

Teachers' professional development in Italy: assessment of EGU Geoscience Education Field Officer (GEFO) programme after five years

Giulia Realdon^{*1,2}, Teresita Gravina^{2,3}, Michelina Occhioni¹, Alessandra Beccaceci¹, Lucia Stacchiotti¹, Maria Chiara Invernizzi¹ & Eleonora Paris¹

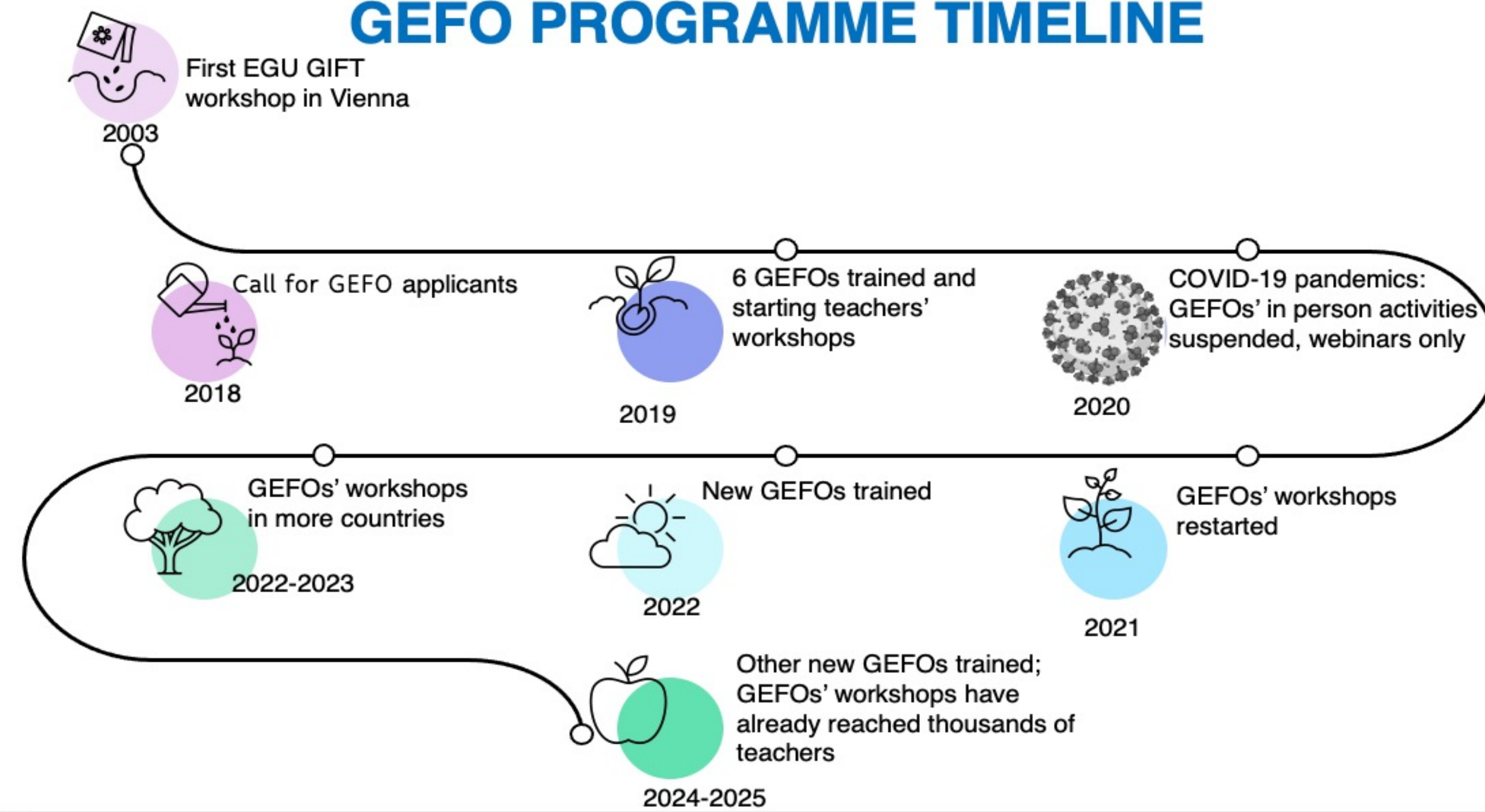
¹ University of Camerino, UNICAMearth group, Italy

