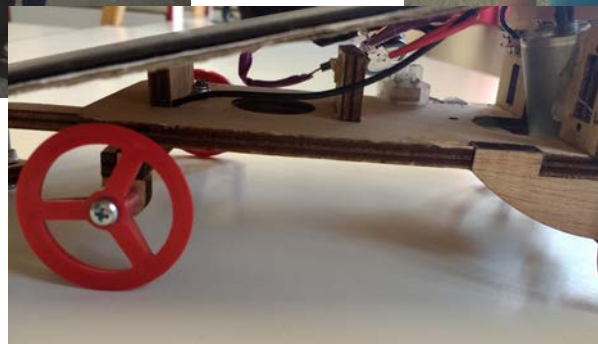
- Kinderkulturkarawane
- Schule ohne Rassismus
- Erasmus+ 😊



MLS Solar-Group



We are creating and building solar cars for the solar cup Kassel.



SolarCUP

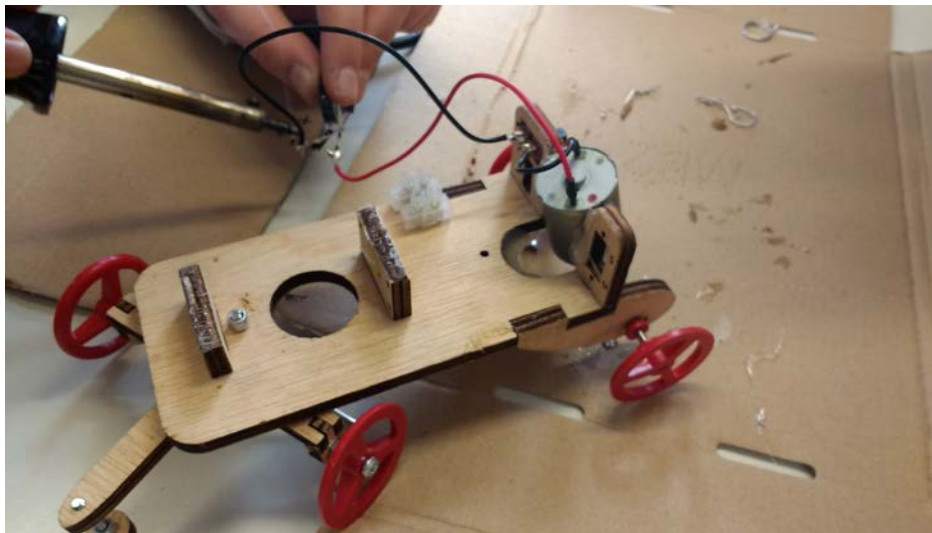


The solar cup Kassel is a race of solar cars, which are self built and developed by students from different schools, that takes place in the German city Kassel. It is organised by the university of Kassel.



Our solar car

We already built the electronic components and now we are creating the chassis. The car at the picture has got our motor and solar plate but the chassis is a kit.



The Questionnaire



Four Parts:

- 1) General information
- 2) Ecological sustainability – Here and Now
- 3) Ecological sustainability – Future
- 4) Integration

