

You are a company believing in open innovation?

Looking for a new product with high added value?

SATT Paris-Saclay invests **270 k€** in the development of **an innovative ion source** to product **a larger variety of ions** in the **gas phase** compared with current technologies. We are looking for a **strategic partnership** to industrialize and commercialize it!

POLYIONS

The use case: Systems using focused ion beams (FIB)

Innovative ion sourcing to increase positive or negative ion portfolio

▶ Cs+ ▶ I- ▶ Many other possibilities

• **What is needed to improve FIB performance?**

The right ion for the right surface!
Better interaction between ion and surface to analyse

• **How the innovation answers the need?**

- Using Chemistry to broaden the scope of possible ions
- Patented technology

//// Project added value

**Polyions source compatible
with current FIB columns**

[Discover the project](#)

• **Working with SATT Paris-Saclay**

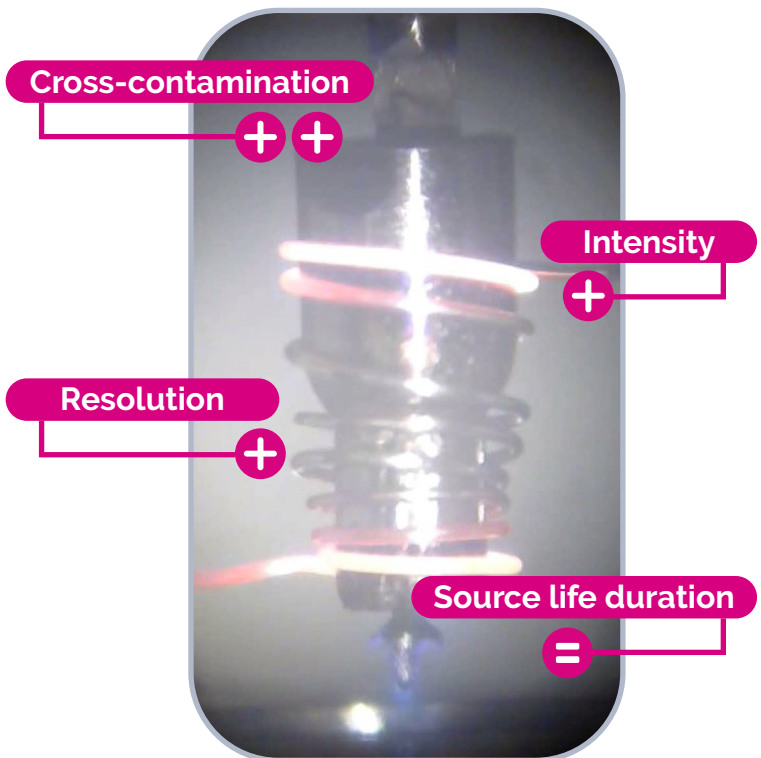
SATT Paris-Saclay business model is based on a virtuous model of early investment in research programs, licensed with a royalty based on a revenue sharing principle.

1 patent and a complete device designed, prototyped and tested will be licensed under exclusivity to our partner.

IP Status

Patent pending: March 2020

• **What is the effect on the beam performances?**



#Ion Source

#Focused Ion Beams

#Ion Portfolio

#High Brightness

#Increase FIB Use Case