² EGU – European Geosciences Union

³ University of Naples "Federico II", Italy

*giulia.realdon@unicam.it

GEFO PROGRAMME TIMELINE



GEFO PROGRAMME IN ITALY: 5-YEARS ACTIVITIES ACROSS THE COUNTRY

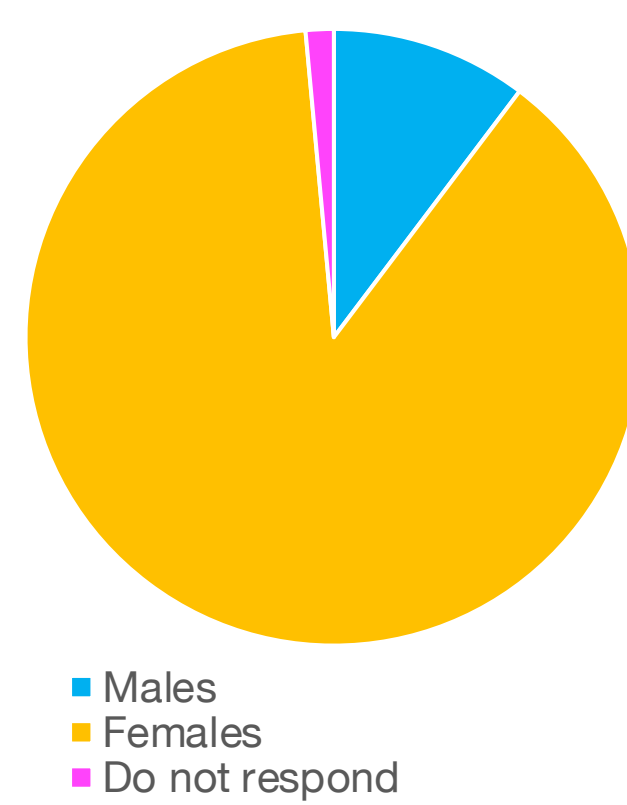
- One of authors (G. Realdon) was appointed and trained as **GEFO for Italy** in 2019
- T. Gravina was also involved within the **EGU Education Committee**
- With the support of the **UNICAMearth group** of the University of Camerino, she started the translation into Italian of the protocols of workshop activities (almost 100 available at present)
- In 2020-2024 she ran 37 workshops with 562 participants in 12 regions spanning the whole country
- Other GEFO's activities in Italy included webinars and presentations at teachers conferences
- Research papers and teaching articles documented and disseminated GEFOs' activities



