



Citizen Science Project

CleanAir@School





Who are we?

Our name is ERA and our job is to take care
of our ENVIRONMENT.





What is citizen science?

It's when **YOU**
become a **SCIENTIST**



Why?

Because **SMART** people like
you can **CHANGE** the world
when they **INVESTIGATE**

Why do we want you to investigate air?

Healthy air, healthier children



WE SENT OUT AN INVITATION
TO ALL SCHOOLS



WE SENT OUT AN INVITATION
TO ALL SCHOOLS

25 SCHOOLS WERE CHOSEN
TO DO THIS WITH US



WE SENT OUT AN INVITATION
TO ALL SCHOOLS

25 SCHOOLS WERE CHOSEN
TO DO THIS WITH US

WE MET PEOPLE FROM THE
DIFFERENT SCHOOLS



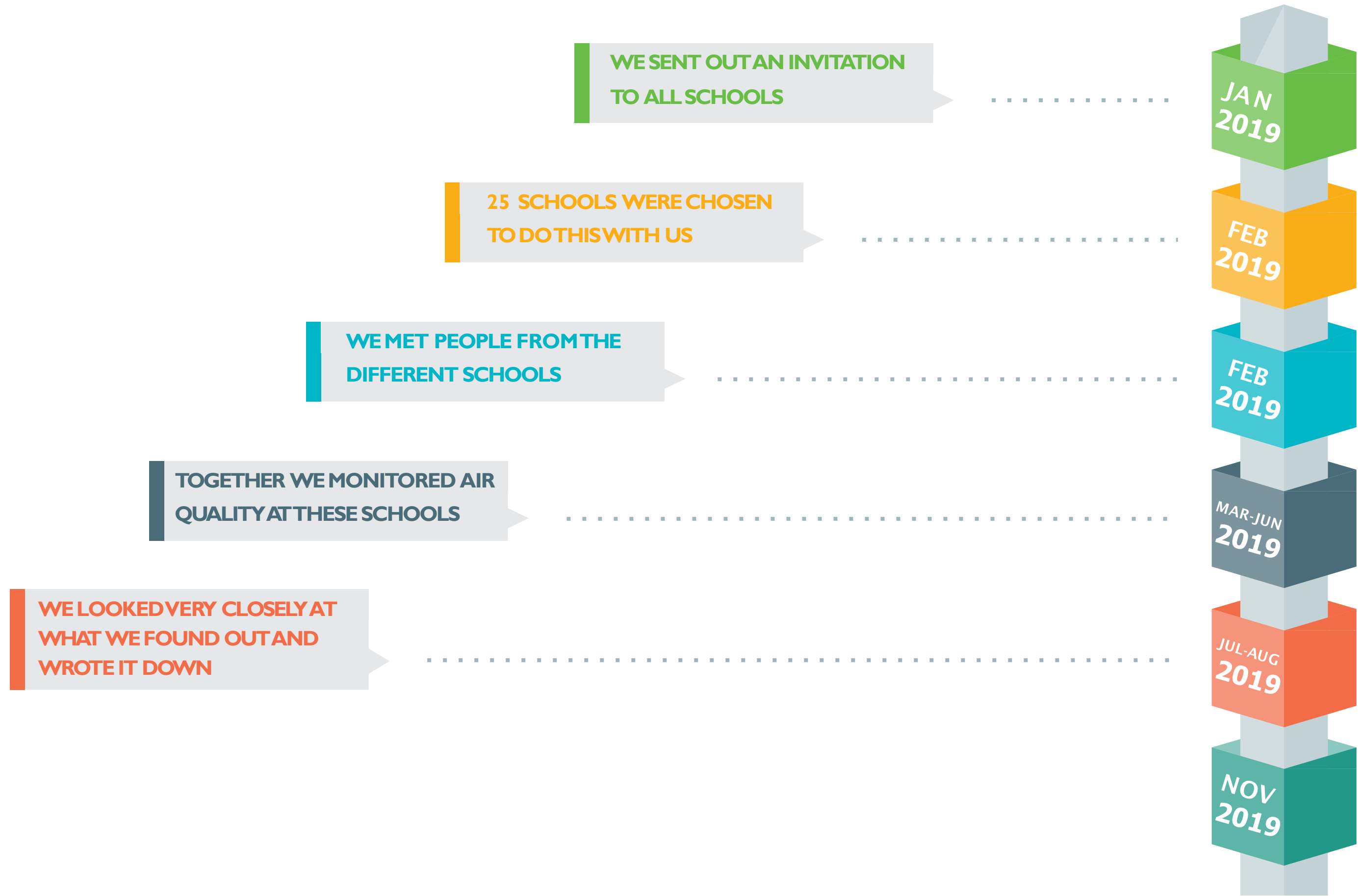
WE SENT OUT AN INVITATION
TO ALL SCHOOLS

