

3D OPTICAL IMAGING IN THE BLINK OF AN EYE FOR IMPROVED TREATMENT AND DIAGNOSIS



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OCTLIGHT

*3D optical imaging in the blink of an eye
Enabling the next revolution in medical diagnosis*



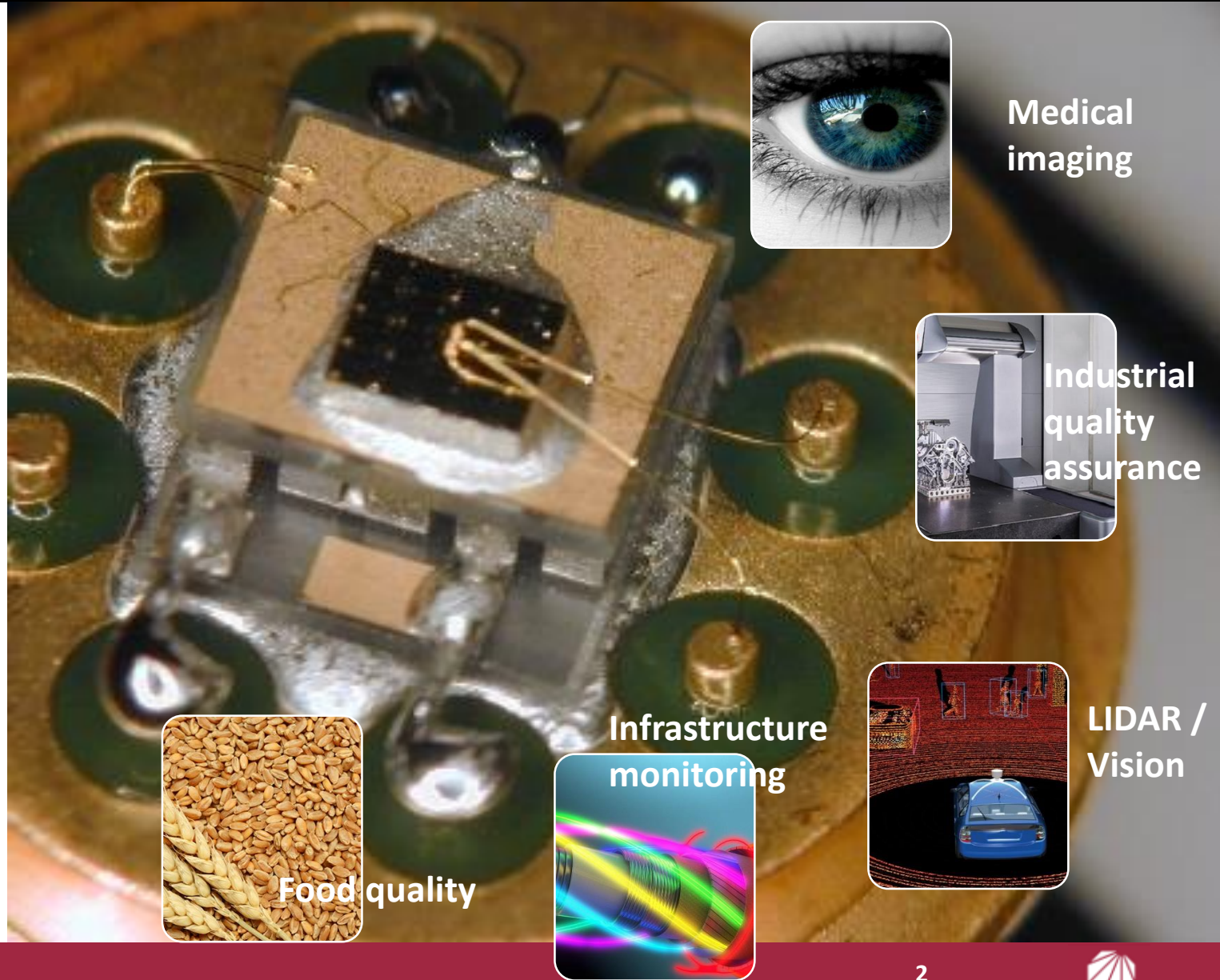
OCTLIGHT IS BRINGING TO MARKET A KEY ENABLING TECHNOLOGY

OCTLIGHT has developed a patented key enabling technology (KET)

