



European Regional Development Fund



## EUROPEAN UNION

European Regional Development Fund.  
*Funded as part of the Union's response to the COVID-19 pandemic.*

# FLEXIT

*The high volume supply chain for Integrated Photonics*

## receives subsidy for the following activities:

In the FLEXIT project, a supply chain for Photonic Integrated Circuits (PICs) is being developed. The FLEXIT-method is being used to integrate SiN and InP photonic components. Further development of the FLEXIT-method will enable processing large parts of photonic chips on industrial level. In addition, a variety of supply chain processes will be optimized to increase the performance of the technique. Two demo products will be selected to test the supply chain. These products will be developed upon and altered to fit into the new FLEXIT product standard which is fit for mass production.

On top of that a design-tool will be created on top of already existing software for development of products within the FLEXIT-method. Finally the whole digital chain will be mapped, enabling optimization of all production processes part of the supply chain.

FLEXIT is a collaboration of:



The operational program (OP) EFRO Oost-Nederland is a collective subsidy program of the provinces Overijssel and Gelderland and works for the structural reinforcement of the economy. The eastern Netherlands use the EFRO funds to stimulate innovation and a low-carbon economy. The goal is for SME-companies in the eastern Netherlands to generate more revenue from new products.