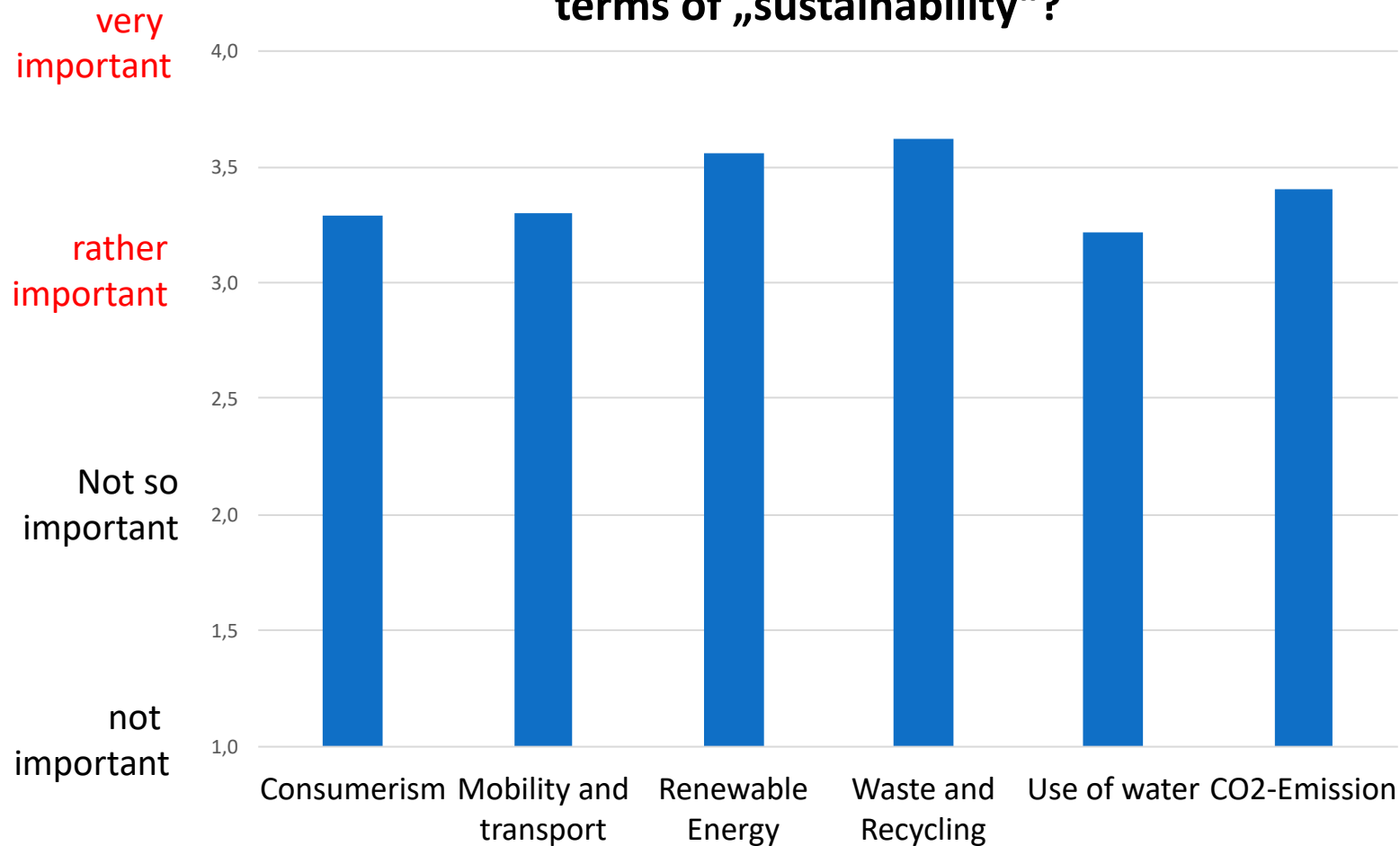
The questionnaire consists of four parts, each on a separate page:

- Page 1: (A) Allgemeines** - General information including age, gender, and postal code.
- Page 2: (B) Umwelt und Nachhaltigkeit - Ist-Zustand** - Questions about the importance of various sustainability topics (e.g., climate change, energy, waste) and current behavior.
- Page 3: (C) Umwelt und Nachhaltigkeit - Zukunft** - Questions about future sustainability goals and actions.
- Page 4: (D) Integration** - Questions about how sustainability is integrated into the school curriculum and extracurricular activities.