Wavelength tunable VCSEL

Enabling a wide range of applications for OEMs

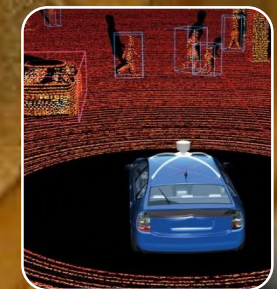
Beachhead market
Ophthalmic imaging



Medical imaging



Industrial quality assurance



LIDAR / Vision



Infrastructure monitoring



Food quality

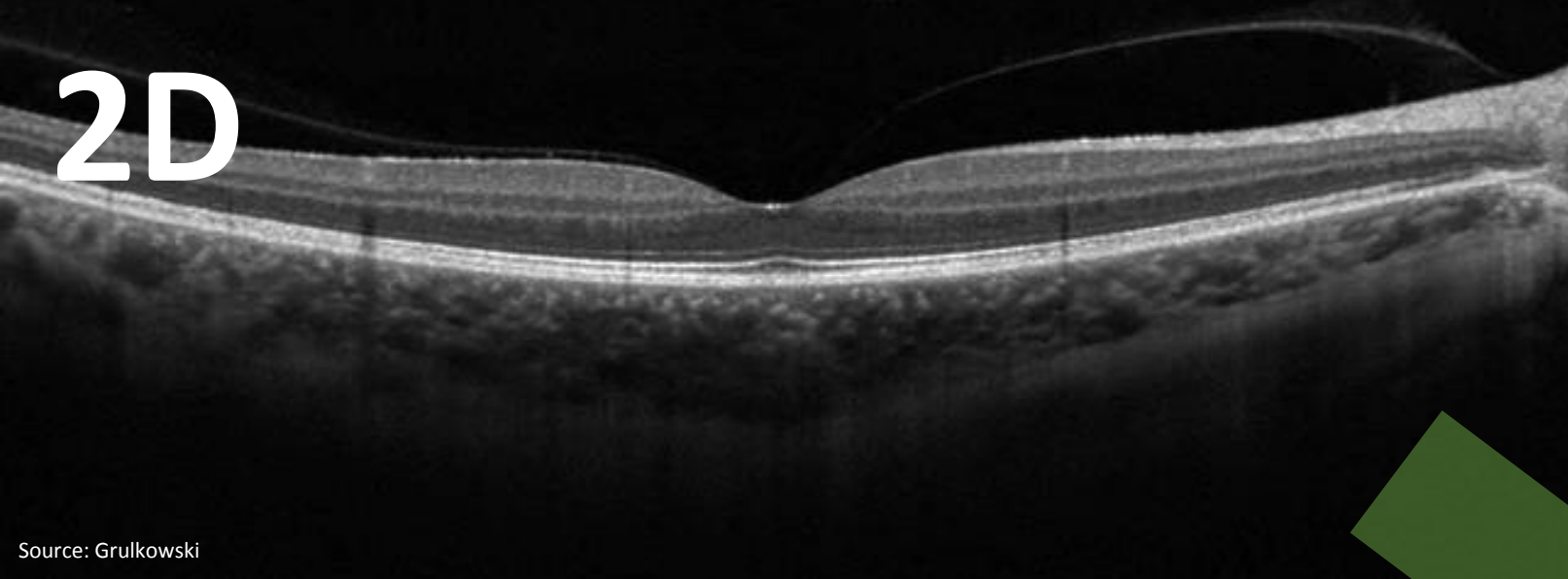




- **>30 billion** expenditure on eye care annually
- **285 million** visually impaired people in the world
- **>25% of people over 40 years** suffer from an eye disease