25 SCHOOLS WERE CHOSEN
TO DO THIS WITH US

WE MET PEOPLE FROM THE
DIFFERENT SCHOOLS

TOGETHER WE MONITORED AIR
QUALITY AT THESE SCHOOLS





WE SENT OUT AN INVITATION
TO ALL SCHOOLS

25 SCHOOLS WERE CHOSEN
TO DO THIS WITH US

WE MET PEOPLE FROM THE
DIFFERENT SCHOOLS

TOGETHER WE MONITORED AIR
QUALITY AT THESE SCHOOLS

WE LOOKED VERY CLOSELY AT
WHAT WE FOUND OUT AND
WROTE IT DOWN

FINALLY, WE MET YOU
HERE, TODAY!

JAN
2019

FEB
2019

FEB
2019

MAR-JUN
2019

JUL-AUG
2019

NOV
2019

43 SCHOOLS



AGE

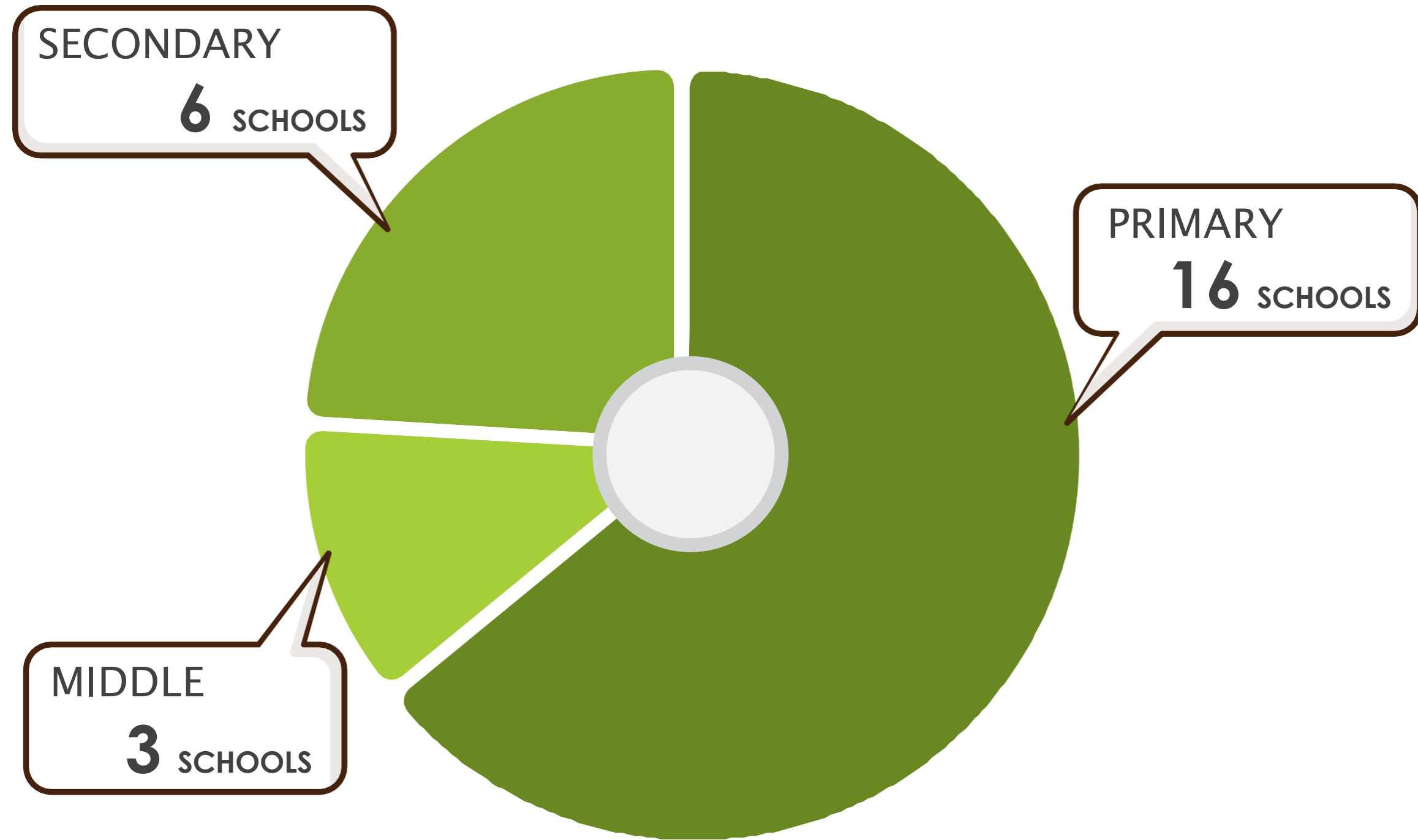
TYPE OF SITE

SUMMER MONITORING

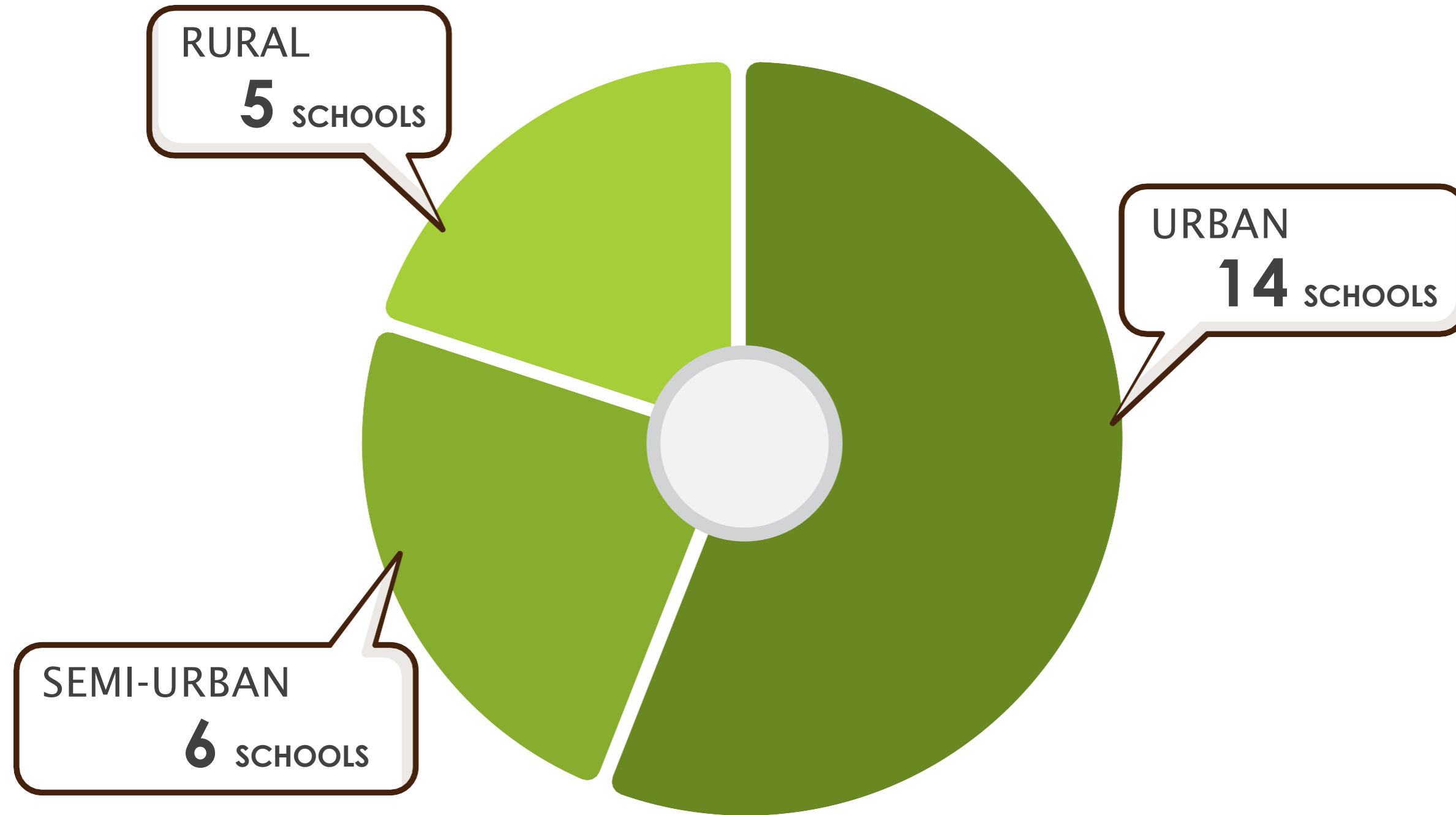


25 SCHOOLS

Age of Students



Type of Site



Rural



Semi Urban



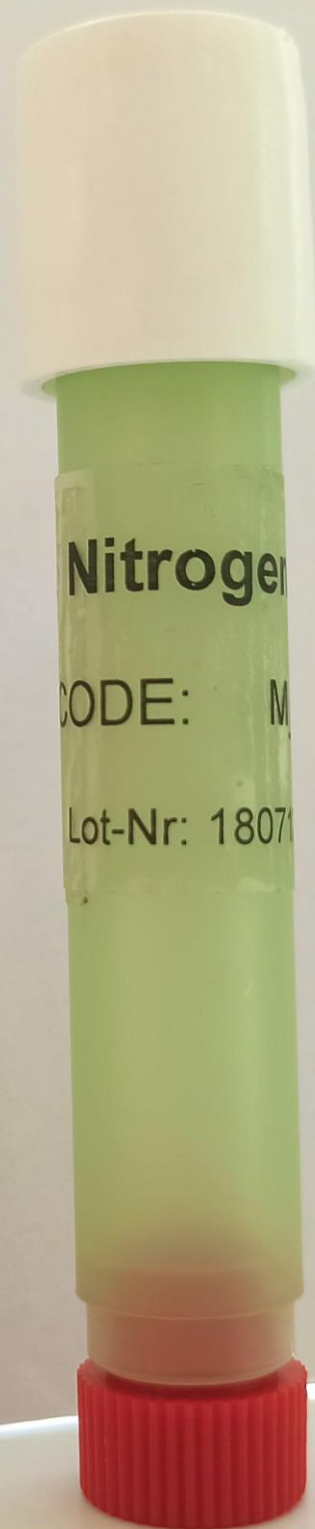
Urban



School Locations



What are Diffusion Tubes?



The EQUIPMENT we use to find out about air quality.