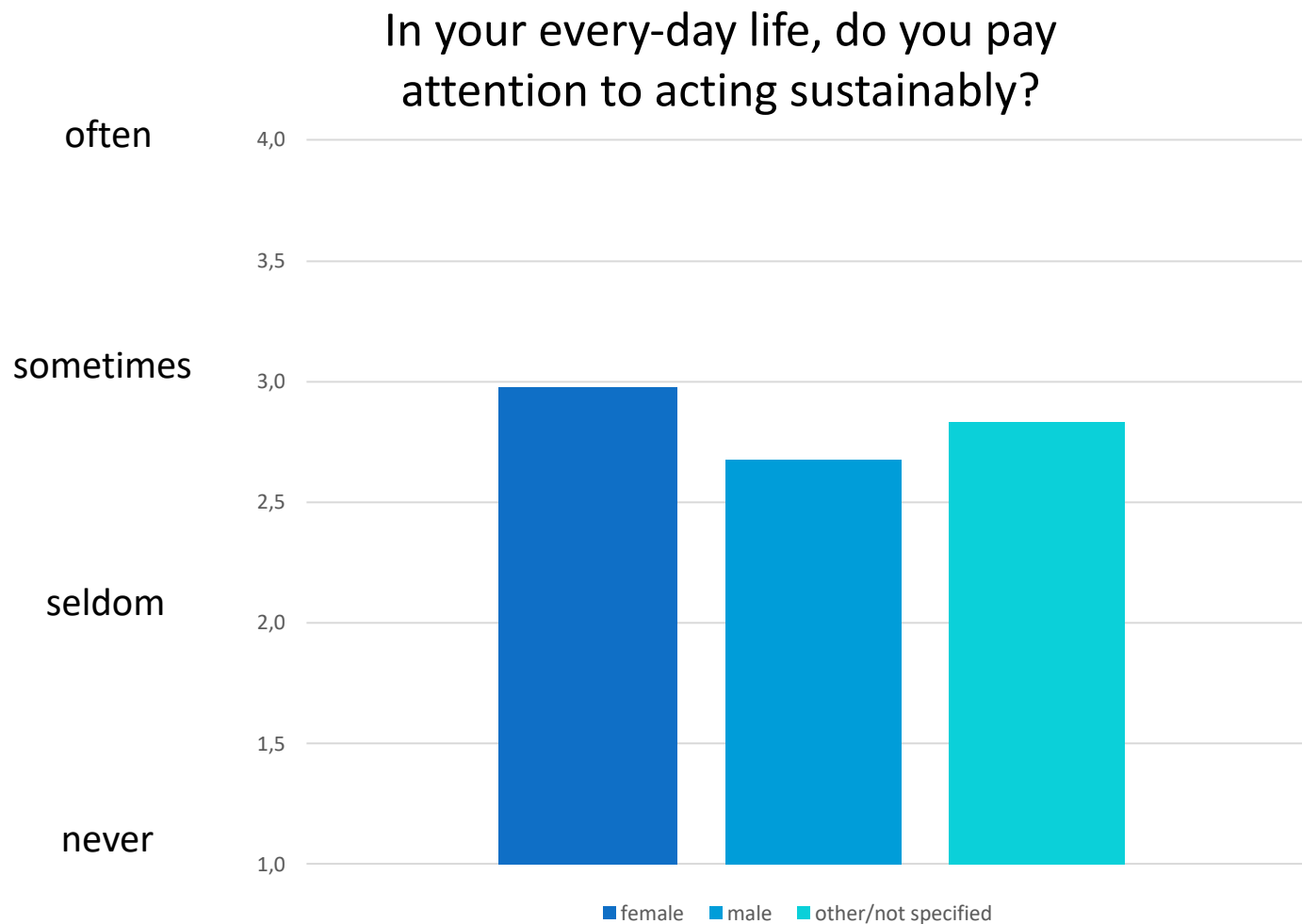
Ecological sustainability – Here and Now