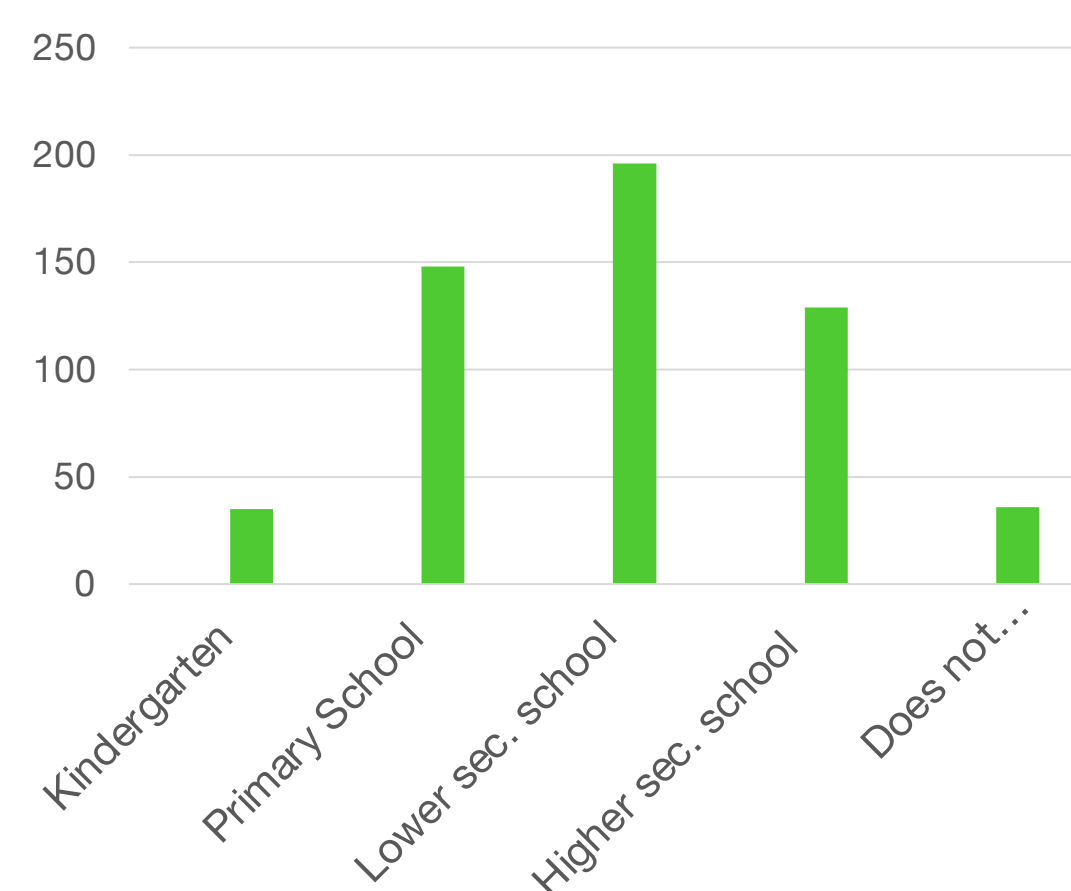
Workshop locations

ITALIAN GEFO PROGRAMME IN NUMBERS: workshop participants

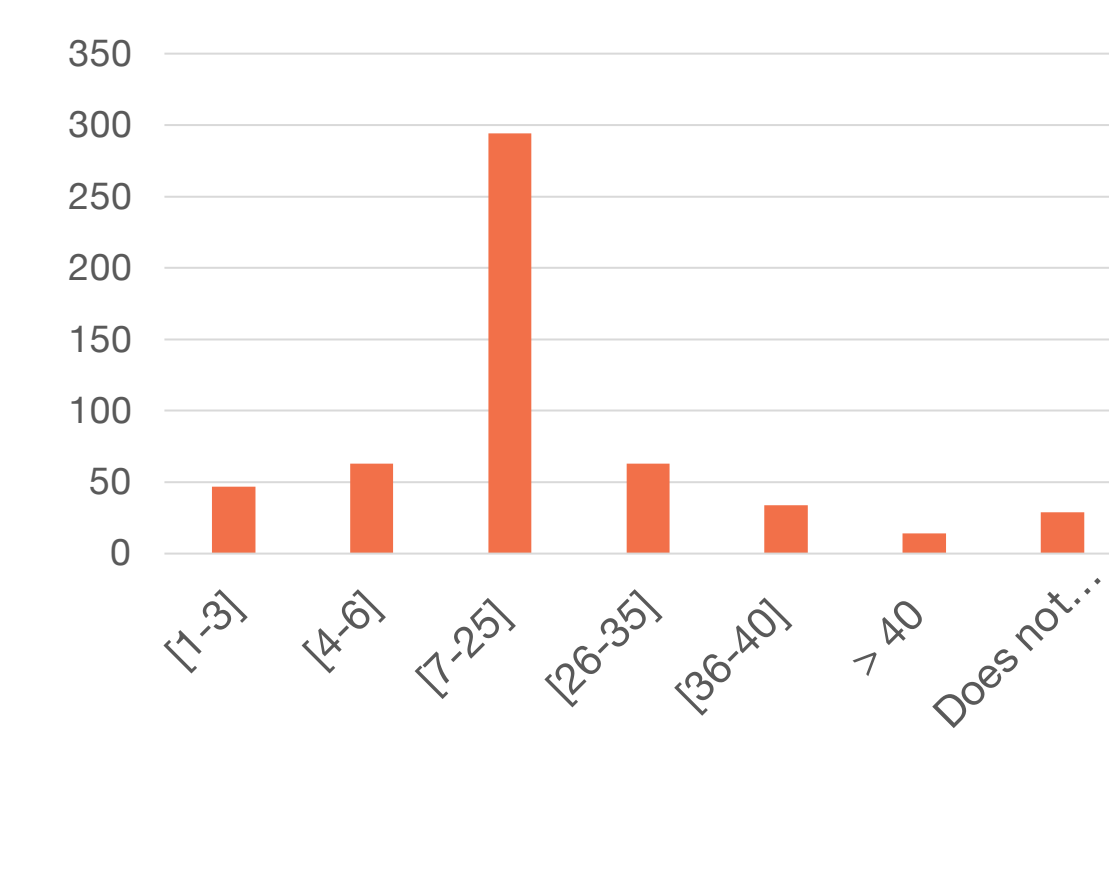
Participants by gender



Participants' school level

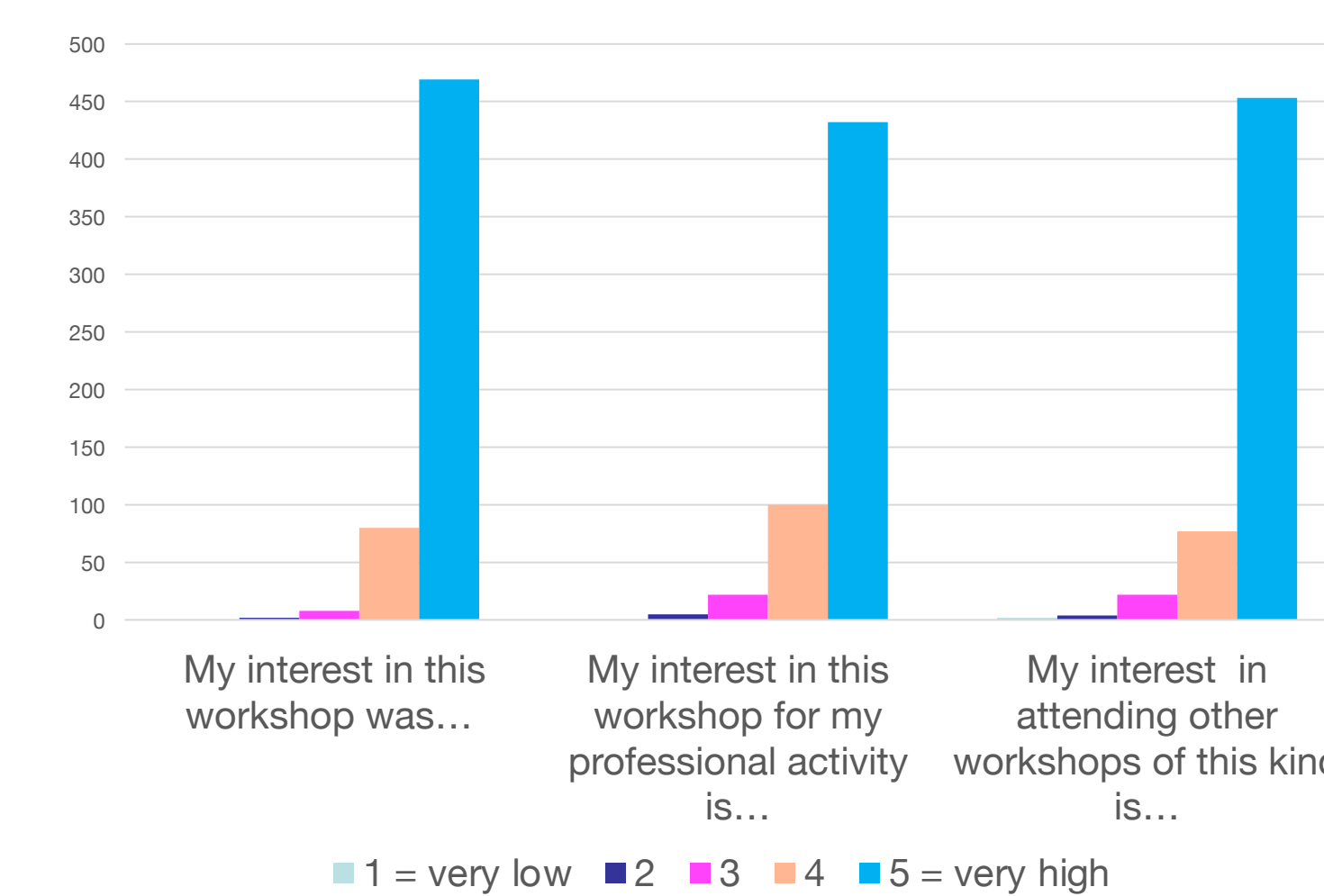


Participants' teaching years

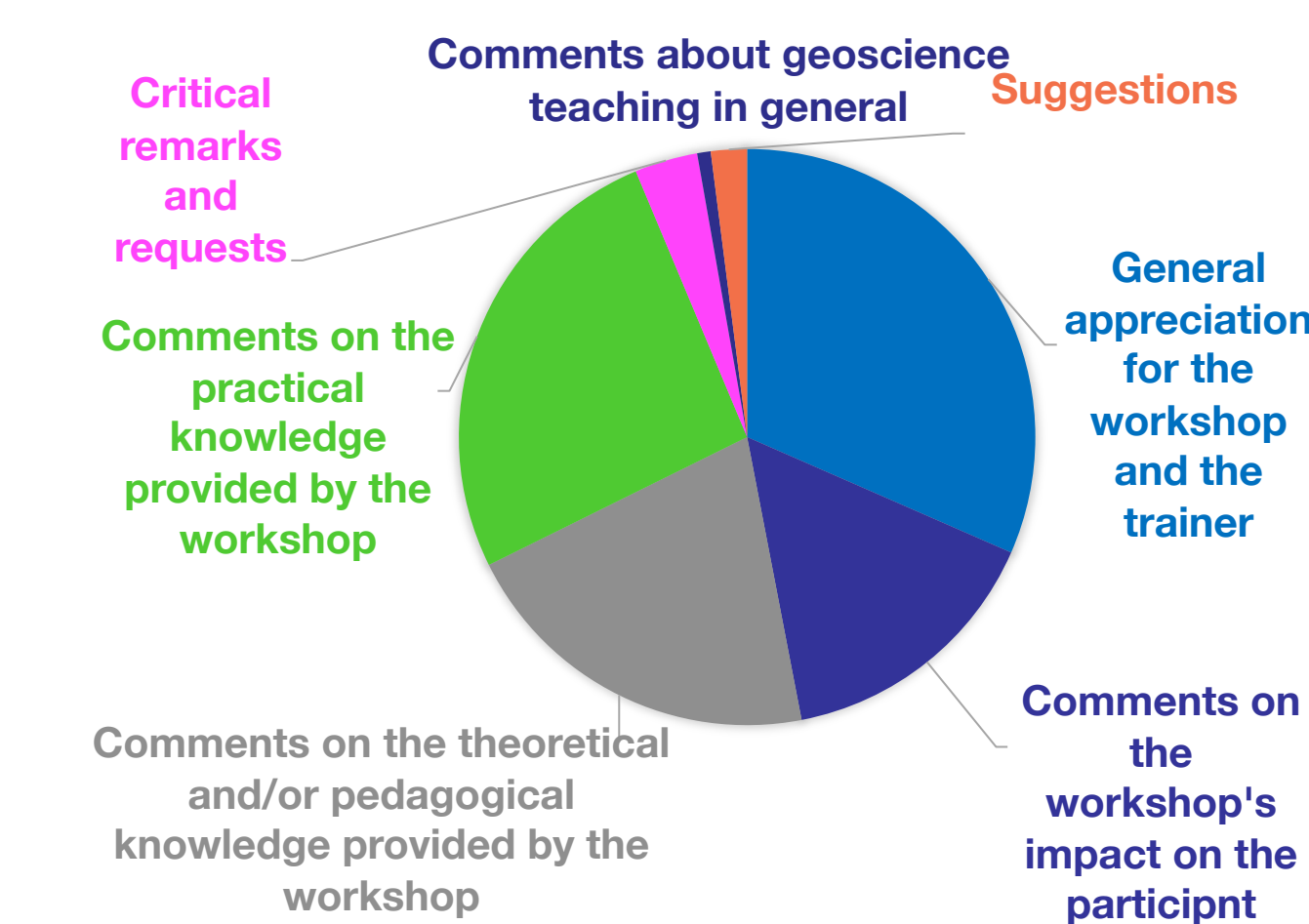


ASSESSMENT OF ITALIAN GEFO PROGRAMME: teachers' appreciation

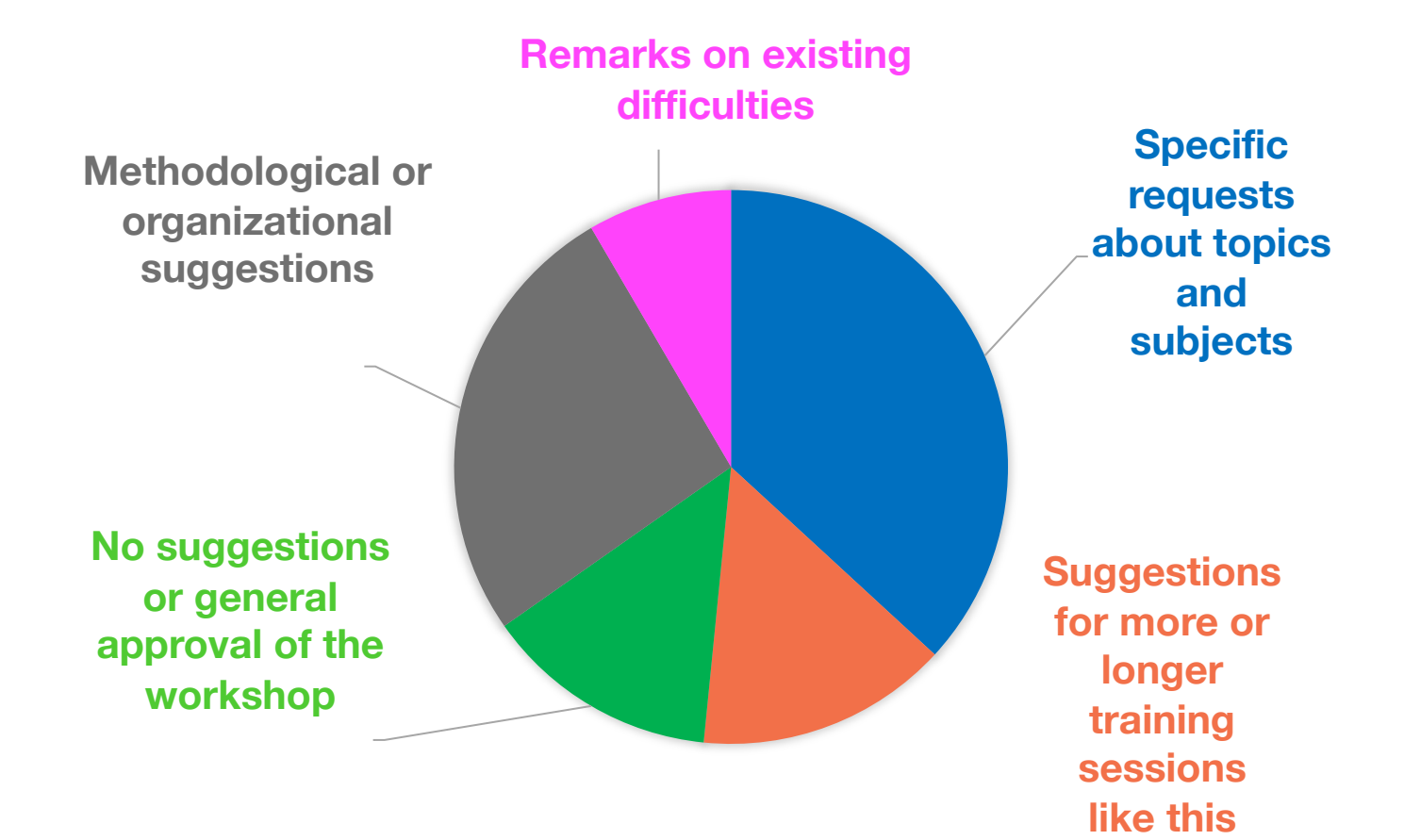
Teachers' interest



Teachers' comments



Teachers' suggestions



