

ECS
BROKERAGE
EVENT

ACTIVE TECHNOLOGIES

Company presentation

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Company at a glance



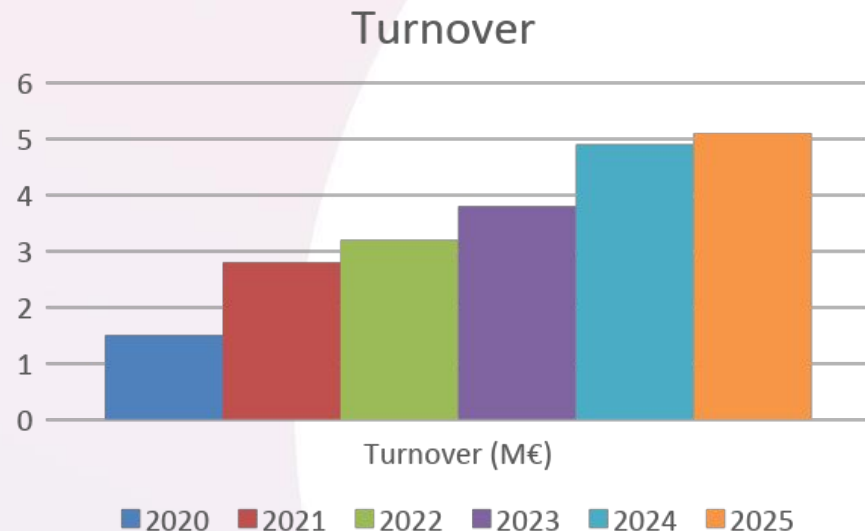
- **SME** located in north-east of Italy
- Sector: **Test & Measurement**
 - **Arbitrary Waveform Generators (AWGs)**
 - **Pulse Pattern Generators (PPGs)**



- Active Technologies is the only EU company with a complete AWG and PPG product portfolio (200 MSa/s to 20 GSa/s)



Company at a glance



- 14 employees (Dec.2025)
 - 10 in R&D dept.

- > 5 M€ Total revenue
 - ~ 350 K€ per employee

- **R&I expenses > 25 % of revenue**

- Experience in FP7, H2020, ECSEL and KDT projects
 - Currently partner in “HICONNECTS” KDT project (started 1st of Jan.’23)
- Since Jan.’23 member of AENEAS

Application & Market Area

- High performance AWGs and PPGs applications

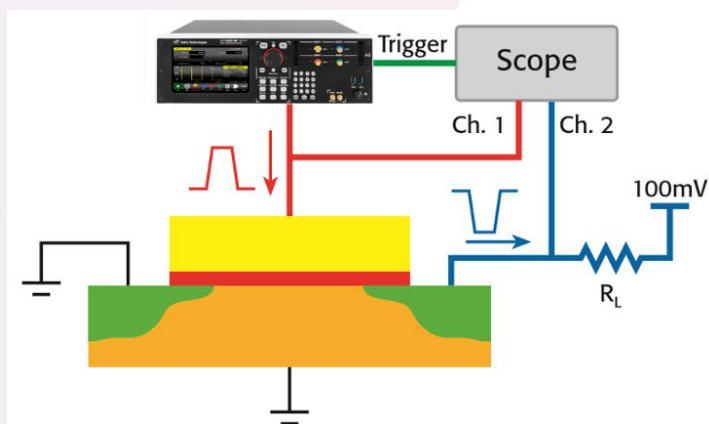
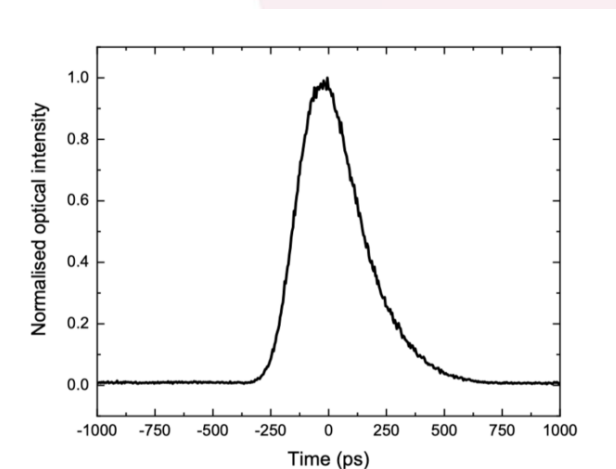
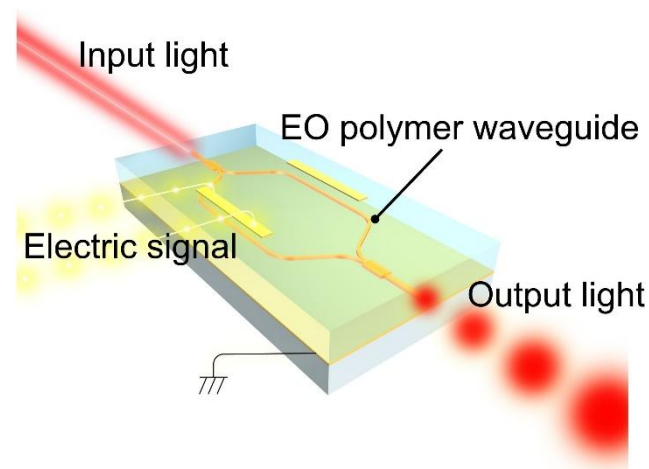


Figure 1: Principle scheme of a set-up for the I_d - V_g measurement.



- Semiconductor and material test
 - Electrical stimulus to drive DUT

• Q - Communication

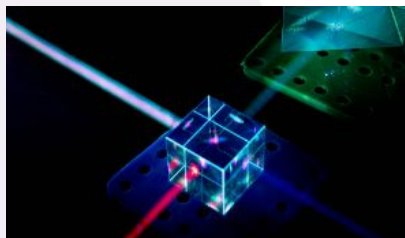
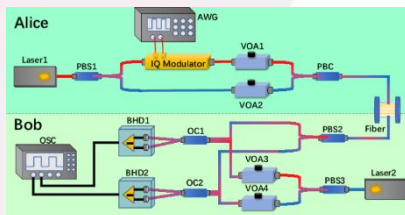
- EOM control
 - pulsed lasers
 - LIDAR

• Q-SENSING

- Fast Pulse Generation

Application & Market Area

- *AT is interested to cooperate in:*



- **Quantum applications**
 - Q-Sensing
 - QKD (Quantum Key Distribution)
- **Semiconductor characterization**
 - Fast Pulse stimulus
 - High speed test patterns
- **Photonic components characterization**
 - Hi speed pulsed lasers
 - LIDAR

Project Impact: *AT aims to Increase the market share of AWGs and PPGs “MADE IN EU”*

Projects & Developments

- *Technology roadmap:*
 - **Vector Signal Generators**
 - 20 GHz product planned for Q3 - 2026
 - 40 GHz platform in 3Y
- *Cooperation interest:*
 - **Strong interest in RF projects**
 - up to 40 GHz with wide modulation
 - Fast pulse sequences

Contact details

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