

TRENTINO

PIANO
TRENTINO
TRILINGUE

8 9 10
MARZO
2018

FESTIVAL DELLE LINGUE ROVERETO

150 WORKSHOP
80 ENTI PARTECIPANTI



#FestivalLingue
festivaldellelingue.iprase.tn.it



Progetto FSE - Azioni a supporto del Piano Trentino Trilingue Codice
2015_3_1034_IP01 CUP C79J15000000001. L'iniziativa è realizzata
nell'ambito del Programma operativo FSE 2014-2020 della
Provincia autonoma di Trento con il sostegno finanziario del
Fondo sociale europeo, Stato Italiano e Provincia autonoma di Trento.
La Commissione europea e la Provincia autonoma di Trento declinano ogni
responsabilità sull'uso che potrà essere fatto delle informazioni contenute nei
presenti materiali



LET'S SAVE ENERGY IN OUR SCHOOL

4INB - SINB

Teacher: Mrs Stefania Stani

Objectives

- Raising awareness of climate changes, pollution, carbon footprint and energy waste
- Collecting information about teachers and students' habits and behaviour in our school
- Analysing the results of our school and comparing them with the Dutch College to understand if in Holland there is more sensitivity about the dangers threatening the environment
- Suggesting some actions and getting the entire school involved in the effort of saving energy

Actions

1. Letter to Headmaster

Dear Mrs Zoller,

we are the students of the class 5B Information and Communication Technology and we are writing to inform you about our project "Let's Save Energy In Our School" suggested by our English teacher Mrs Stani.

The main purpose of the project is to raise awareness in students and teachers about their carbon footprint and suggest some actions to reduce energy waste at school.

We think it would be a good idea to:

- get the entire school involved (i.e: sending emails, handing out questionnaires, asking collaboration for specific activities...);
- publicized school energy costs (with your permission);
- organize "The Sweater Day" that is a day when everyone comes to school with warm clothes on;
- organize "The Empty Parking Day" when everyone will be invited to come to school by bike, by public means of transport or on foot;
- organize "The Lights Off Day" when in all the classrooms the lights are switched off and the shutters open;
- ask all the English teachers to offer their students a few lessons to discuss about environmental problems and CLIL teachers to organize lessons in the first and second years;
- create a folder containing the teaching material used in class (see previous idea) about the topic divided in level B1 and B2;
- create "Save Energy" Signs by hanging a "Save Energy" Sign near all classrooms light switches, windows, bins and doors to remind students not to waste useful energy;
- appoint a pair of students per class as Bin Controller and Light President.

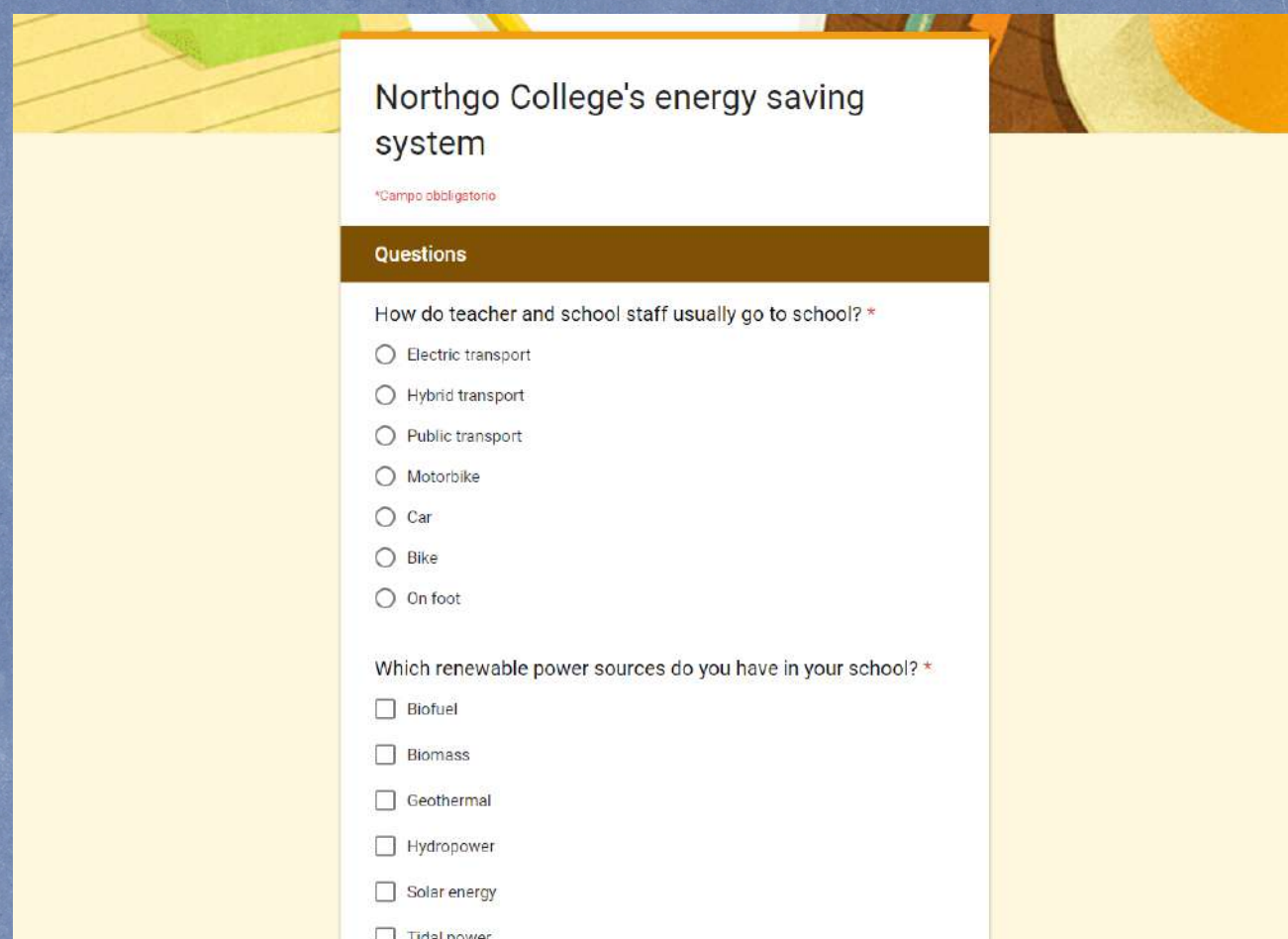
Would you kindly give us your permission to perform these actions?

If you require any further information, we would be pleased to attend a meeting with you whenever it is convenient for you.

Yours sincerely,

class 5B Information and Communication Technology.

