



STEMMA

Science, Technology, Engineering, Mathematics, Motivation and Accessibility

Marina Buzzi¹, Irene Sofia Franco², Giulio Galesi³, Barbara Leporini^{2,3}

¹ IIT-CNR, Pisa, Italy – marina.buzzi@iit.cnr.it

² University of Pisa, Pisa, Italy – barbara.leporini@unipi.it

³ ISTI-CNR, Pisa, Italy – giulio.galesi@isti.cnr.it

Objective: The STEMMA project aims at reducing the gap in the access to STEM educational paths by designing persuasive tools for favouring the choice of a scientific career



Target: Women and People with Visual Disability

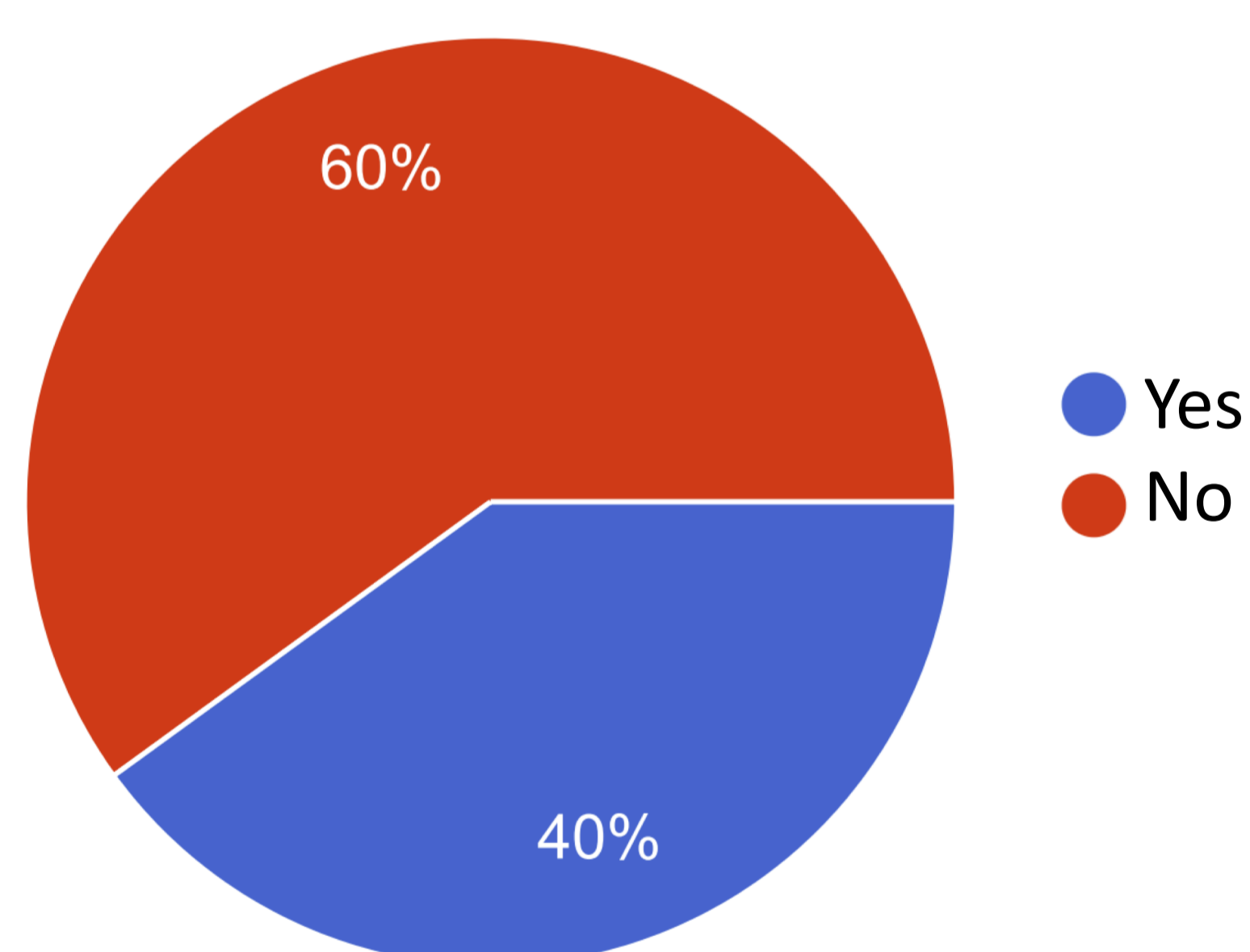
Phases: WP1 - User study and data analysis
WP2 - Design and persuasion strategy
WP3 - Digital resources and tools
WP4 - Communication and dissemination

