

# Changing the world of research based on solid measurements

*Friday 19 July 2024 14:45 (15 minutes)*

Scientists are becoming more aware of the impact of their activities on the environment. They also want to base their analysis of the situation on measurements, leading to decisions to minimise their contribution to climate change and pollution. With this in mind, scientists in French labs started the Labos 1point5 collective in 2019, to collect what is already ongoing, study how research is being carried out, think about changes to promote in our teaching and research approaches, and provide tools to measure our labs greenhouse gases emissions in a standardised way. With GES 1point5, 100s of labs are reporting their yearly emissions from buildings, electricity, duty travel, commute and procurement. The latest addition includes emissions linked to the usage of large infrastructures such as CERN, large computing centers and astronomical observatories. The kit 1point5 and scenario 1point5 tools suggest measures and model their impact by 2030, aiming at a 55% reduction in GHG emissions.

## Alternate track

### I read the instructions above

Yes

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**Session Classification:** Sustainability

**Track Classification:** 18. Sustainability (accelerators, detectors, computing)