2. Surveys



Northgo College's energy saving system

*Campo obbligatorio

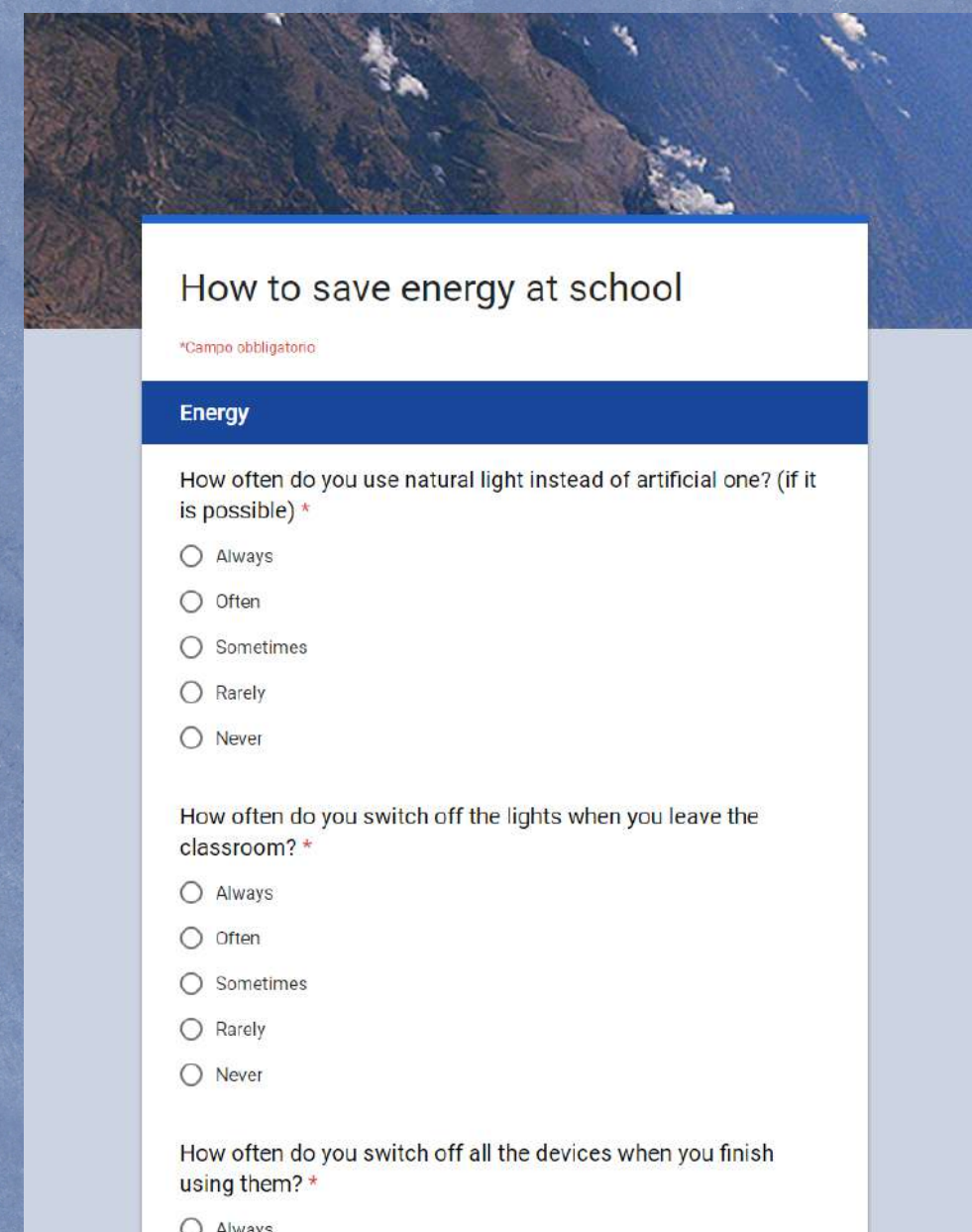
Questions

How do teacher and school staff usually go to school? *

- ☐ Electric transport
- ☐ Hybrid transport
- ☐ Public transport
- ☐ Motorbike
- ☐ Car
- ☐ Bike
- ☐ On foot

Which renewable power sources do you have in your school? *

- ☐ Biofuel
- ☐ Biomass
- ☐ Geothermal
- ☐ Hydropower
- ☐ Solar energy
- ☐ Tidal power



How to save energy at school

*Campo obbligatorio

Energy

How often do you use natural light instead of artificial one? (if it is possible) *

- ☐ Always
- ☐ Often
- ☐ Sometimes
- ☐ Rarely
- ☐ Never

How often do you switch off the lights when you leave the classroom? *

- ☐ Always
- ☐ Often
- ☐ Sometimes
- ☐ Rarely
- ☐ Never

How often do you switch off all the devices when you finish using them? *

- ☐ Always

3. Letters to teachers

Dear teachers,

we are the classes 4-5 B Information Technology and we are writing to request your support to the development of our project called "Let's save energy in our school" planned for the *Environment Day* which will take place on the 1st of February in our school.

The purpose of this project is to attract interest to the waste of energy in our school and get the entire school involved in the effort of saving energy.

Therefore, we kindly ask you to answer the questions of our survey in order to collect information about the current situation of our school.

Herewith enclosed you will find the link to our survey

https://docs.google.com/forms/d/e/1FAIpQLSfs81QfFZGO2F6MGwXsaGsfcblC2LsFfleg1lEmYm3heJAsrg/viewform?c=0&w=1&usp=mail_form_link

We would also like to ask CLIL teachers their willingness to plan a few lessons in English to raise awareness in their students about their carbon footprint, environmental problems and ways of saving energy at school and home.

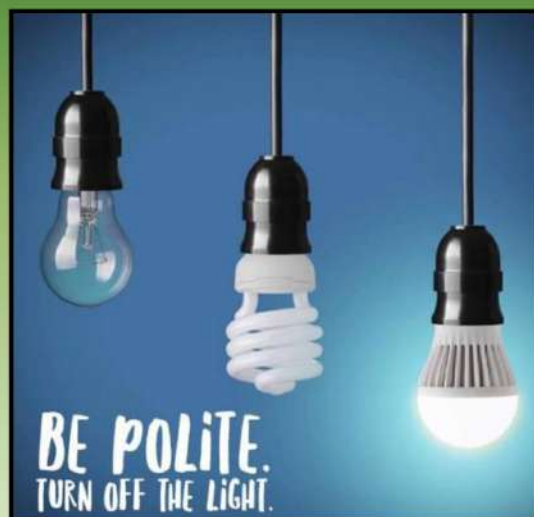
Thanking you in advance, we look forward to receiving your answer.

