

# IBS

Innovative ion implant

LECS

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FUTURE

2019



# Company at a glance

- France, Scotland, Singapour, US
- > 80 employees
  - 25 in R&I
- 15 M€
- R&I expenses representing 18% of sales
- Ion implantation equipments and processes, surface engineering for advanced nano-electronics and specialties (power, compound semi-conductors, imagers, sensors ...)
- [frank.torregrosa@ion-beam-services.fr](mailto:frank.torregrosa@ion-beam-services.fr)



> **PULSION : for advanced nano-electronic**

- > Logic and memories
  - > Servers, PC, smartphones ...



> **IMC / FLEXion : for R&D and production**

- > Specialties components
  - > Telecom, Power, IoT (capteurs) ...



> **AMAT series full refurb**

- > Proton separation process
- > Power, IOT 200 mm fabs

> **PULSION SOLAR :**

- > High performance solar cells



# Company's Activities

- Is there any previous experience with collaborative projects?
  - IBS, partner in past and running project :
    - Nano-electronics (ENIAC) : PLACES2BE 450 EDL, TAKEMI5,
    - Nano-electronics (ECSEL): TAPES3, OCEAN 12, PINS3
    - Power components : EPPL
    - 4.0 industry : Semi40 (ENIAC)
    - SiC : Challenge (H2020)
    - Diamond : GreenDiamond (H2020)
- What sort of interaction exists with one of the 3 Industry Associations or other ETPs?
  - Member of the board of AENEAS as SME representative
  - Visiting workshops / events
  - Work on SRAs / roadmaps



# Collaboration Expectations

Collaborative project of interest to you	<i>ECSEL, H2020</i>
Scope	<i>Develop new markets</i>
Project idea	<i>Specific ion implantation and related techniques and equipments for SiC component technology</i>
Project impact	<i>Develop equipment industry Strengthen European leadership in SiC</i>
Project consortium	<i>We are searching for partner(s) : Component design Substrates and component technology and manufacturing Application field (ie electrical vehicle)</i>
Other information	<i>optional</i>

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