Mistral AI, ITU-T L.ClimAI

Environmental impact of Mistral models

Learnings:

ITU-T L.ClimAI

Guidelines for Assessing the Impact of Artificial Intelligence on Greenhouse gas emissions

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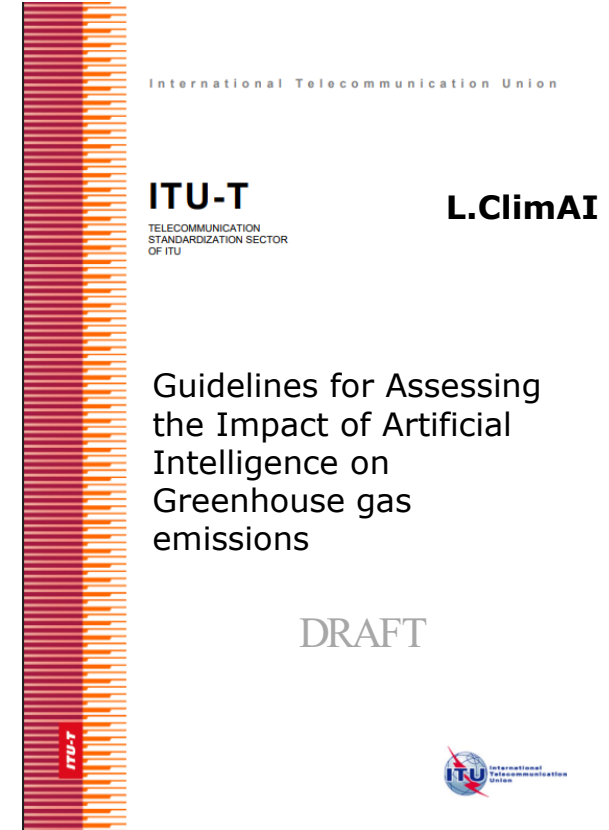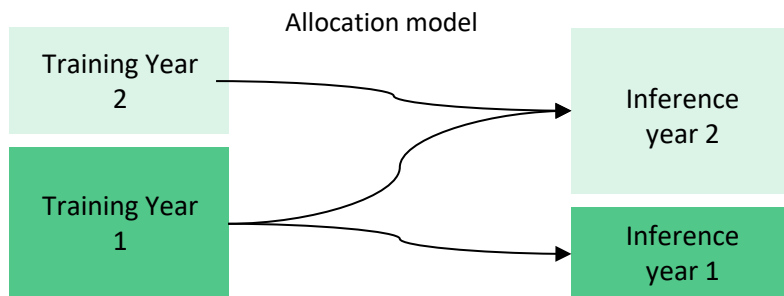
Environmental impact of AI in Switzerland

Google
Google's Zurich office, the largest research hub outside of the US with over 5,000 employees, focuses on advanced AI solutions across various domains like Google Maps, Search, YouTube, and cybersecurity.

Apple Vision Lab
Apple is operating the "Zurich Vision Lab", focusing on AI research in computer vision, machine learning, robotics, and autonomous systems. This lab is expected to significantly influence future Apple products, including the rumored Apple Car, AR/VR headset, and enhancements to Siri.

IBM Research Lab
Established in 1956, IBM's Zurich Lab is a pivotal AI research center, working on various AI advancements. IBM partners with Swiss giant ABB to develop industrial AI solutions using IBM's Watson supercomputer.
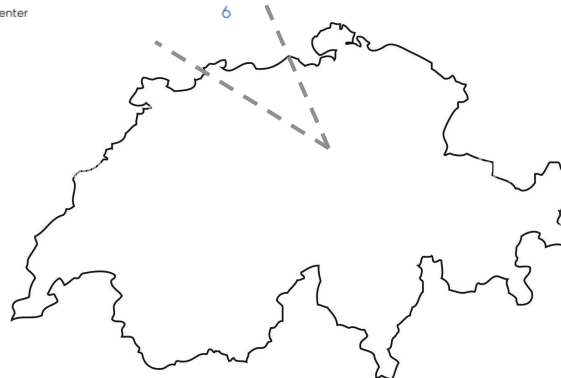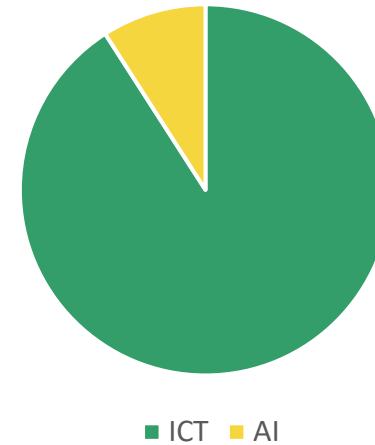
NVIDIA
Located in Zurich since 2008, the tech giant runs a R&D hub with over 200 employees to further develop its software and has aquired several ETH-spin-offs since establishing in Zurich.

Swiss AI Tower

ETH AI CENTER

Zurich

● Corporate
● Academia & Research

10km / 06. miles
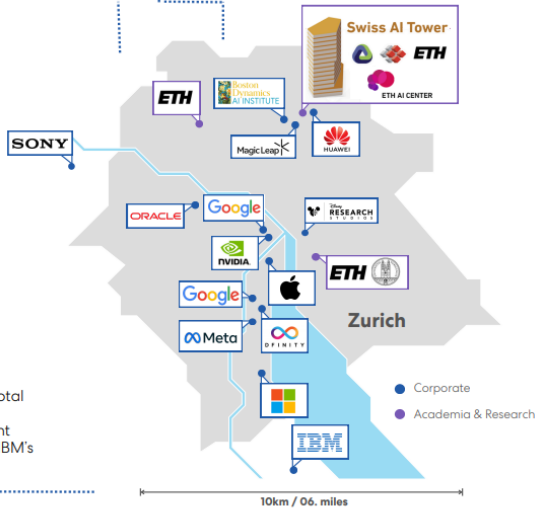
Visualization idea: ETH AI Center

6

Direct environmental impact of the ICT in Switzerland

■ ICT ■ AI

Based on ITU-T L.1450

This study is being done in partnership with ITU.

The results will be published in September.

International Telecommunication Union

ITU-T L.1450

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

(09/2018)

SERIES L: ENVIRONMENT AND ICTS, CLIMATE CHANGE, E-WASTE, ENERGY EFFICIENCY; CONSTRUCTION, INSTALLATION AND PROTECTION OF CABLES AND OTHER ELEMENTS OF OUTSIDE PLANT

Methodologies for the assessment of the environmental impact of the information and communication technology sector

Recommendation ITU-T L.1450

2