



**VIGO**  
VENTURES

*Shedding light on the future  
by investing in photonics*

MANTRA

## To focus on global progress with photonics

*Photonics - the science of creating, manipulating, transmitting and detecting light that is literally everywhere, from smartphone displays to fibre-optic broadband to energy-saving LED lights to the laser surgery that saves our life. As light particles (known as photons) replace electrons in many of our most important technologies, innovations already in the pipeline will improve healthcare, grow food, save energy, cut pollution, expand connectivity, transform manufacturing and usher in a new era of mobility. - Europes' Age of Light!, Photonics21.*



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**EARLY STAGE PHOTONIC INVESTOR**

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## INTRODUCTION

We are an early-stage investor (pre-series A) for photonic and deep tech companies that brings hands-on business approach and possible follow-on investment up to €10mln.

We create growth opportunities for existing market segments and with our deep tech focus, create new ones. We invest across Europe with tickets up to 1,5 mln €.

We are drawn to teams determined to scale globally.

# VIGO VENTURES - PHOTONIC INVESTOR SNAPSHOT

FINANCING  
UP TO  
10 MLN€

ALL  
PHOTONICS  
FOCUS

~140 FIELD  
EXPERTS IN  
PORTFOLIO  
COMPANIES

HANDS-ON  
AND  
PROCESS  
APPROACH

EVERGREEN  
FUND  
STRUCTURE

PRE SERIES-A  
INVESTOR

PRIVATE  
CAPITAL

EUROPEAN  
FOCUS

IP AND  
TECHNOLOGY  
DRIVEN

## INVESTMENT CRITERIA

### Financing

- Up to € 1,5 mln (with follow-on)

### Technology

- Outstanding, scalable technology that **solves an identified, existing problem** or changes the status quo.
- Defined path of **technology development** and reaching the **commercialization stage**.
- The technology has a **platform approach**, so it can ultimately solve problems for several segments.

### Focus

- **Photonics**; B2B , sector agnostic, HW or HW+SW

### Stage

- Developed technology (**demonstrator / prototype**) at the level of min. TRL4/5 – preferred projects with developed products.
- Technology development path converging with a specific exit path, **addressing the requirements of potential acquirers**

## VIGO VENTURES Q&A

SCOPE	ANSWER
Standard ticket (€)	up to € 500 k
Min ticket (€)	€ 200 k
Max. total amount of investment (€) including follow on	up to € 1,5mln
Follow-on possibility from our LPs	up to € 10 mln
Preferred Investment stage	pre-seed, seed
Stake	~10-20%
Geographic	Europe
Investment horizon	~5 years
Preferred sector + preference HW and/or SW	B2B, sector agnostic, Photonics (HW or HW+SW), IP driven, pre-revenue, TRL 4/5
Type and LP's	fully private VC; 2 LP (growth focused VC/PE + photonic company)
Number of investments in portfolio	7 companies
Any other specific investment attractiveness triggers	First VC round; Deep tech, Semiconductors; Return on investment >10x; Soft-funding secured
Unique value added	Hands-on approach, semi-industrial VC with early stage, photonics and semiconductor focus

