



The doctoral pilot programme
Innovative Doctoral Education Ecosystem
for Photonics I-DEEP



The doctoral pilot programme *Innovative Doctoral Education Ecosystem for Photonics* I-DEEP

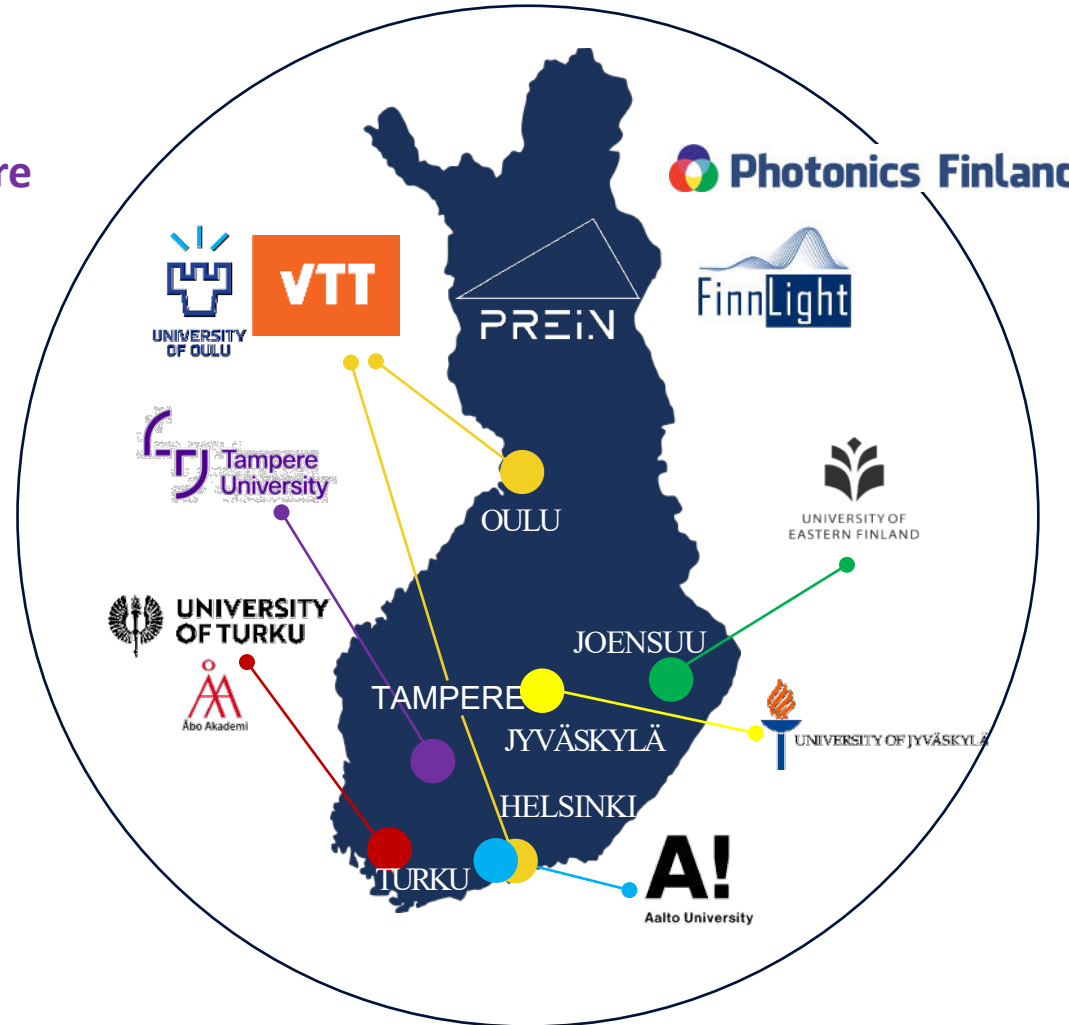
- I-DEEP consortium is based on the activities of
 - Flagship for Photonics Research and Innovation PREIN
 - Photonics national research infrastructure FinnLight
 - Photonics Finland
- **72 positions applied for and 72 granted** in the Research Council of Finland call for doctoral education pilot projects in Finnish Flagship areas 2024 –2027



I-DEEP Consortium

R&D Fields

- Optoelectronics
- Lasers
- Nonlinear optics
- Waveguides & optical fibre
- Photovoltaic
- Integrated optics
- Communication
- Plasmonics
- Printed optics
- Organic materials
- Quantum optics
- Biophotonics
- Spectroscopy
- Nanostructures & nanomaterials
- MOEMS
- Imaging



Doctoral Researchers

- Tampere University : 26
- University of Eastern Finland: 15
- Aalto: 14
- Åbo Akademi: 3
- University of Oulu: 4
- University of Jyväskylä: 6
- University of Turku: 4

Associated partners: VTT and Photonics Finland

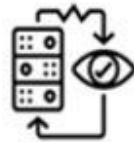
I-DEEP Key Aspects

I-DEEP Consortium



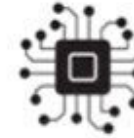
OBJECTIVES

- Reduced graduation time
- Innovative approaches
- Skilled R&D workforce
- Job Placement



MONITORING & FEEDBACK

- Steering committee
- Mentorship program
- Individual progress
- Quality assurance



HIGH-TECH & MANUFACTURING INDUSTRY



72 PhD Graduates employed in industry and academia

72 New Doctoral Researchers



MOBILITY

- Partner exchange
- Internships
- International collaboration research visit
- Industry

WORKSHOPS & NETWORKING

- Entrepreneurship
- Responsible science
- Scientific communication
- Dissemination & outreach

WORLDCLASS ACADEMIC RESEARCH