**How important do you think are these topics in
terms of „sustainability“?**



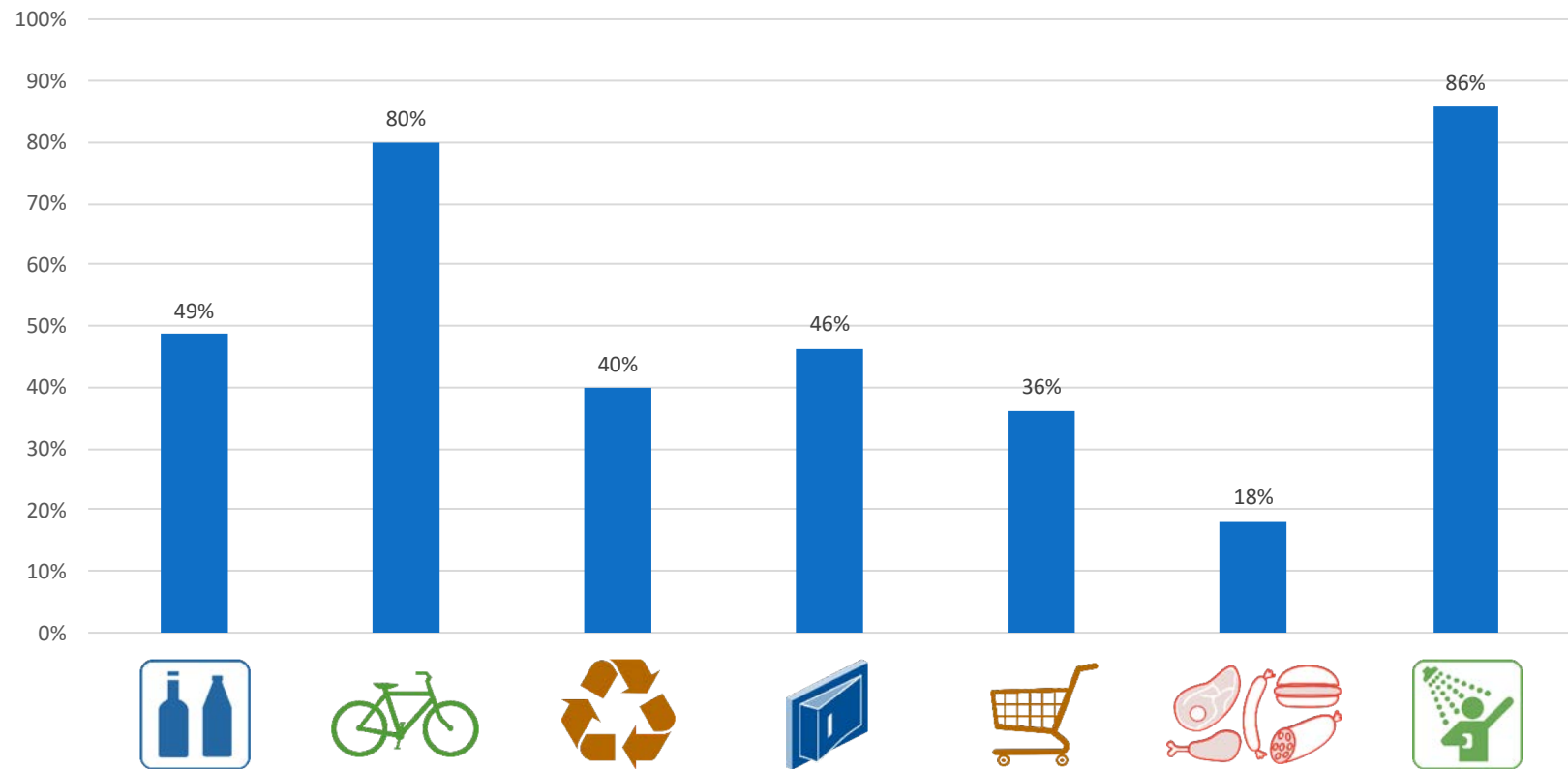
Ecological sustainability – Here and Now



