



RESULTS OF THE SCENT PILOT CAMPAIGNS IN THE DANUBE DELTA RIVER BASIN, ROMANIA

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SCENT SHOWCASE

20 - 21 JUNE

ATHENS, GREECE

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INTRODUCTION

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The Danube Delta is the largest natural wetland in Europe and is protected under UNESCO as a unique biosphere reserve. The Danube Delta Biosphere Reserve has the third largest biodiversity in the world with more than 5,500 species of flora and fauna, and the highest concentration of bird colonies in Europe. In fact, many of the species of plants and animals living in the Danube Delta are unique to it.

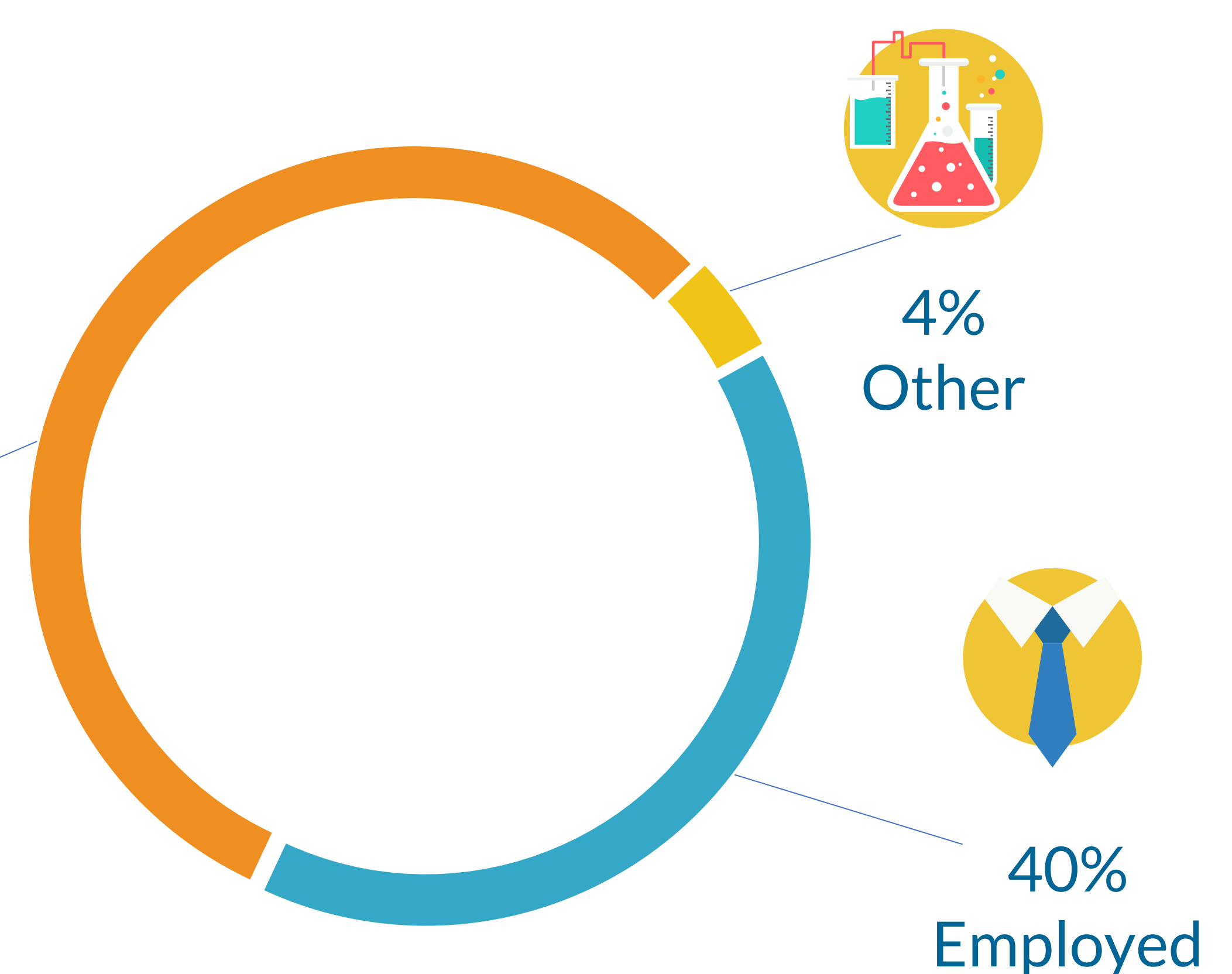
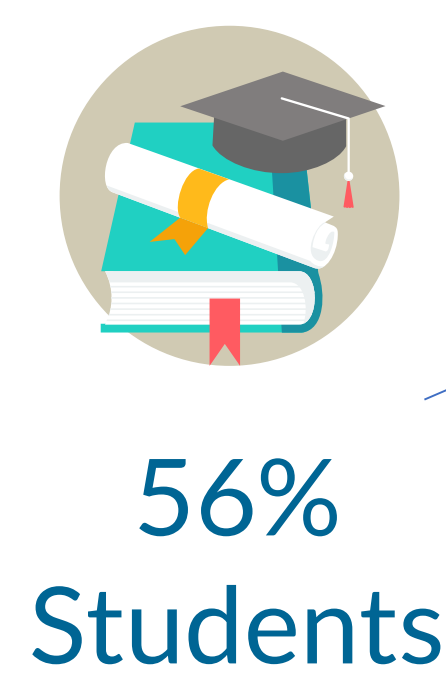
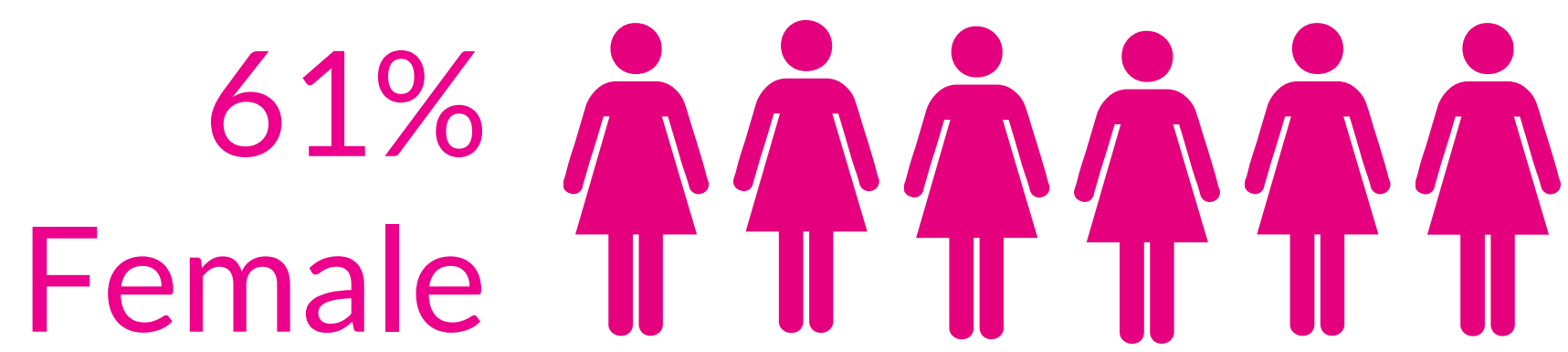
The Biosphere Reserve is also home to a population of more than 10,000 people, who rely on the natural resources and the environment of the Danube Delta for their livelihoods. However, the Delta has suffered from human interventions which lead to