Best wishes,

4-5 B Information Technology

4. Advertising

**RISPETTA L'AMBIENTE!
SPEGNI LE LUCI**



PROJECT "Let's save Energy in our School" - 4 IN B & 5 IN B



**RISPETTA L'AMBIENTE!
RICORDATI DI CHIUDERMI!!!**



PROJECT "Let's save Energy in our School" - 4 IN B & 5 IN B

**FAI LA SCELTA GIUSTA!
RECYCLE**



PROJECT "Let's save Energy in our School" - 4 IN B & 5 IN B

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FESTIVAL **AL** LINGUE

DELLE
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S. Empty Parking Day



21th December 2017

6. M'ILLUMINO di Meno Day

23 February 2018

Rai Radio 2

m'illumino
di meno

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SURVEYS RESULTS

ITT Buonarroti-Pozzo

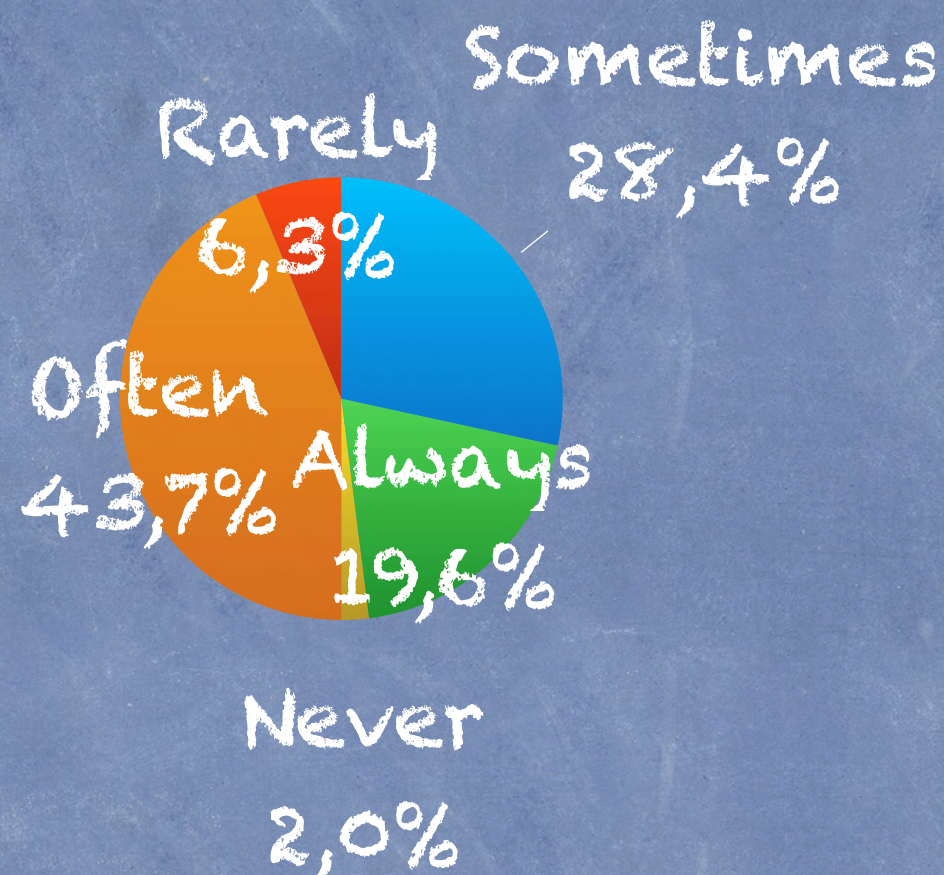
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Northgo College

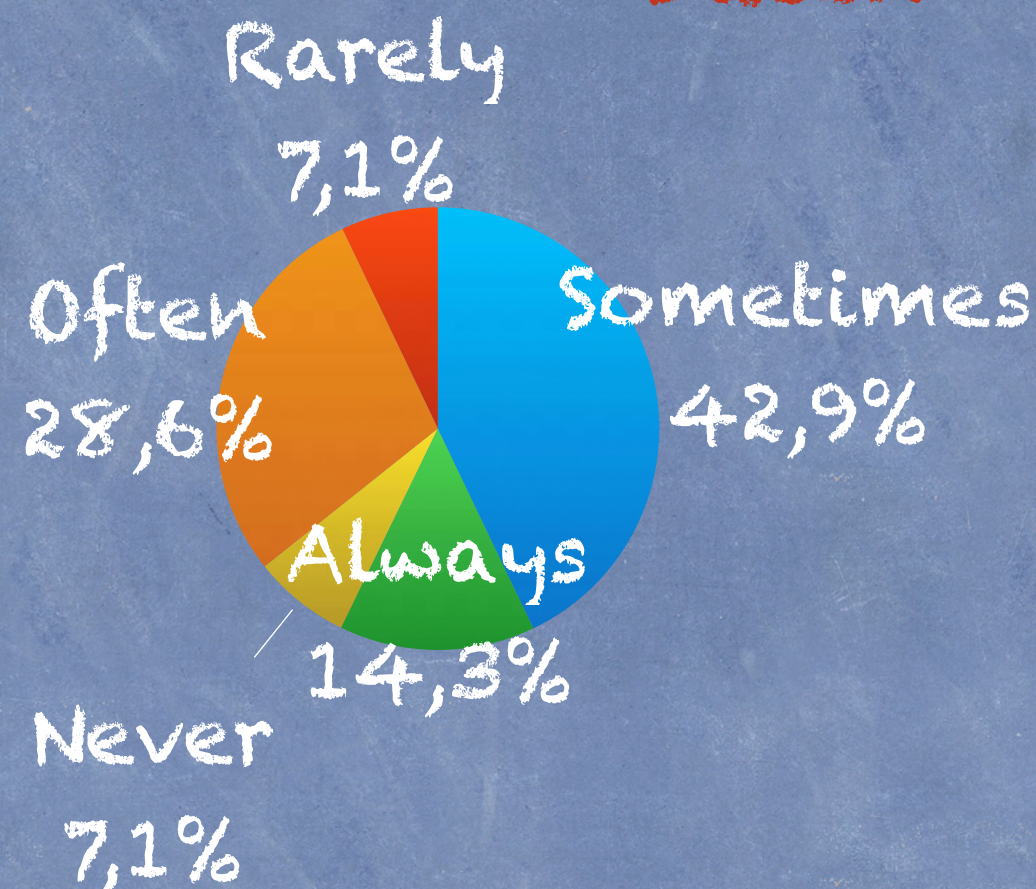
600 students out of our 1500 and a small
representation of the Northgo College answered to
our survey.

