



You are a MEMS company:
how can you work with Leti and what can you gain with it?

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Leti's worldwide Microsystems-related industrial partnerships

How does Leti collaborate with the MEMS industry?

- **2 main ways of collaborating in the MEMS field with one mission: supporting industry**
 - Either, Leti promotes its own approaches (previously developed with internal funding or collaborative projects, example: *M&NEMS technology*) and adapts them to the customer's needs
 - Or, Leti can provide fully customized solutions based on the customer's specifications
- **Wide variety of projects sizes and scopes**
 - Some projects deal with process developments only, others with design only, others with all aspects (full prototyping including design, fabrication & characterization)

Different types of customers and their expectations

- **IDM**

- Design / feasibility studies of new devices
- Development of new devices (including design/fabrication/characterization)
- Development of new process modules or new full processes
- Technology transfers: design / process

- **Fabless**

- Same as IDM
- Possible transfer to their preferred foundry

Different types of customers and their expectations

- **Foundries**
 - Development of new process modules or new full processes
 - Wafer service for small quantities / few steps
 - Technology transfers of such processes
- **OEM / system companies**
 - Design / feasibility studies & prototyping (including fabrication) of new devices that don't exist in the products portfolio of MEMS companies
 - Technology transfers to IDM / fabless / foundries which will source the OEM in fine

Benefits of working on MEMS with Leti



- Leti, your MEMS R&D partner → a one-stop shop with unique versatility
 - Design & process / Packaging & characterization / Readout electronics & system integration