They tell us how much POLLUTION is in the air



We put them in PLACES where we want to investigate AIR QUALITY



Then, we take them to a LAB get our monitoring results

Tube Locations

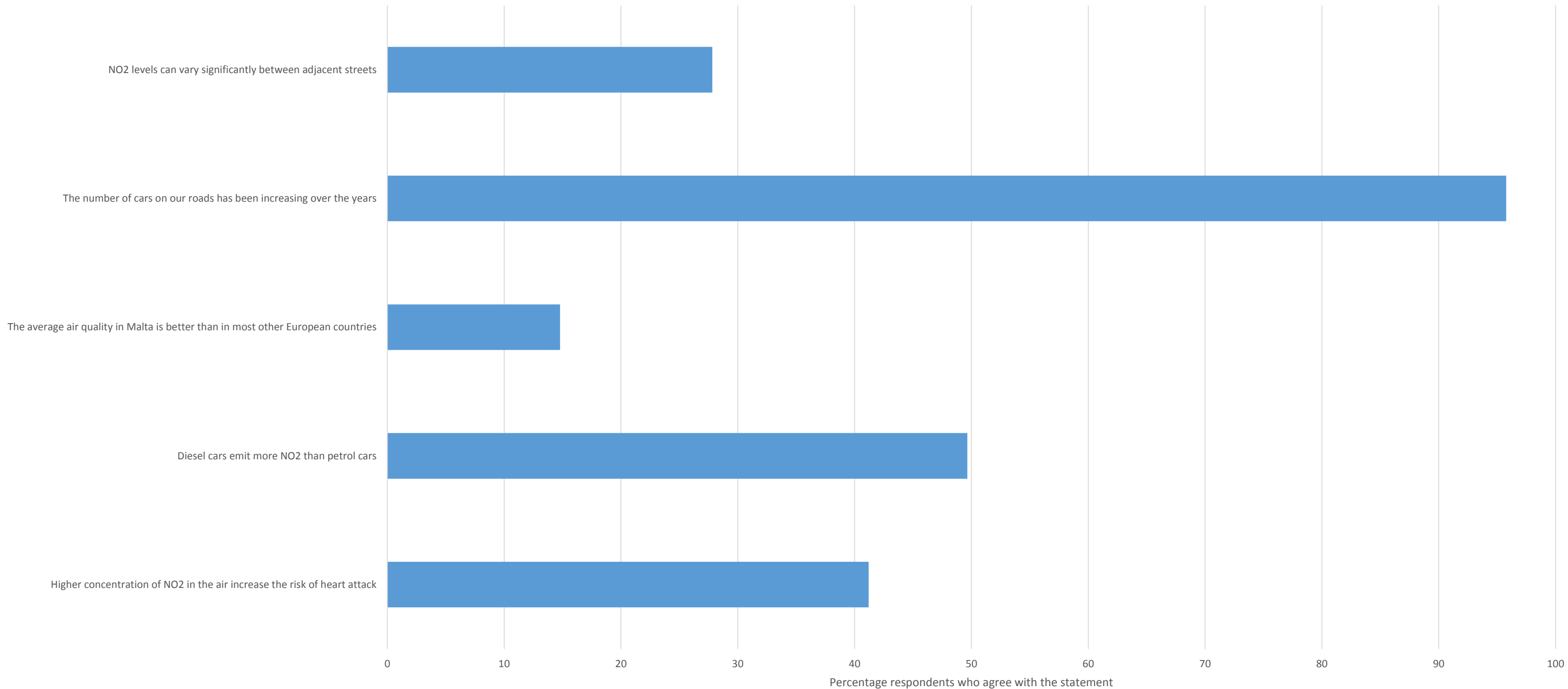


Outside the School