How often do you use natural light instead of artificial one? (if it is possible)

Italian

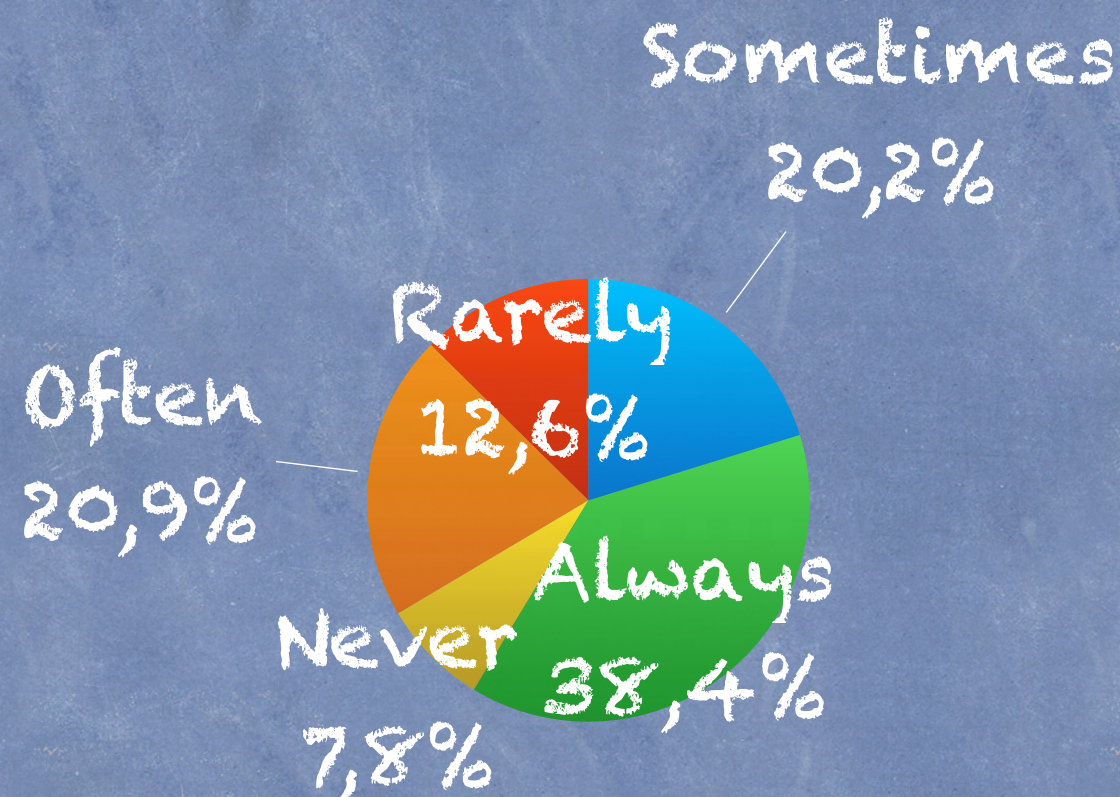


Dutch

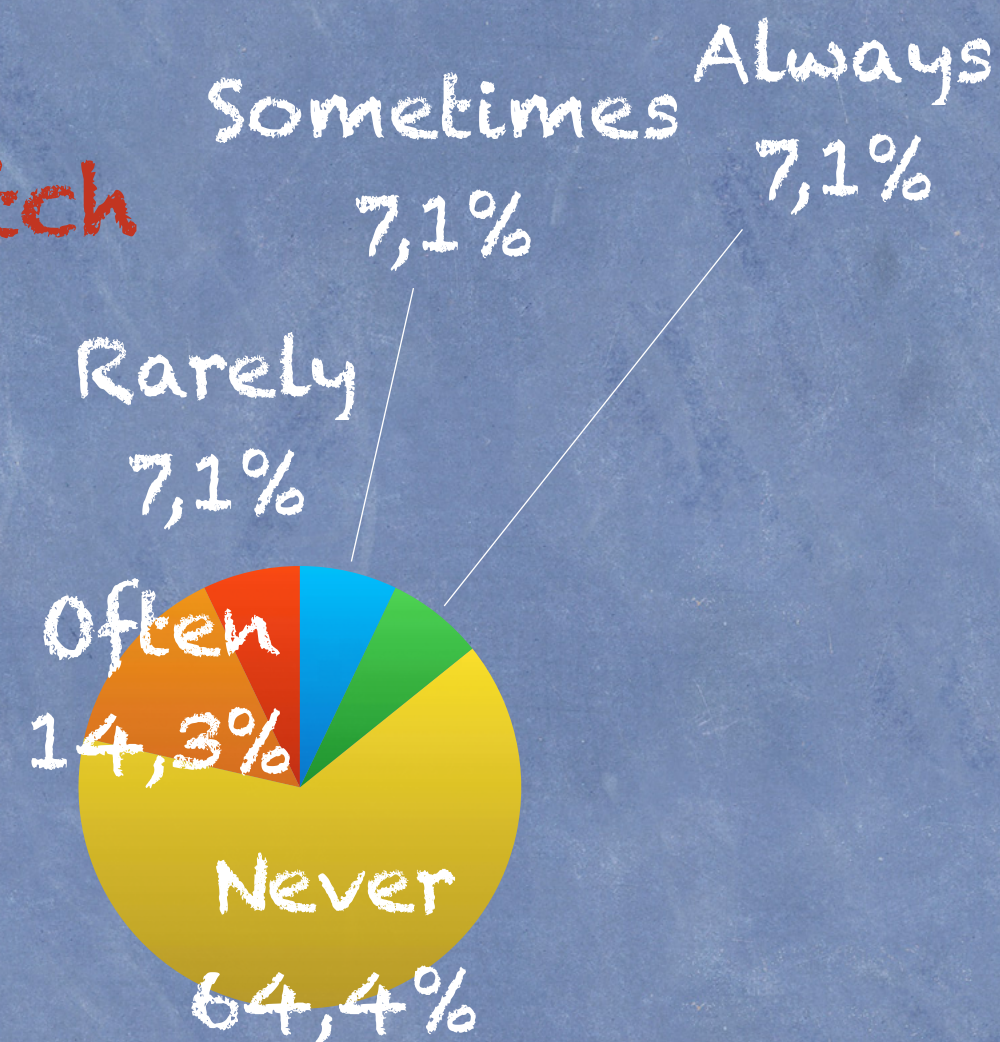


How often do you switch off the lights when you leave the classroom?

Italian



Dutch

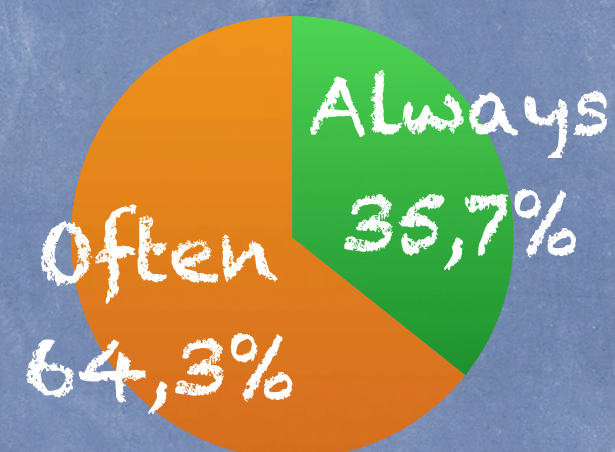


How often do you keep
windows closed when the
heating is working?