Ecological sustainability – Here and Now



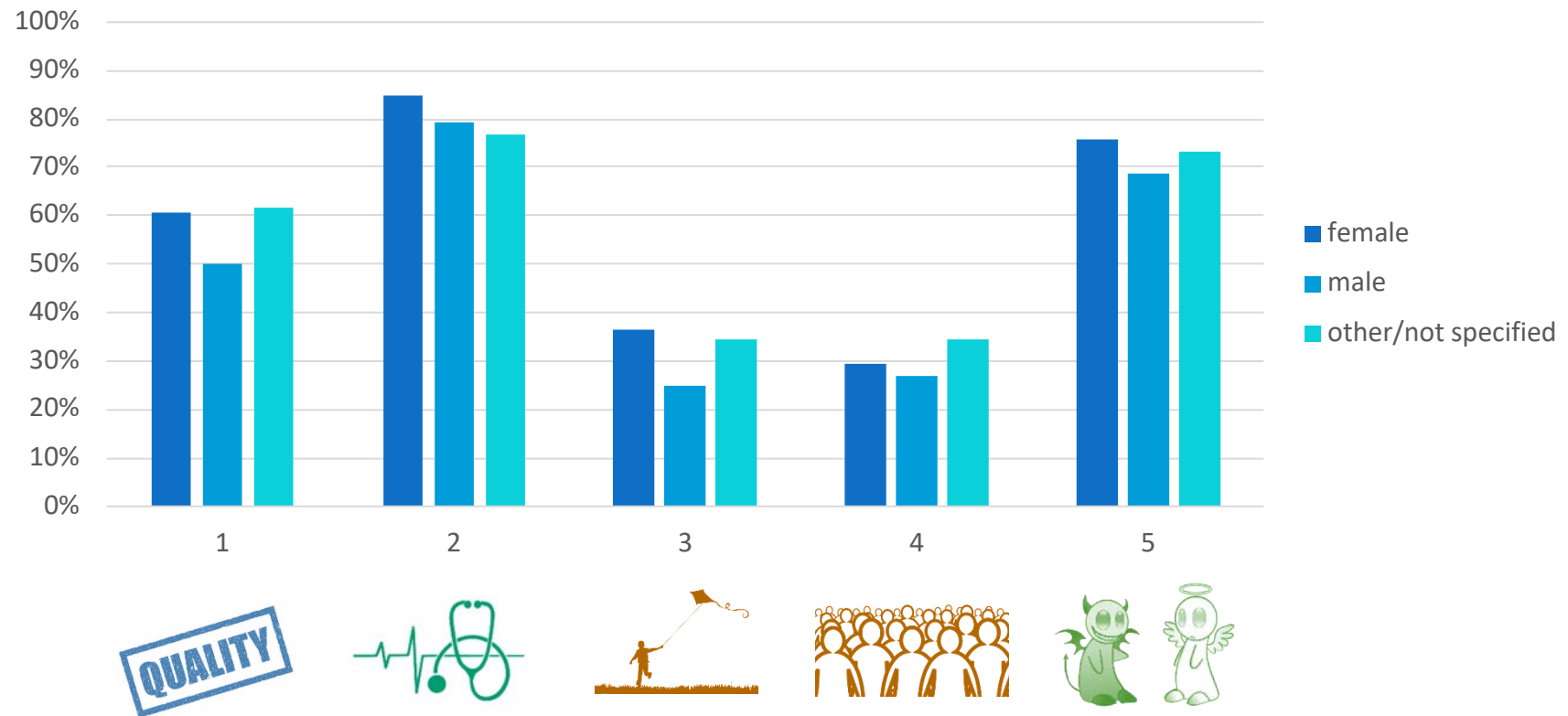
Which of the following ecologically-minded actions do you do usually?



Ecological sustainability – Here and Now



Which advantages do you expect from an environmentally friendly lifestyle?



Ecological sustainability – Here and Now



What does your school do in terms of sustainability?

Waste and recycling

Students collect rubbish
during recess,

many rubbish bins,

separation and recycling of
trash,

recycled paper is used in class

Cafeteria:

coffee less expensive in own
cups,

paper rather than plastic bags,

deposit on milk cartons

Consumption

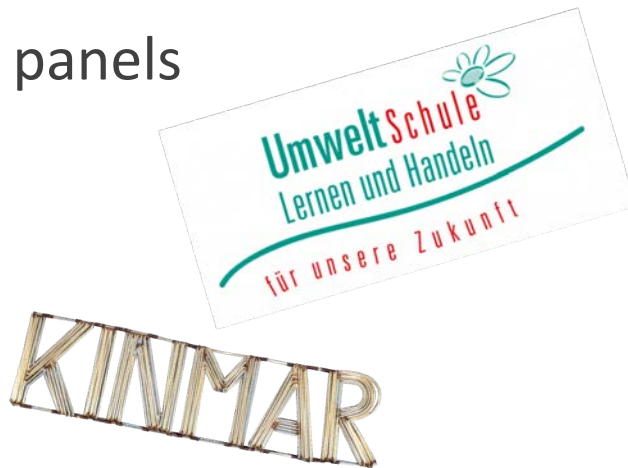
Cafeteria: Veggie day

Ecological sustainability – Here and Now

What does your school do in terms of sustainability?