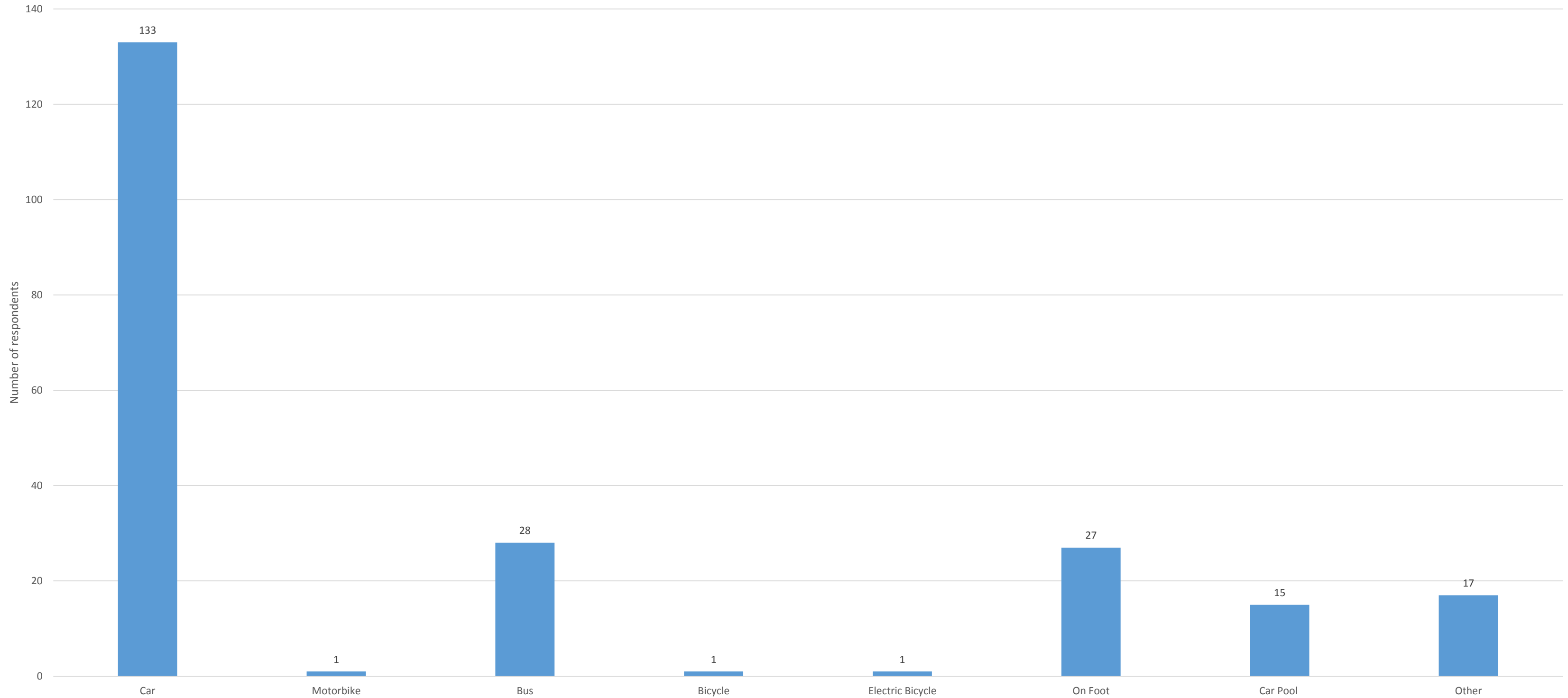
Inside the School Playground

Parent's perceptions about NO₂

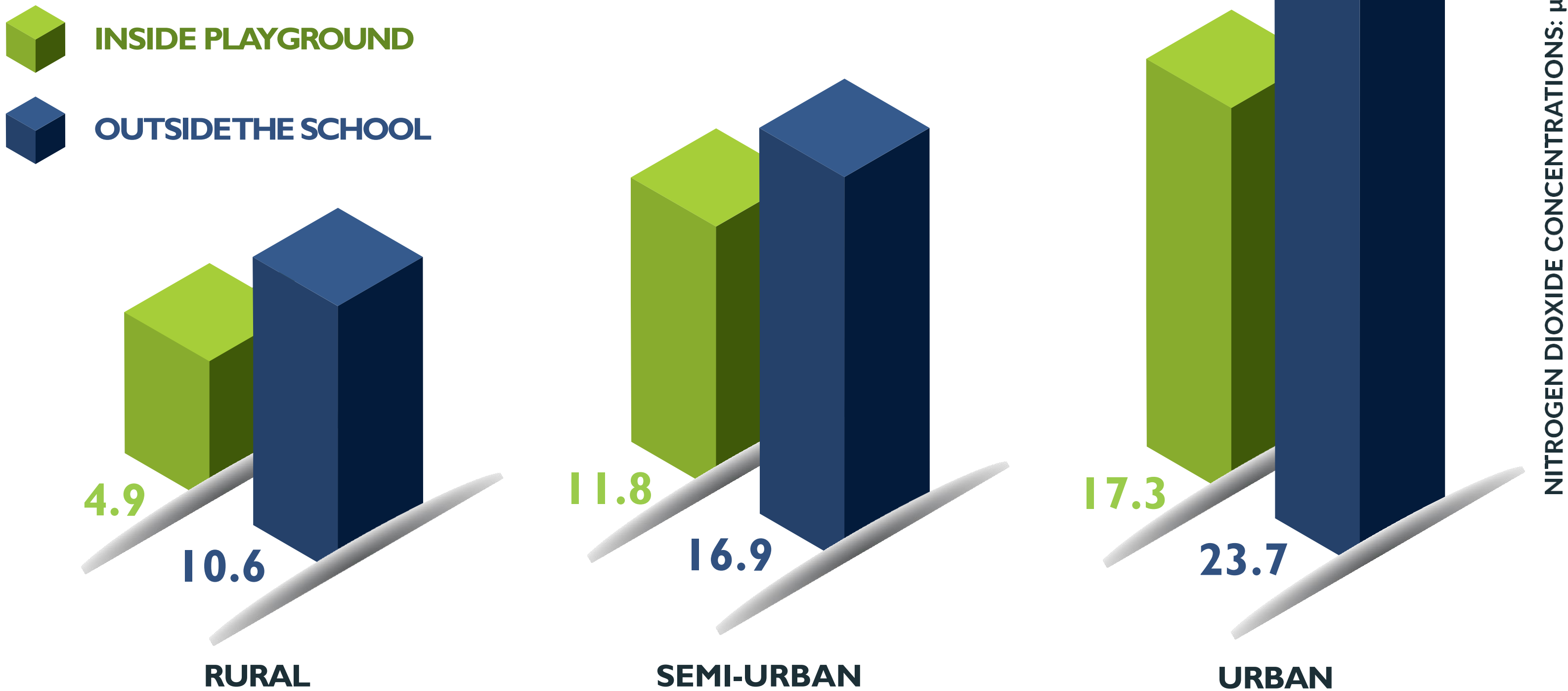


Travel mode

Mode of travel used on a daily basis to and from school



Nitrogen Dioxide Concentrations vary from one site type to another



WALK to school
if you can



1

CYCLE to
school if you can



2

3

Use school transport



4

5

Talk to your **PARENTS**
and **FRIENDS** about
what you learnt today



Can **YOU** think of
MORE things to
do?



**YOU CAN MAKE
A DIFFERENCE!**



Thank You