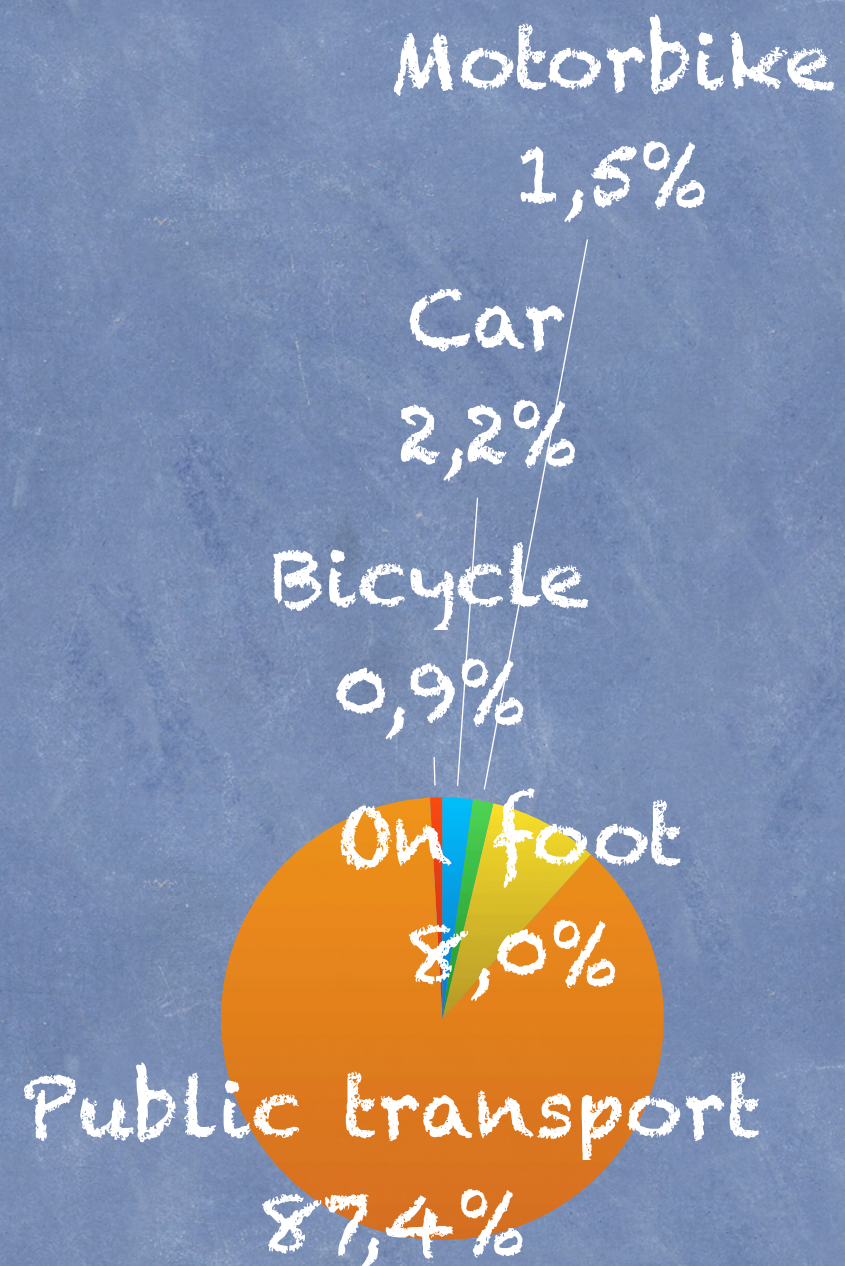
Italian



Dutch

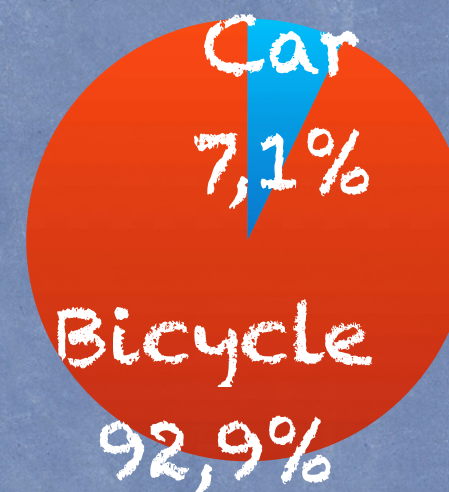


Italian



How do you usually go to school?

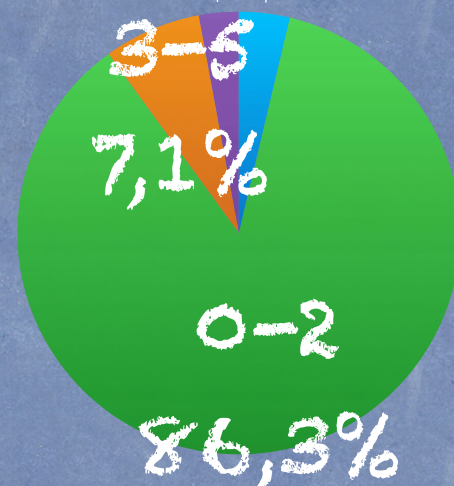
Dutch



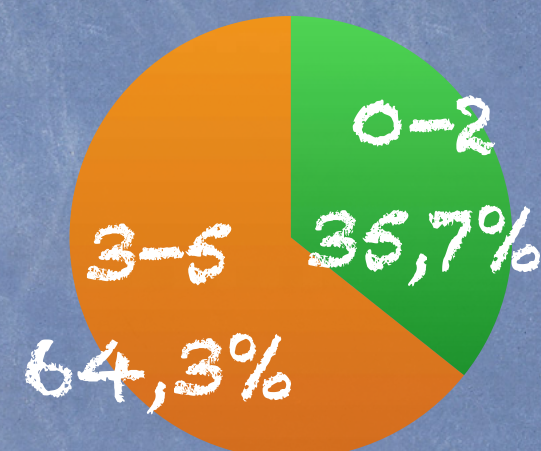
How many photocopies do you get from your teachers every week?

