COMPANY PRESENTATION

March 29, 2023 Dr. Mikko A. Juntunen



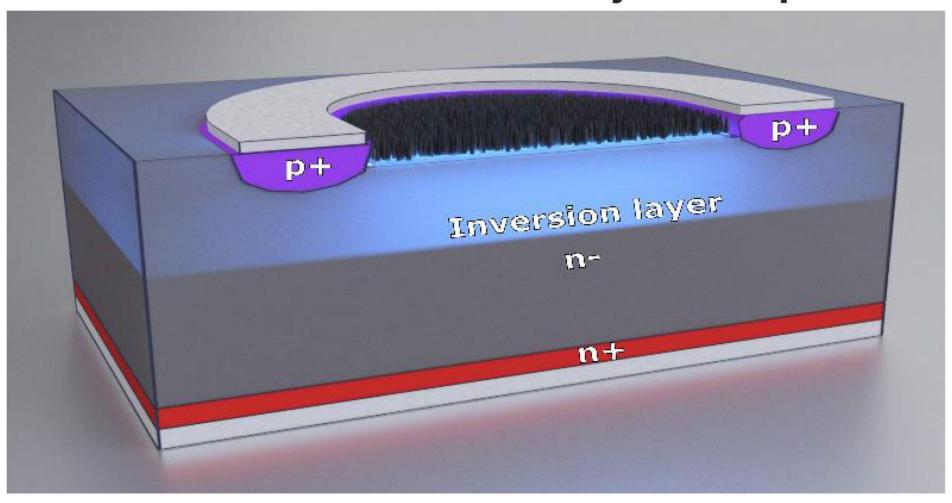
ElFys provides light sensors with

- Sensitivity exceeding anything seen before
- Patented nanotechnology
- Application proven performance
- High volume in the near-future



Invention: black silicon induced junction photodiode

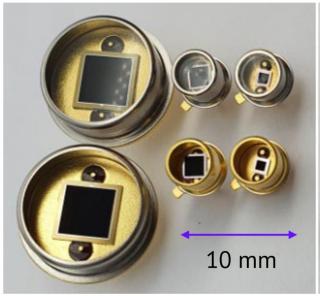


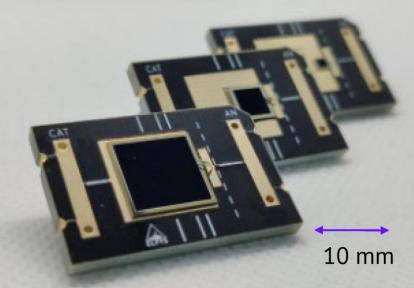


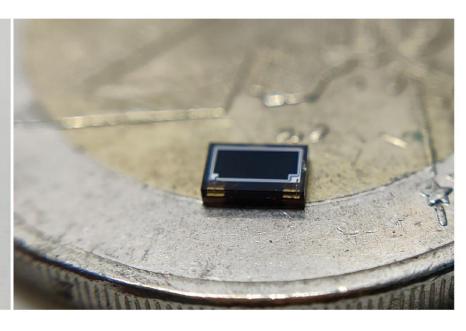
Juntunen, et.al., Nature Photonics 10, 777-781 (2016)

ELFYS

EIFys products



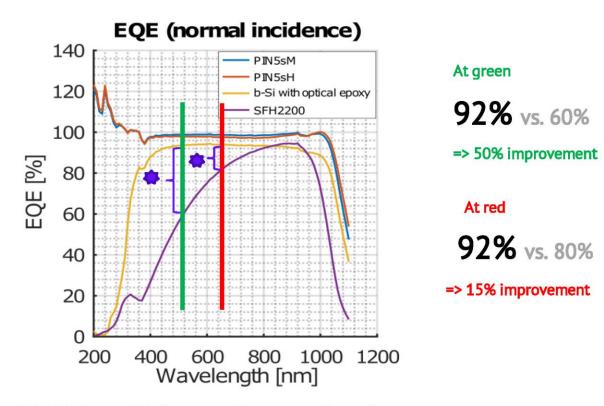




- ElFys has raised €6M during 2021-2022 for scaling up production
- Investors include Samsung and founders of Oura ring



