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## Graphenea Foundry: a platform for the manufacture of graphene-based devices

Graphene has been the subject of intense research during the past decade. A myriad of findings with potential applications in many fields have been discovered, yet no commercial products that take advantage of its fantastic and exotic properties. The reasons for this will be discussed in this talk.

In an attempt to accelerate the development and the introduction of graphene technologies into the market, the Graphenea Foundry will be introduced in this talk. Following a pure-play model, our customers seize the different process flows to manufacture a wide range of device applications, tailored to their specs, especially suited for biosensing and photonic/optoelectronic applications.

### References

- [1] D. Akinwande *et al.* Nature (2019), 573-579
- [2] M. Lanza *et al.* Nature Communications (2020), 11 (2019)

### Figures



**Figure 1:** The GFETs S20 (left) and S22 (right), dedicated graphene biosensors.