CUSTOMERS HAS PRODUCTS IN PIPELINE FOR FASTER IMAGING BUT LACK VIABLE SUPPLIER

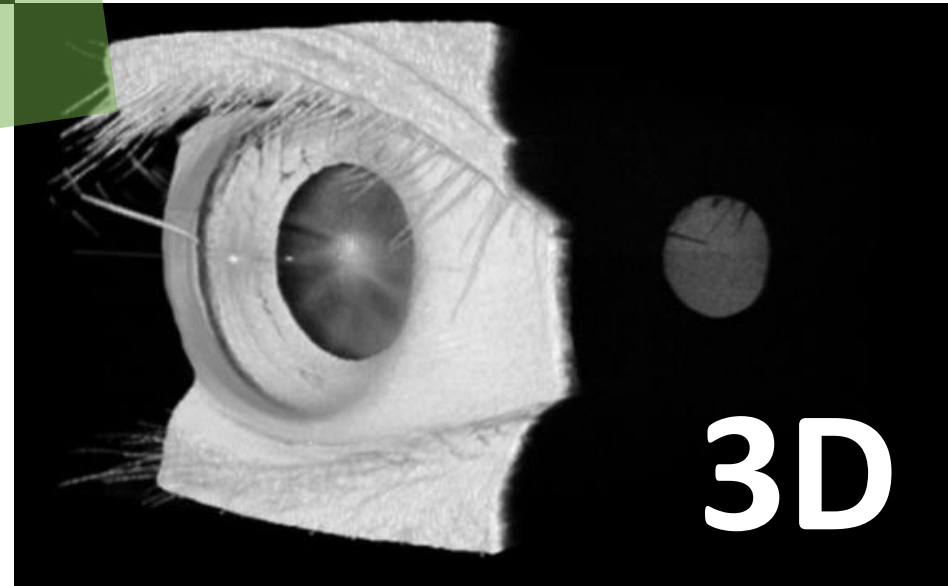
2D



Source: Grulkowski

- Need products for:
 - Wide field retina
 - Blood flow
 - Full eye
 - Surgical guidance

- MedTech companies are looking for the right technology
- VCSELs demonstrated to deliver on performance/price



3D

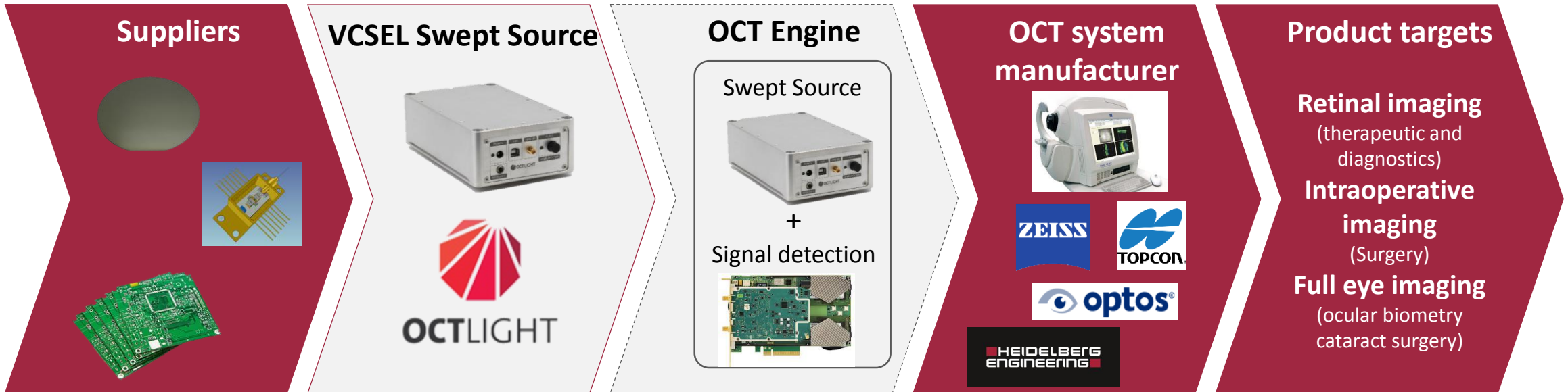


OCTLIGHT HAS BUILT A SUPPLY CHAIN FOR VCSEL BASED SWEPT SOURCES

Mix foundry model

Product

Integration and market access with MedTech partners



OCTLIGHT HAS BUILT A SUPPLY CHAIN FOR VCSEL BASED SWEEP SOURCES



2013-2015

- ✓ Laser chip technology and prototype
- ✓ First customer testing
- ✓ OCTLIGHT ApS established



Technical University of Denmark



2015-2018

- ✓ Functional prototype
- ✓ Testing with Top Tier Ophthalmic customer
- ✓ Commercial discussions started