Questionnaire: A preliminary study was conducted to detect awareness about the gap in STEM fields. To the purpose, an online survey is available for who wish to contribute to the study (please use the QR code)

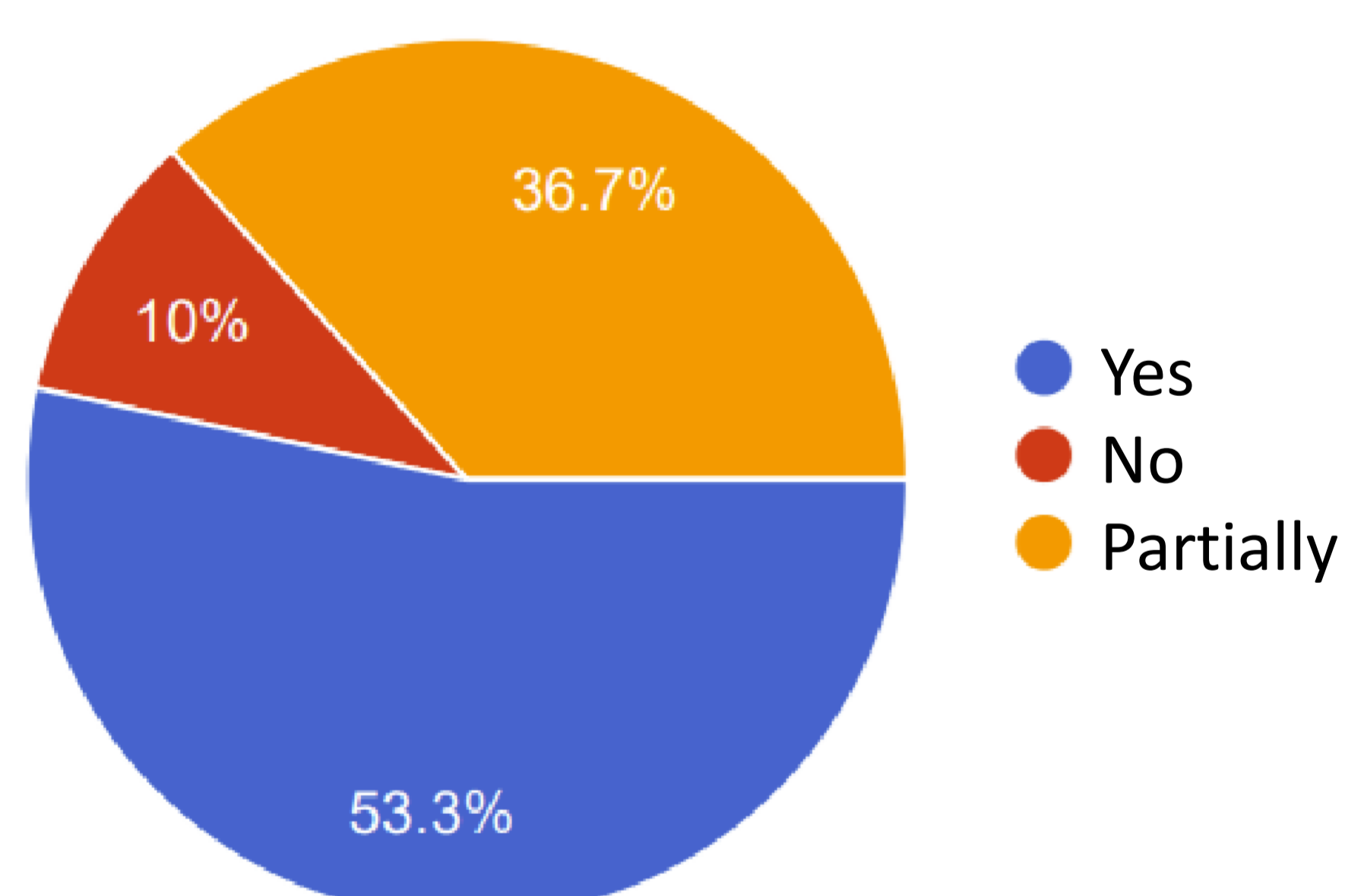


Data from Italian participants:

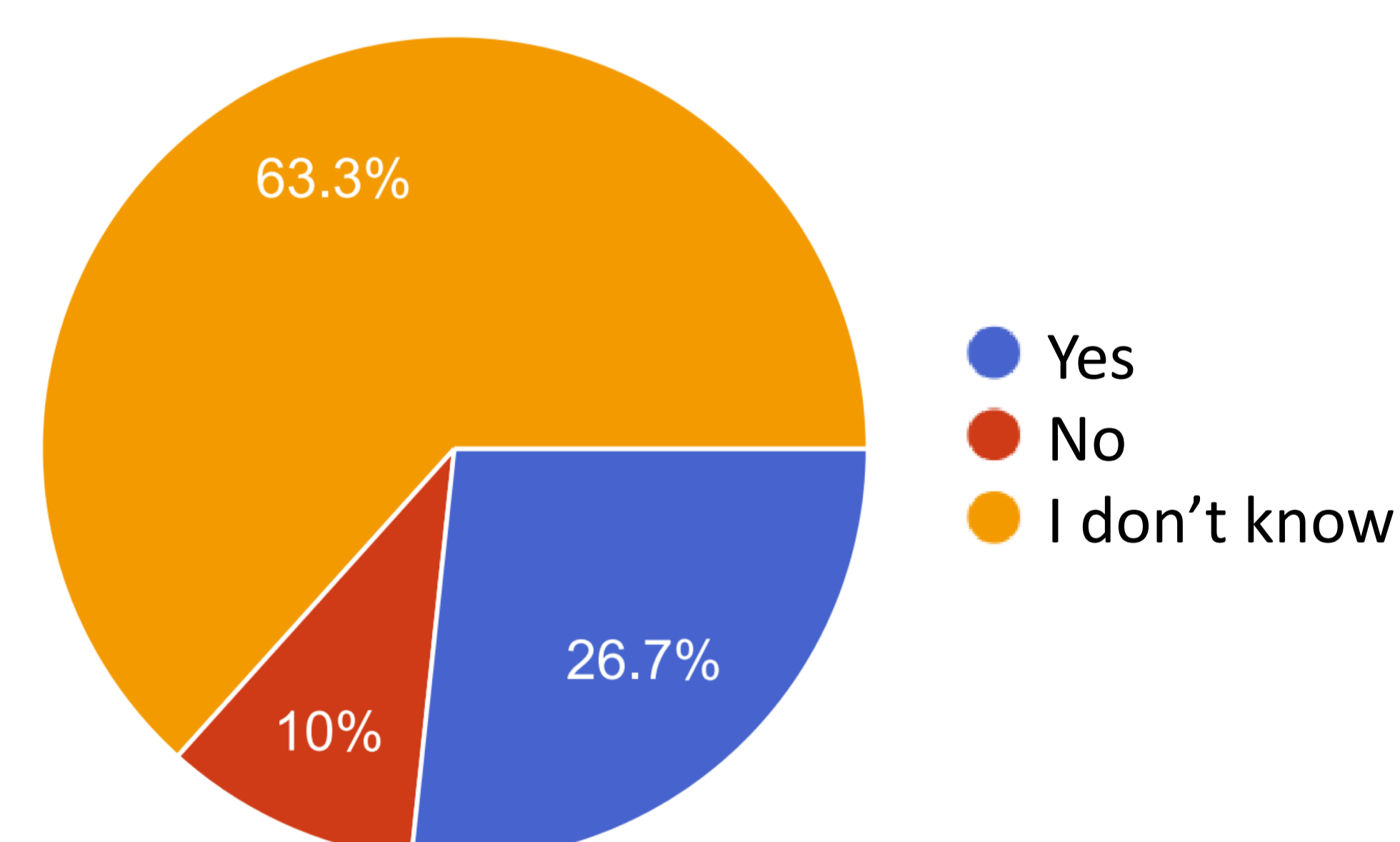
Is this the first time you're hearing about "STEM"?



Have you ever encountered a gender gap in your experiences or studies?



Have you observed any specific barriers that prevent people with disabilities from accessing STEM disciplines and careers?



Interactive eBook: An introductory eBook about the STEMMA project has been developed in Italian language to present:

- The objectives of the STEMMA project
- STEM definitions and concepts
- Some testimonials from women scientists and scientists with disabilities
- Useful digital resources for approaching and fostering access to STEM
- A final interactive quiz and games

