modulight

Modulight

Tulevaisuuspäivä Eduskunnan tulevaisuusvaliokunta



Petteri Uusimaa 1.3.2019 Lasers and optics for personalized medicine and better life.



Modulight, Inc.

- ☐ Spin off from ORC at Tampere
 University of Technology in 2000
- Profitable privately held company with 18 years track record
- Exclusive supplier to 9 pharmas & world leading cancer centers in USA & Europe
- Long track record of making all kinds of semiconductor lasers & pumps (400–2000 nm)
- ☐ Certified ISO13485 QMS in 2011, ISO9001 & 14001 in 2002
- Co-branded & OEM products currently shipping to all continents except Antarctica
- □ 600 000 pcs of 9xx-nm pulsed lasers in 2015 for LIDAR





Life sciences

- Medical laser systems
- □ Oncology
- □ Ophthalmology

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- Optogenetics
- Pharmaceutical safety & testing





Subsystems for challenging optics & electronics • Processing



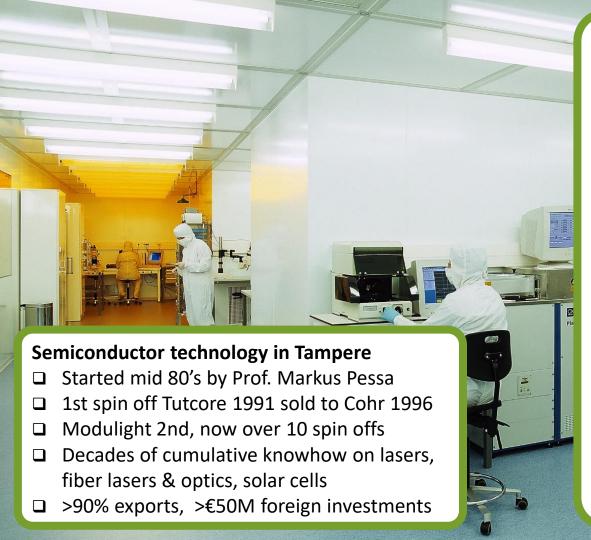
Services

Regulatory & engineering • Lifecycle support









Modulight Capabilities

- ☐ In-house laser production & design— come and see
- True supply chain control
- Independence from third party decisions
- Full traceability to the level not available from competing laser companies
- MADE IN FINLAND quality controlled and ethical work place
- Premises and factory all owned by Modulight
- ☐ Comprehensive regulatory, lifecycle & field support
 - □ Demonstrated capability to develop numerous laser related products and exceed customer expectations – talk to us for more!

Worldwide laser markets €15B

Medical laser markets €1B

Surgical, therapy and ophthalmic laser markets €400M