Energy, mobility, transport

- bicycle stands
- automatic lights
- solar panels



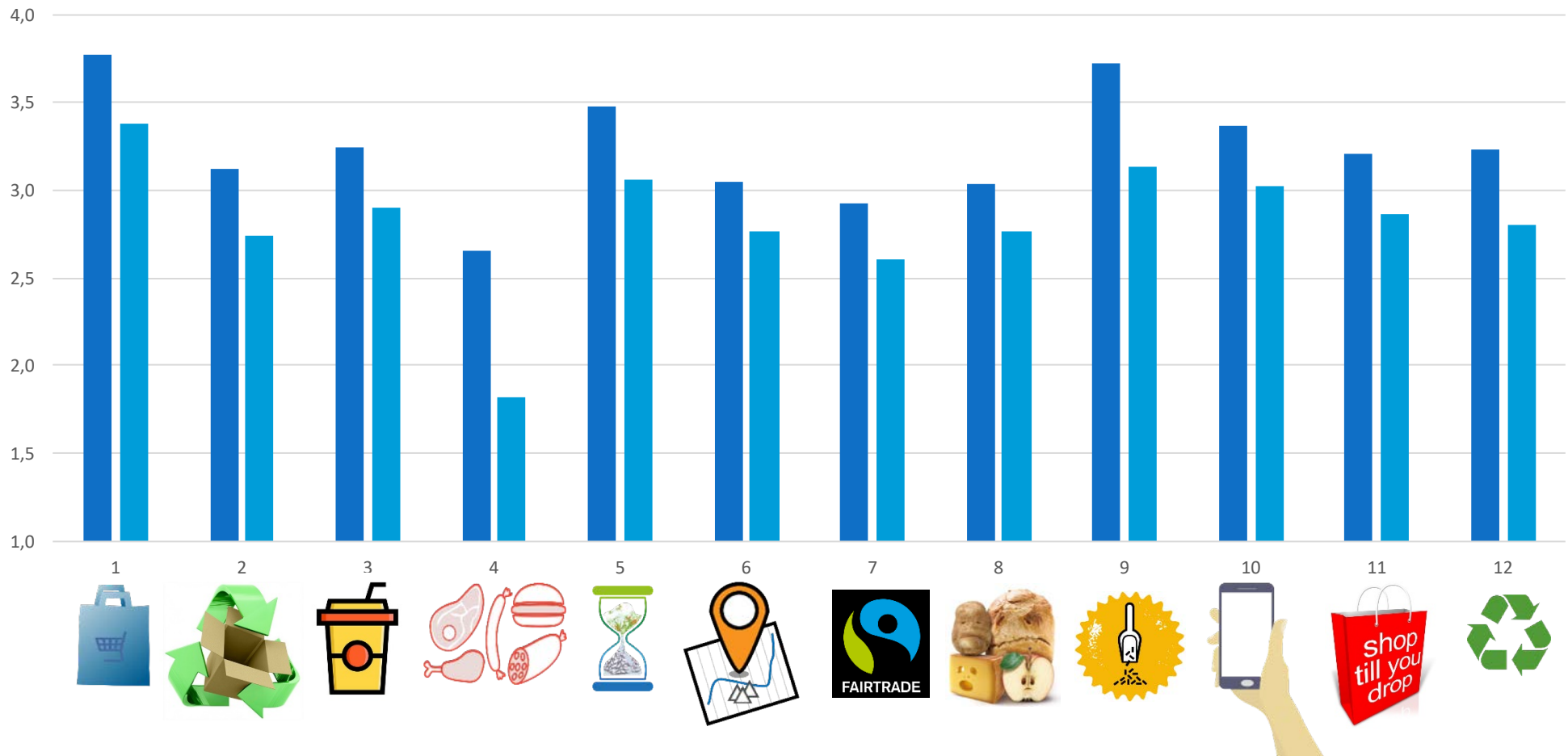
Projects and activities

- Erasmus+
- school against racism
- school garden
- certificate for environmentally friendly school
- children culture caravan
- KinMar (school company)
- demonstrations (Fridays for Future)