dramatic changes in the area, including damming large areas for agricultural use, fishing, and forestry. This has resulted in the disturbance of the ecological balance of the wetlands, and in some cases the deterioration and loss of biodiversity. Monitoring the changing landscape of the Delta is an important first step in maintaining its natural ecological balance, and protecting its communities. The Scent Toolbox enables the collection of up-to-date data available that would allow dynamic and accurate monitoring of changes in land-cover and land-use, and thereby help to better protect both the Delta's environment and the population who live there.

SCENT CITIZEN SCIENTISTS

Total Participants: 193

Unique Participants: 169



SCENT CAMPAIGNS

1st CAMPAIGN

- Land-cover/land-use campaign
- 12 – 18 August 2018
- 4,725 images collected

08/18

09/18

05/19

05/19

05-06/19

3rd CAMPAIGN

- Land-cover/land-use and river parameters campaign
- 02 – 05 May 2019
- 4,285 measurements and images collected

5th CAMPAIGN

- Land-cover/land-use, river parameters and soil measurements campaign
- 31 May – 02 June 2019
- 4,201 images and measurements collected

- River parameters, land-cover/land-use and soil measurements campaign
- 27 – 30 September 2018
- 2,500 images and measurements collected

2nd CAMPAIGN

- Land-cover/land-use, river parameters, and soil measurements campaign
- 24 – 26 May 2019
- 3,293 images and measurements collected

4th CAMPAIGN



18,979+ pieces of data collected, including: land-cover/land-use images; river measures such as water level and surface flow velocity; and soil measurements such as soil moisture and air temperature

PROJECT PARTNERS



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