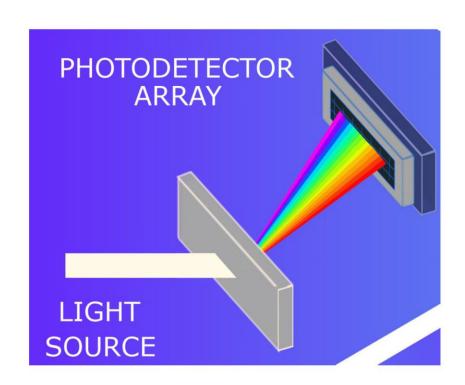
Comparison ElFys vs. competition



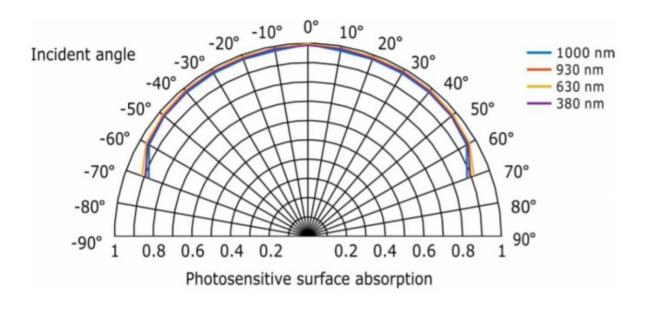
- More accurate data with higher efficiency improved performance, new parameters and features
- Less power needed to achieve same signal as before extended battery life
- Smaller diode can be made to obtain same signal as before smaller device, design freedom
- Similar benefits apply to any light sensing application

Wide effective sensing angle





Ultra large effective incident angle, 90% @ 70°



- Higher photosensitivity across whole Si spectrum
- Simple optical system design without reflection

EIFys team



15 full time, 2 part time personnel

- 7 women
- 5 nationalities
- 7 native languages (+ English)

M.Sc. Daria Kriuvova

Test Engineer

D.Sc. Ji Fan

M.Sc. Mikko Rasa

D.Sc. Mikko Juntunen

CTO, board member

Manager, Sales and Marketing CEO

Program Manager

B.Sc. Laura Tervo

Process Engineer

M.Sc. Michael Serue

Project Engineer

D.Sc. Juha Heinonen

Manager, Operations

D.Sc. Toni Pasanen

Project Engineer

M.Sc. Susanna Heinlahti

Controller

M.Sc. Sanni Lassila

Process Engineer

Lic.Sc. Timo Koljonen

D.Sc., MD Antti Haarahiltunen

VP Operations

Not in the picture:

M.Sc. Tapio Sulkava

Chairman of The Board

D.Sc. Juha Toivanen

VP Business Development

D.Sc. Chiara Modanese

Sr. Project Engineer

M.Sc. Camilla Koivu

Marketing

Prof. Hele Savin

Senior Scientific Advisor

D.Sc. Ville Vähänissi

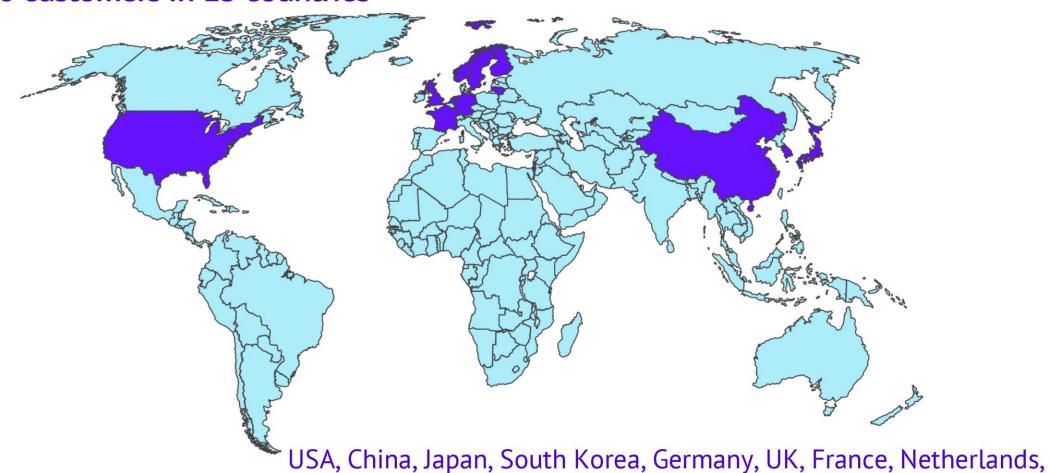
Project Engineer



Serving customers globally



>50 customers in 13 countries



Israel, Sweden, Norway, Lithuania, Finland, and more to come!



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