Ecological sustainability – Future



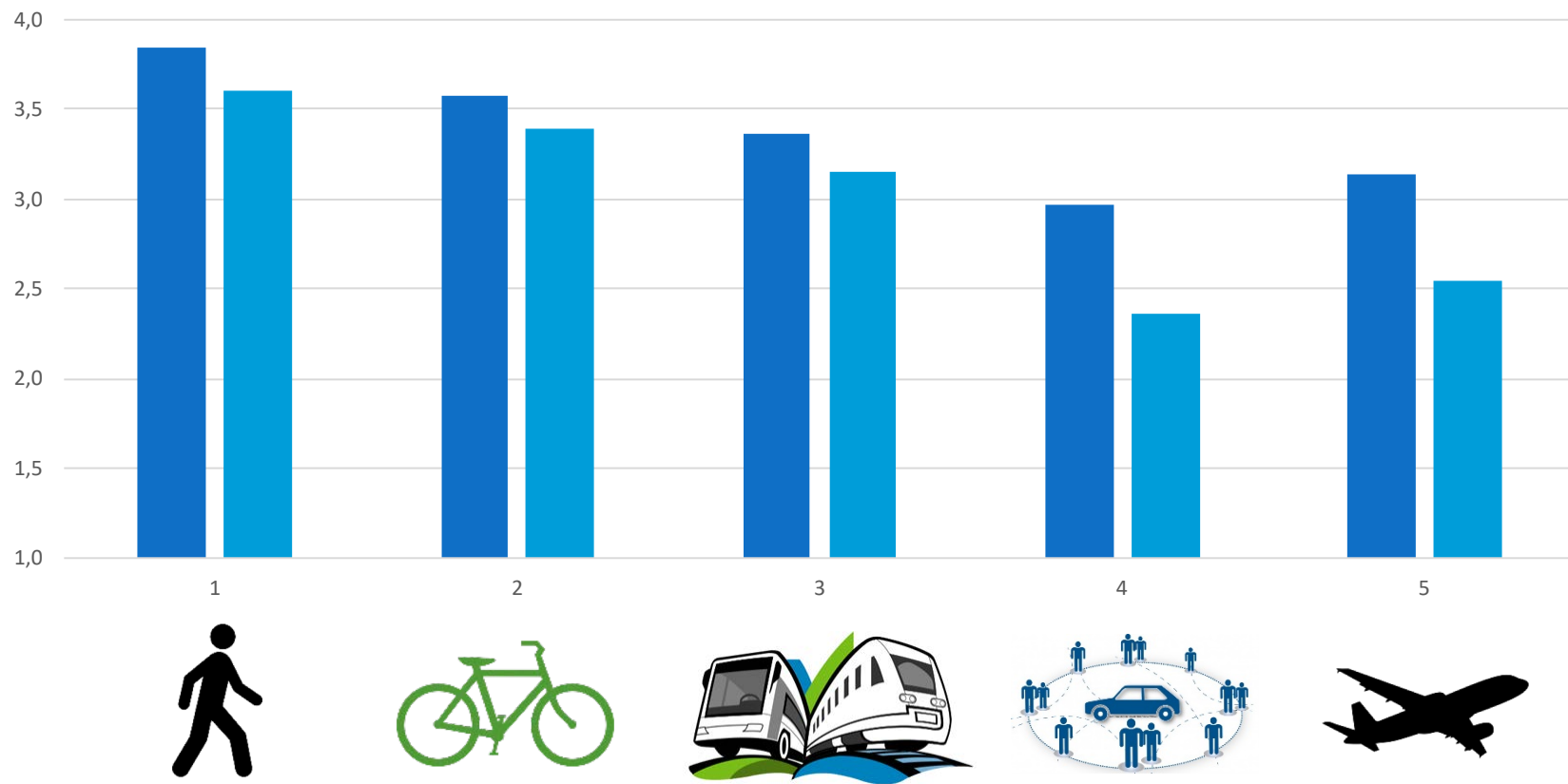
What do you believe you will do in the future in terms of consumerism?