Italian 6-8 3,7%

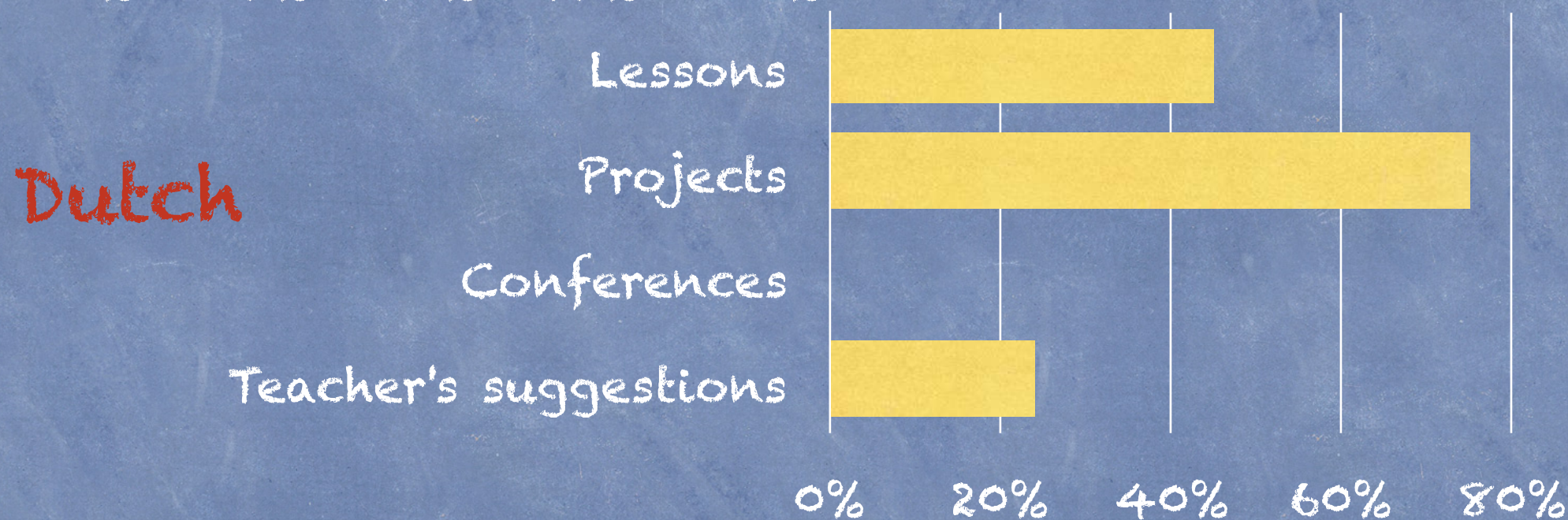
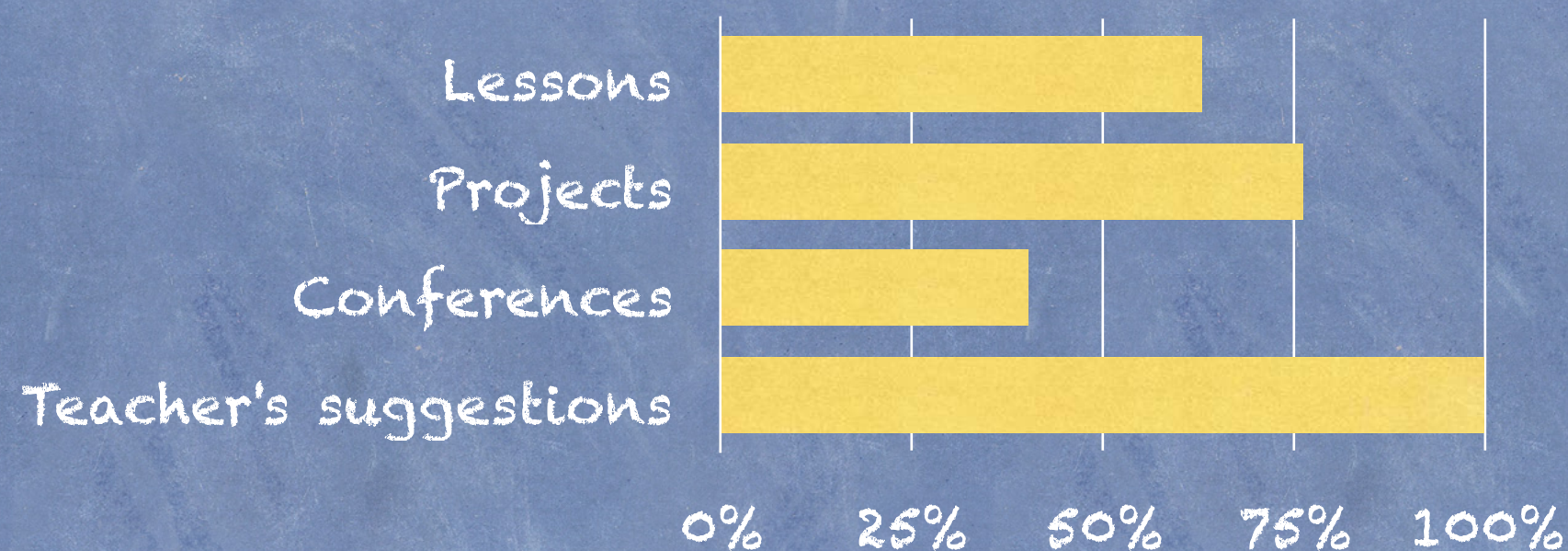
9 or more 3%



Dutch



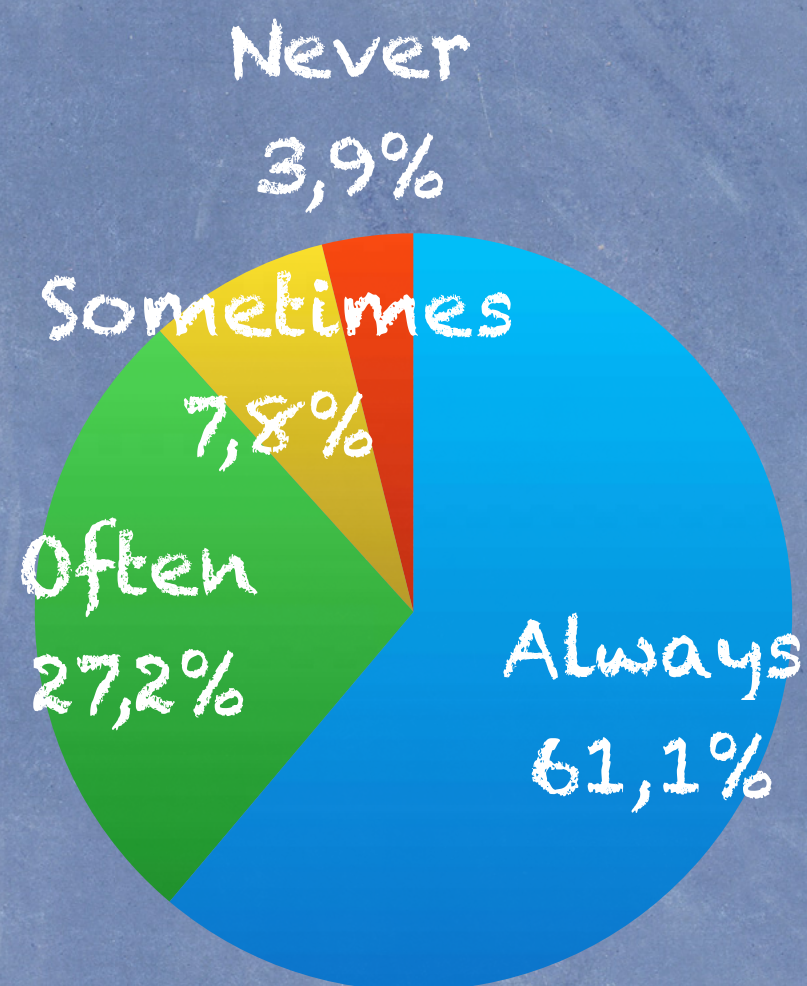
What has your school done to make you more aware about environmental problems and energy saving?