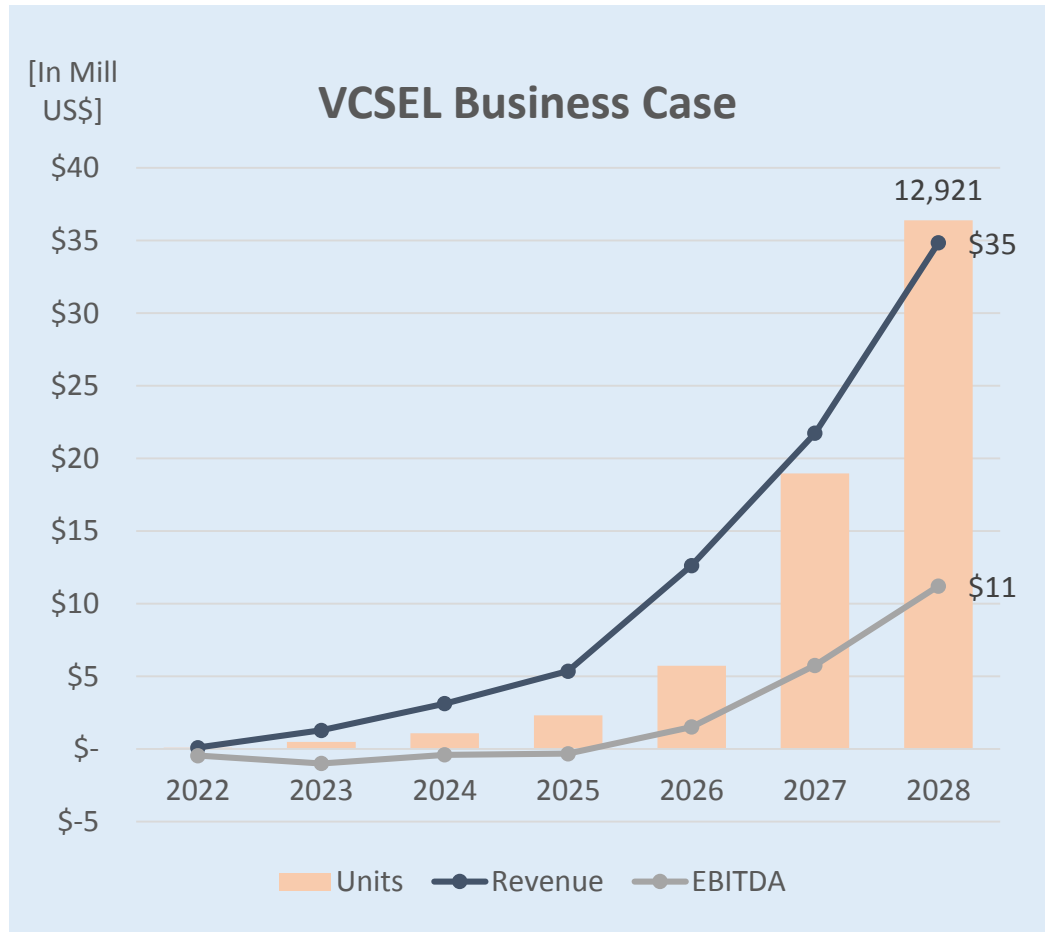
2018-2024

- ✓ In-vivo imaging
 - Design-in
 - Series production
 - Market expansion

4-5MEUR investment



USD 13 million revenue in 2026 with VCSEL-based products



Bottom-up forecast

2,000
unit sales in 2026

Price and quantity indicated by RFQs

44%
gross margin

3
key world regions



FOLLOW-ON MARKET - EXPANDING SCOPE OF APPLICATIONS

Addressable markets

Ophthalmology



Cardiology



Dermatology



Oncology



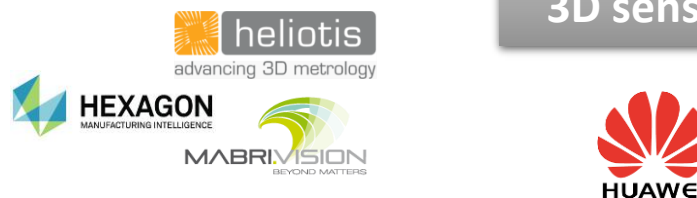
Respiratory



Ear, Nose, Throat



3D sensing



Dentistry



Urology



Gynaecology



Automotive LIDAR



Industrial quality monitoring

Market revenue bn USD (CAGR %)

1 (10%)

0.6 (7%)

9 (12%)

1 (6%)

3.3 (30%)

0.7 (35%)



OCTLIGHT IS LOOKING FOR STRATEGIC PARTNERS TO SCALE OUR TECHNOLOGY IN KEY MARKETS



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