VIGO VENTURES - NETWORK  
HARD COMPETENCES

PIC DESIGN  
&  
FABRICATION

USER-SPEC  
TO TAPE-OUT  
- ONE-SHOP  
SERVICE

FABLESS  
DESIGN ASIC  
ANALOG &  
DIGITAL

ULTRA SHORT  
PULSE LASER  
DESIGN AND  
MANUFACTURING

PHOTONIC &  
ELECTRONIC  
INTEGRATION

EPI WAFER  
PRODUCTION;  
FRONT-END,  
BACK-END

SYSTEM  
INTEGRATION  
FOR INDUSTRIAL  
APPLICATIONS

QUANTUM DOT  
FORMULATION  
FOR DISPLAY  
SENSING &  
IMAGING

SENSING FOR  
INDUSTRIAL AND  
CONSUMER  
APPLICATIONS



VIGO VENTURES - NETWORK  
SOFT COMPETENCES

HR STRATEGY &  
TEAM BUILDING

ASSESESING AND  
RAISING  
ORGANIZATION  
MATURITY

FUNDING  
READINESS  
AND GROWTH  
PATH

INVESTOR  
NETWORK  
MATCHMAKING

COMMERCIAL  
GROWTH  
STRATEGY

PHOTONIC  
NETWORK  
MATCHMAKING

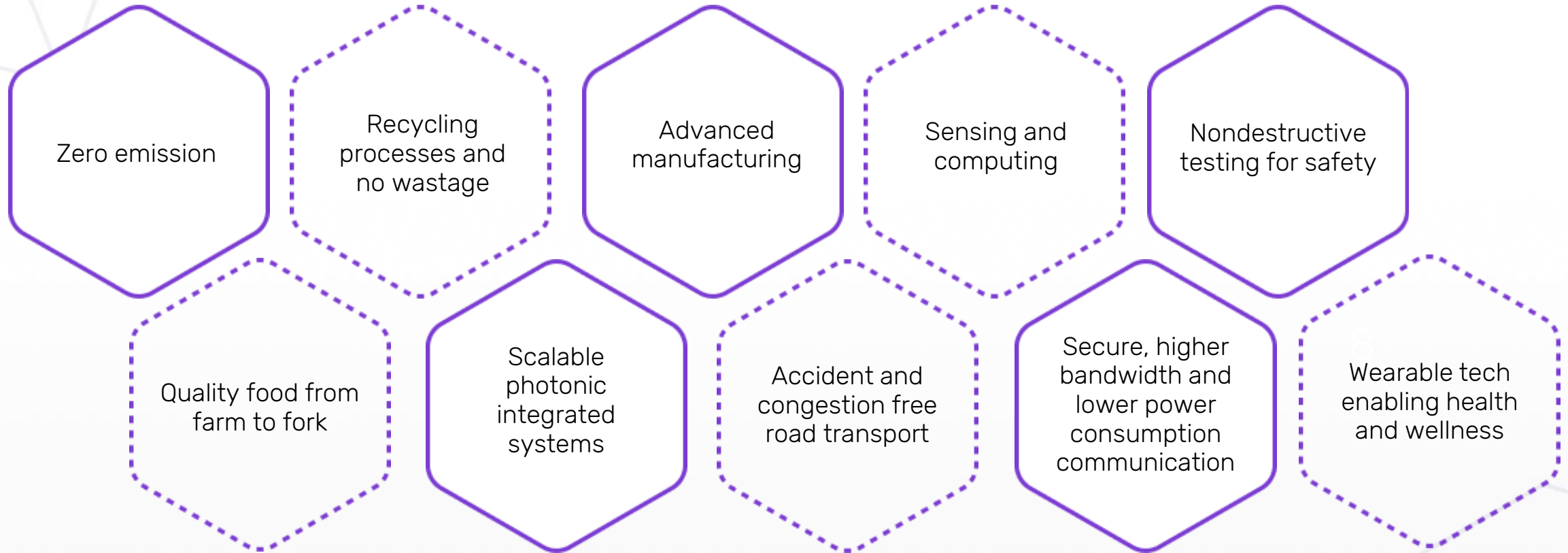
SOFT FUNDING  
SCOUTING AND  
WRITING

ELECTRONIC AND  
PHOTONIC  
SUPPLY CHAIN  
ACCESS

SCOUTING OF  
COMPLEMENTARY  
TECHNOLOGIES

## VIGO VENTURES - PHOTONIC INVESTOR - FOCUS

**Photonics is growing to become a trillion-dollar market in 2026.  
Our portfolio companies are already in line with identified trends.**



**Shedding light on the future by solving global Grand Challenges with photonics**

## PORTFOLIO

I.



**Fluence** proprietary all-fiber femtosecond laser technology. Industrial clients in place.

II.



**QustomDot** on-chip grade and ROHS-compliant quantum dots. Joint developement contracts and sales with industry clients in place.

III.



**KSM Vision** proprietary smart machine vision systems for industrial in-line quality control. Industrial clients and implementations in place.

IV.



**Deep Detection** multi-spectral X-ray cameras (with deep learning capabilities). OEM clients in place.

V.



**Photon IP** making advanced optical chips by eliminating trade-offs in photonic integration. Development done in reference with industry players requirements and standards.

VI.



**ChipCraft** the custom silicon design company (Analog & Digital). IP core provider. From user-spec to TapeOut – one-shop service. Industrial clients both for design and own navigational chip's in place.

VII.



**Quantune Technologies** is developing the first low-cost miniaturized quantum cascade laser (QCL) spectrometer for industrial and biomedical applications.

## MULTISTAGE FINANCING



## SMART MONEY – VIGO VENTURES INVESTMENT GROUP SYNERGIES



### VIGO Photonics

has gone the full way as projects that we are looking for – from the prototype to the world-class technology leader. The projects in which we invest, will have access to technological and commercial resources, contacts and experience in the commercialization of hardware projects.

- Business support (sharing business contacts, access to distribution channels),
- Potential joint commercial and grant projects
- Access to photonic experts
- Knowledge of the industry standards and supply chain



### Warsaw Equity Group

one of the oldest Polish privately held investment companies with over 20 years of history and an entrepreneurial DNA. Co-creators of the success of multimillion dollar-companies. The projects in which we invest, will have access to the business network and experience of WEG.

- Access to the network of experts and the WEG ecosystem (HR, PR),
- Sharing knowledge and experience of working with companies at a later stage of development,
- Partners for growth (organization, sales)

## REACH OUT TO US

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