ITT Buonarroti-Pozzo Teachers

More than 100 teachers answered to
our survey.

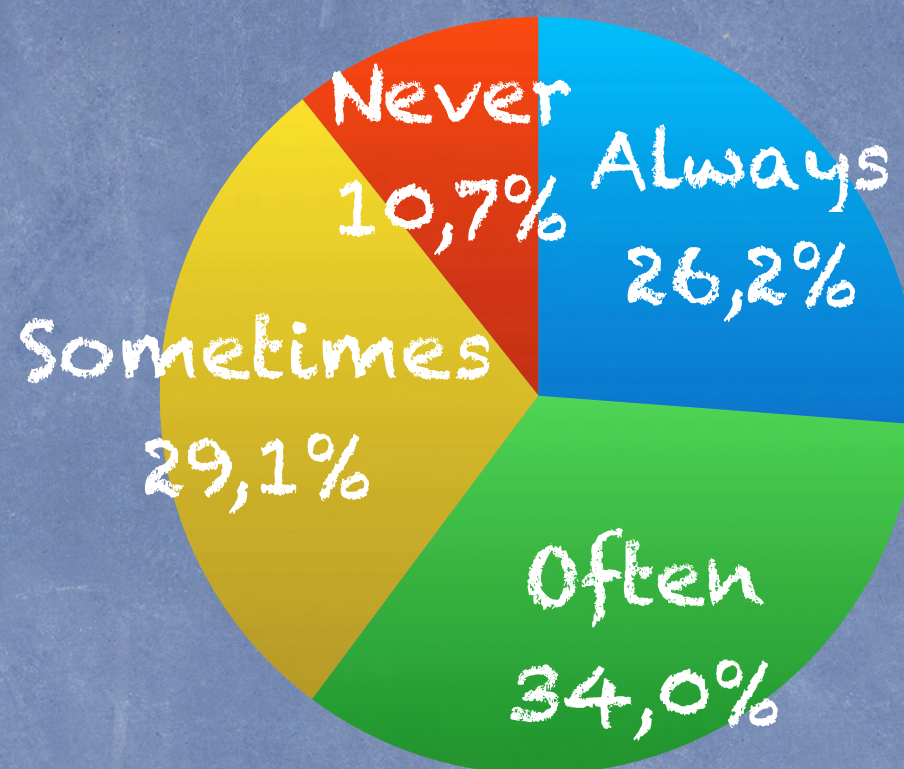
When it is dark in the classroom
do you ask students to open the
shutters and turn off the lights?



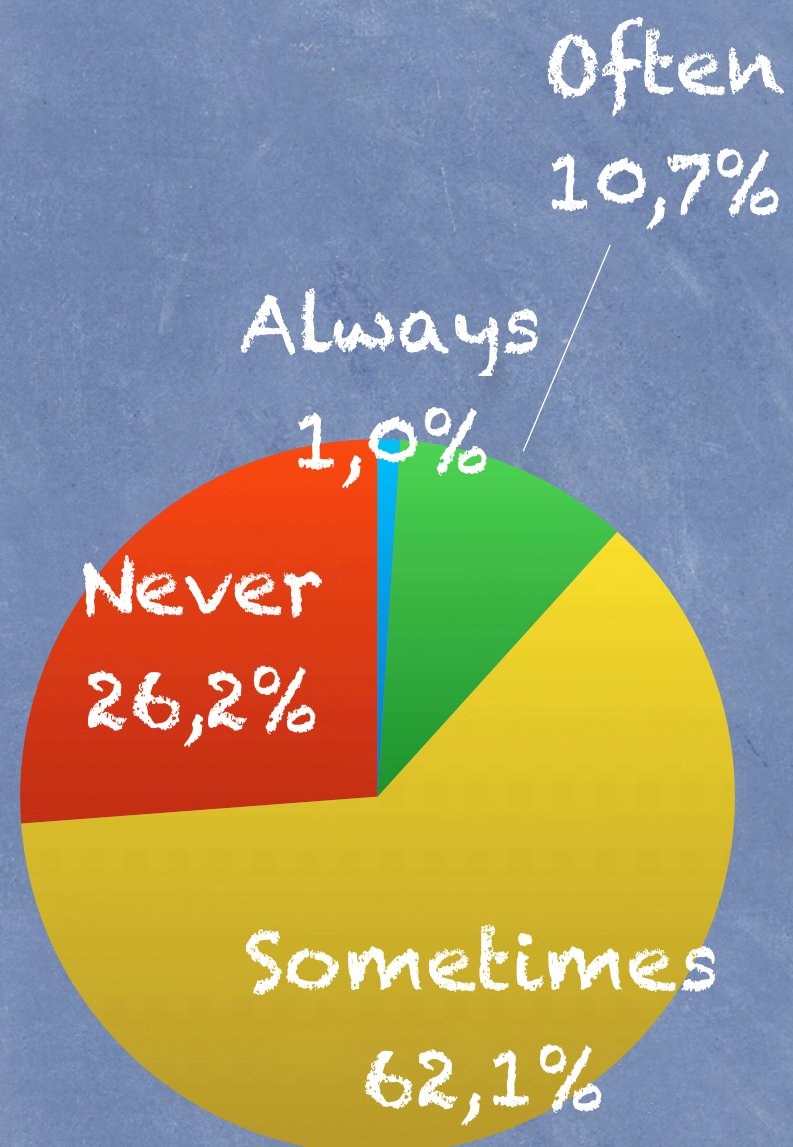
Do you check if the lights
are turned off at the break
or at the end of the lessons?



Do you control students'
behaviour as far as
recycling is concerned?

