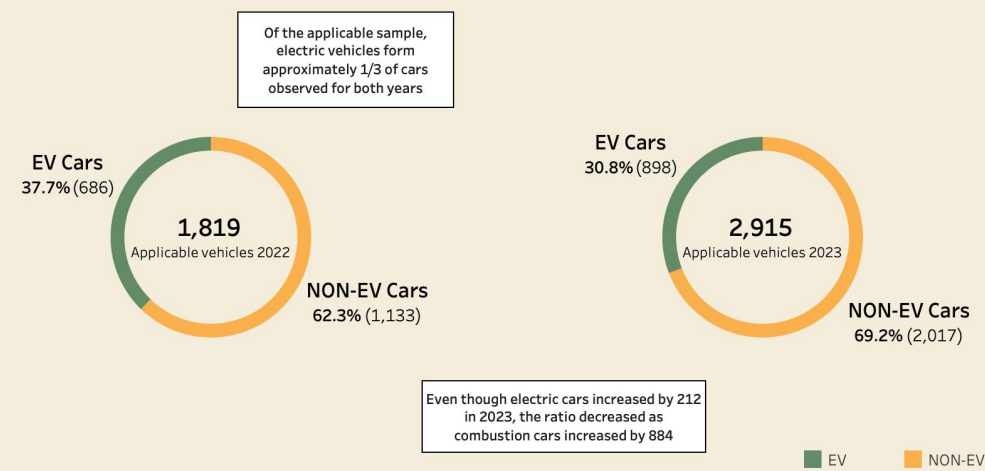


Have government grants induced an increase of electric vehicles at the University of Bath?

In March 2022 the UK government rolled out a plan to install **50,000 electric vehicle chargers** at universities, colleges and schools (Ref. 1).

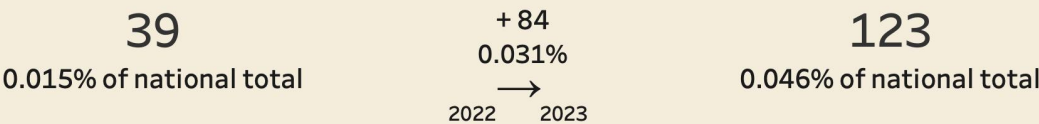
What effect has this grant had on the percentage of EV traffic between 2022 and 2023?

Fig 2. Electric and combustion engine cars comparison between 2022 and 2023



What percentage of UK electric vehicle owners visited the university on a single day?

There are currently **265,000 EV owners** in the UK (Ref. 3), therefore we can infer the portion of UK electric vehicle owners at the university using the daily maximum driving into the university.



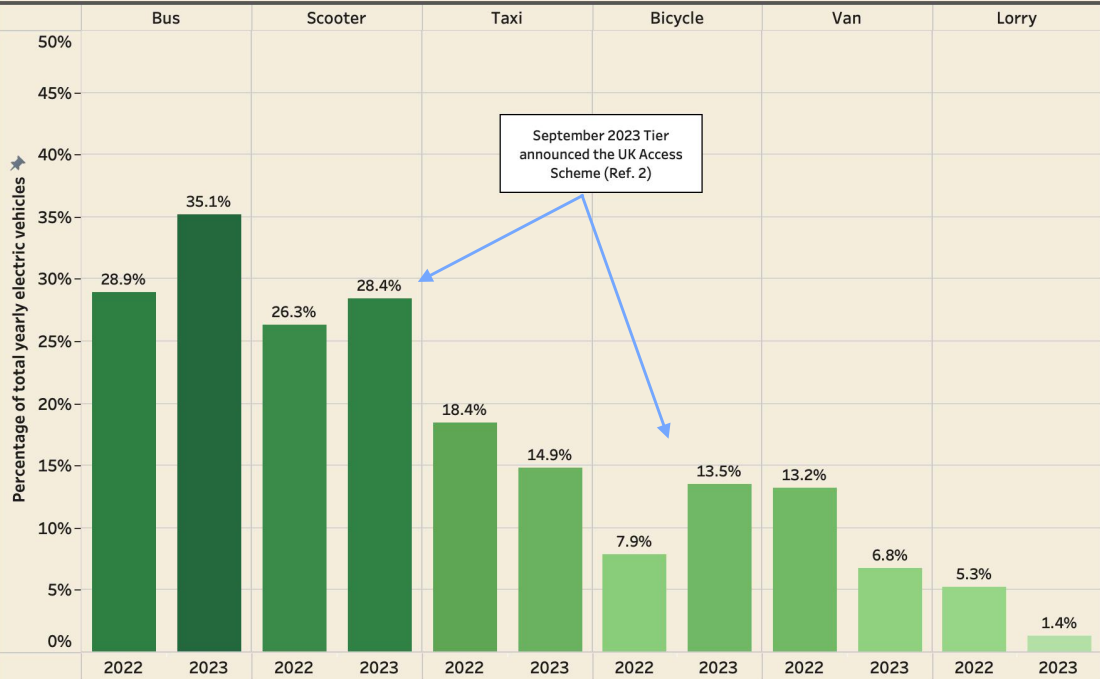
\* excluding bicycles and scooters

Fig 1. Number of electric vs combustion vehicles by type

	Car	All other	Total
NON-EV	3,150 (61.3%)	1,985 (38.7%)	5,135 (100.0%)
EV	1,584 (91.5%)	148 (8.5%)	1,732 (100.0%)
Total	4,734 (68.9%)	2,133 (31.1%)	6,867 (100.0%)

Since **cars** represent nearly 70% of all vehicles (Fig. 1), Fig.3 focuses separately on the rest of the vehicle types.

Fig 3. Electric vehicles by type and year as a percentage of respective yearly EV total



\* This chart concerns electric vehicles excluding cars



1: Matt de Prez. 2022. 50,000 EV chargers to be installed at schools, colleges and universities. [Online]. Available from: <https://www.fleetnews.co.uk/news/latest-fleet-news/electric-fleet-news/2022/03/30/50-000-ev-chargers-to-be-installed-at-schools-colleges-and-universities>  
2: Department of Communications. 2023. TIER launches shared e-bike and e-scooter service in Bath and Bristol. [Online]. Available from: <https://www.bath.ac.uk/announcements/tier-launches-shared-e-bike-and-e-scooter-service-in-bath-and-bristol/>  
3: Tom Bloor. 2023. The future is electric: How adopting EVs is good business. [Online]. Available from: <https://www.openaccessgovernment.org/future-electric-adopting-evs-good-business-evec/156358/>