Ecological sustainability – Future



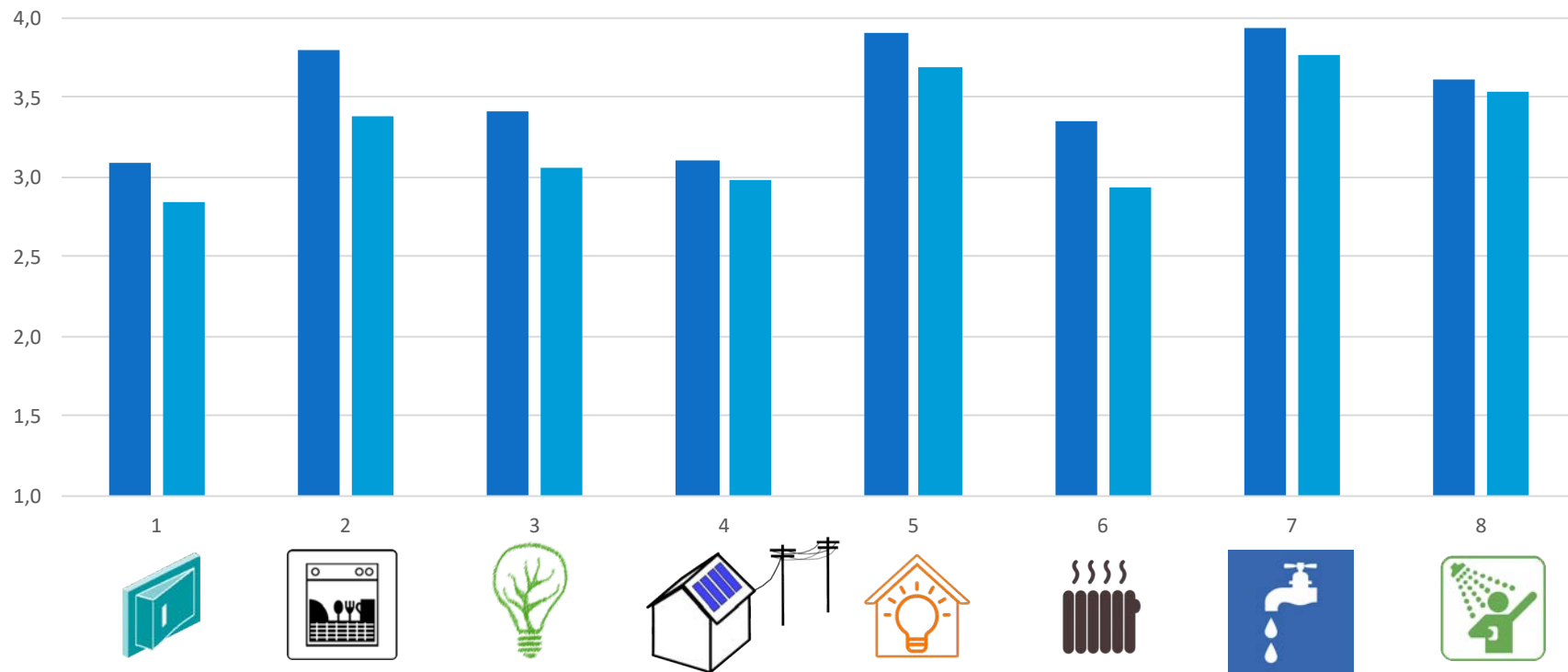
What do you believe you will do in the future in terms of transportation?



Ecological sustainability – Future



What do you believe you will do in the future in terms of renewable energy and resources?



Integration



- Schule ohne Rassismus
 - Collection of signatures for this certificate (more than 70% were needed and met)
 - different activities will take place every year to counter social exclusion and intolerance
- Language problems are bigger in connection with parents than students
 - Multi-lingual-documents will be produced to make communication easier
 - Open days to initiate contact with families





What's NEXT?

- Project activities to **raise awareness** in selected classes
- Sustainable and healthy **lifestyle suggestions** (e.g. posters, workshops, competitions)
- Increased **cooperation** with existing groups/projects (integration, environmental issues)
- **New course** for year 9 on sustainability (Summer 2019)
- Winning the solar cup 2019