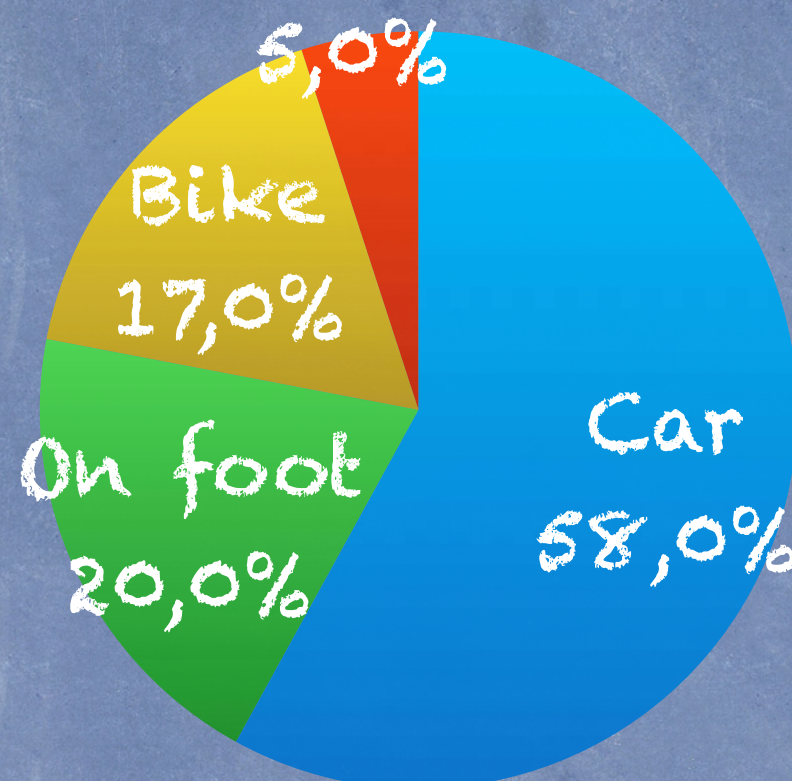


Do you hand out
photocopies for your
lessons?



Which means of transport
do you use to come to
school?

Public Transport



ITT Buonarroti-Pozzo Technicians

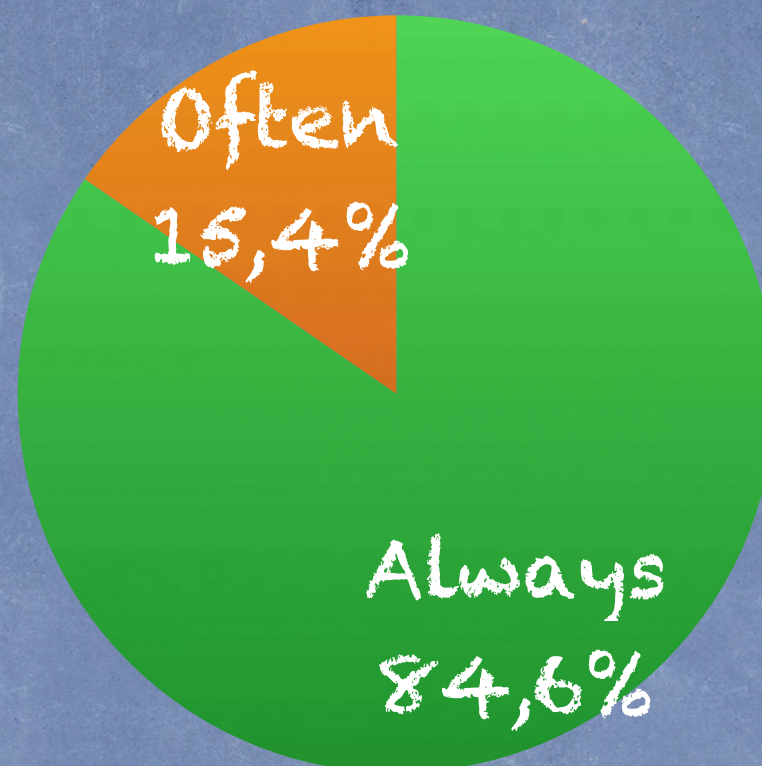
15 technicians answered to our survey.

Do you turn off lights/
devices in the Labs at the
end of the day?



Always
100,0%

Do you check whether the
windows are closed or not
if the heating is on?



Do you make separate
garbage collection?

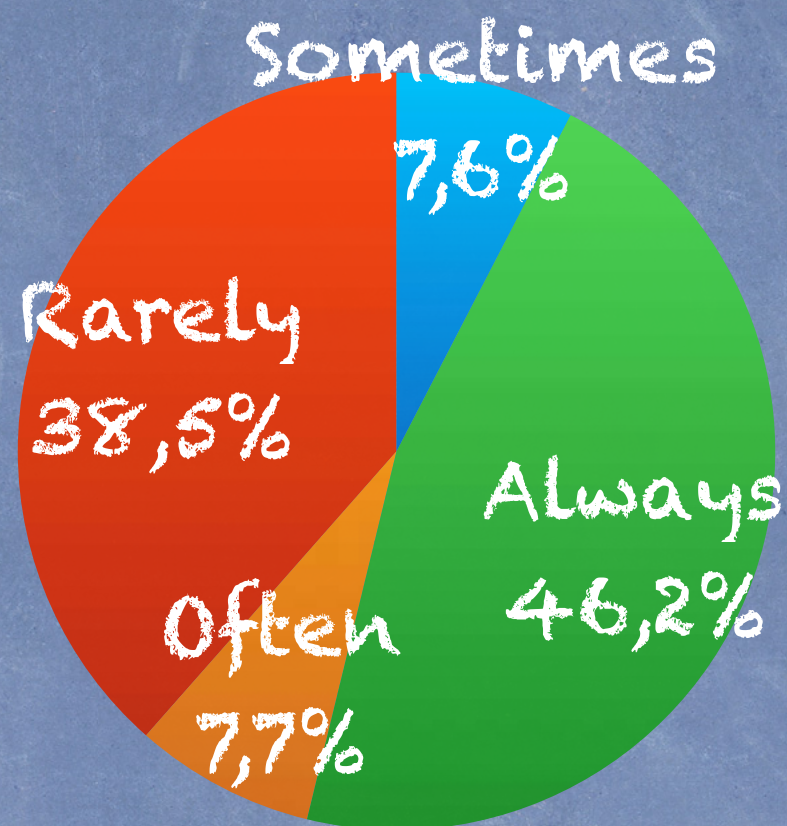
Always
100,0%

And what do you do with special
trashes? (I.E. Chemical Substances)

I don't use special substances
23,1%

I put them in specific bins
76,9%

How often do you recycle
materials used for
experiments?



Conclusion

- Often and sometimes
- Public transport and bike
- Photocopies and digital materials
- Northgo college sensors

Practical suggestions

- Appoint in each class a "Light President" and a "Bin Controller".
- Don't use disposable bottles, use reusable bottles.
- "Empty parking day new edition May 2018".
Massive advertising : do remind teachers this event and it will be a success.
- Offer your meaningful contribution to the
"M'illumino di meno" day on 23 February 2018.
- Care for our future, care for our planet. At school, in your life, make your "OFTEN" and "SOMETIMES" become



Be an example for other schools, make
your school better, let's work together
and achieve even greater goals.