



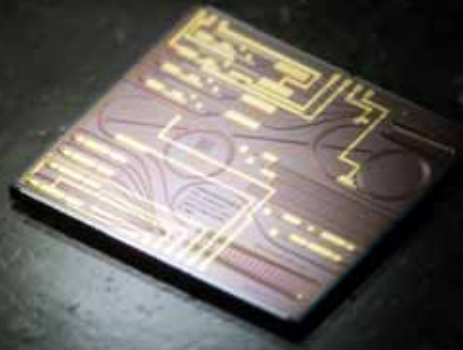
OIP4NWE Vouchers – be one of the first to benefit from the newly set-up Open Innovation PIC pilot line!

The OIP4NWE project aims at establishing an open innovation pilot line for the development of generic photonic integration technology. Equipment manufacturers, a pure-play foundry and researchers collaborate to establish the infrastructure and processes dedicated to the pilot production of photonic integrated circuits (PICs) based on Indium Phosphide. The capabilities will include packaging and external optics as well.

Be one of the first companies to test the PIC pilot line. After the pilot line has been set up and validated, a voucher scheme for 7 small and medium-sized enterprises will be set up to lift the technology readiness level (TRL) of their products from 4 to 7.

When is the call for vouchers opening?

The call will open around September/October 2020.



What are the minimum requirements to access the voucher call?

1. The applicant should be an SME according to the European definition. Applications of intermediaries such as consultants etc. are not eligible.
2. The applicant should be based in North-West Europe (regional and sectorial distribution will be pursued).
3. The applicant should have demonstrated the technical feasibility of his application proposal, i.e. the applicant should have a PIC design ready and preferably a validated prototype (the TRL level of their current PIC should be 4). Proposals for proof-of-concept type demonstrators are not eligible.
4. The applicant should demonstrate a business case for scale-up to volume production and/or how the funded project will positively impact on their future business.
5. Voucher recipients should agree to collaborate on documenting their use case (to be used as

dissemination material to attract other users of the pilot line, during as well as after the project).

What does the voucher cover?

- Mentoring and support on non-technical aspects of PIC implementation.
- Design verification to check compatibility of the PIC design with the OIP4NWE pilot line.
- Preparation of integration of the PIC into the product of the SME.
- Manufacturing of the PICs on the OIP4NWE pilot line.

How can I get into contact for further questions or a voucher application?

Please contact the leader of the OIP4NWE voucher scheme workpackage:

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The Interreg NWE-Project "OIP4NWE" aims at establishing an open innovation pilot line for the development of a generic photonic integration technology for the production of Indium Phosphide Photonic Integrated Circuits (PICs). Integrated photonics is the emerging technology where the manipulation of light takes place on a chip, making the components an order of magnitude cheaper, smaller and more energy efficient compared to today's solutions. By providing these services to SMEs across Europe, the project reduces PIC access barriers and strengthens the competitiveness and innovativeness of European SME sustainably on the global markets.

Current generic PIC facilities are of a laboratory nature and inadequate for manufacturing and packaging

PICs with cost-efficiency, speed and reliable quality. There is a strong need to increase the technology readiness level (TRL) from the current 4 to 7. The equipment for PIC manufacturing and packaging is of an innovative, specialised nature that cannot be obtained from a single country. As application of PICs grows, North-West Europe needs to stay ahead. Therefore, intense collaboration between innovation stakeholders at transnational level is an important goal of the project.

The project is funded by the Interreg North-West Europe programme, which fosters transnational cooperation to make North-West Europe a key economic player and an attractive place to work and live, with high levels of innovation, sustainability and cohesion.

www.nweurope.eu/oip4nwe