armasuisse Science and Technology

armasuisse Science and Technology develops innovative and effective solutions for the challenges of the future.

➢ analysing issues across the **entire spectrum of security technologies**

➢ testing and assessing the **operational, functional and effectiveness capabilities** and security requirements of current and future systems in the defence and security sector

➢ promoting novel and creative ideas by means of **innovation spaces**

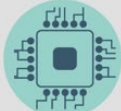**213** Employees including **26** university interns and **10** apprentices

Different job groups (including number of employees)

- 49 Electrical / Mechanical engineering
- 40 Physics / Mathematics
- 37 IT
- 28 Technical professions
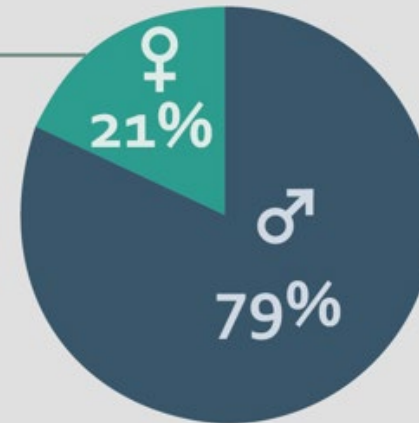- 19 Test pilots / Flight test engineers
- 15 Business Management
- 14 Chemistry
- 11 Commercial professions

+3% cf. to the previous year

♀ 21%
♂ 79%

56x Doctorate
40x Master's degree
31x Federal Diploma of Vocational Education and Training
26x Bachelor's degree
24x Professional Education

Research and Innovation

Research

- **NATO/SET acoustic experiments in Walenstadt**
  - knowledge of sensor systems that Switzerland does not have at its disposal
  - comparison of technologies based on a very large database under the same (urban) conditions

- **DARPA Challenge**
  - utilisation of Switzerland as a location for innovation in favour of the Swiss Armed Forces

- **International cyber defence exercise Locked Shields**
  - testing research instruments in a realistic extreme scenario
  - Switzerland can test its defence readiness in an international benchmark

Innovation

- **LBA sandbox**
  - automated readout procedure for weapon serial numbers

- **Cyber Defence Campus Challenge 2023**
  - innovative solutions in the field of smartphone application security
  - winner receives contract for proof of concept

- **C-UAV Bure 2021**
  - technology exhibition on drone technologies, presentations, live demonstrations and dialogue between government, industry and academia

- **ARCHE**
  - largest Swiss field robotics event
  - assessment of the technological maturity and suitability of Swiss robotics for disaster relief.