Pictures from GEFO's workshops, courtesy of Giulia Realdon

REFERENCES

- Realdon G., Occhioni M., Beccaceci A., Stacchiotti L., Invernizzi M.C. & Paris E. (2024) - Professional development of teachers across the COVID-19 pandemic: the EGU Geoscience Education Field Officer Programme in Italy. Rend. Online Soc. Geol. It., 62. Pages 2-7. <https://doi.org/10.3301/ROLI.2024.01>
- Realdon G. (2023) - Practical ocean literacy for all: ecology and exploration. Science in School, 64. ISSN 1818-0361 <https://www.scienceinschool.org/article/2023/practical-ocean-literacy-ecology-and-exploration/>
- Realdon G. (2023) - Practical ocean literacy for all: Earth science. Science in School, 63. ISSN 1818-0361 <https://www.scienceinschool.org/article/2023/practical-ocean-literacy-earth-science/>
- Realdon G., Correia G.P., Juan X., Coupechoux G., Baskar R., Bourgeoini Y. & King, C. (2021) - Watery world – hands-on experiments from Earthlearningidea. Science in School, 54. ISSN 1818-0361 <https://www.scienceinschool.org/article/2021/watery-world-hands-on-experiments/>
- Realdon G., Coupechoux G., Correia G.P., Juan X., Baskar R., Bourgeoini Y. & King, C. 2020. EGU (European Geosciences Union) Education Field Officer programme: teachers' appreciation, perceptions and needs. European Geologist Journal, 50,10-14.
- Correia G., Realdon G., Coupechoux G., Juan X., Baskar R., Bourgeoini Y. & King C. 2020. Geoscience Education Field Officer international programme: The first year of activity (May 2019 – April 2020). ASE International, 10, 11-21

