

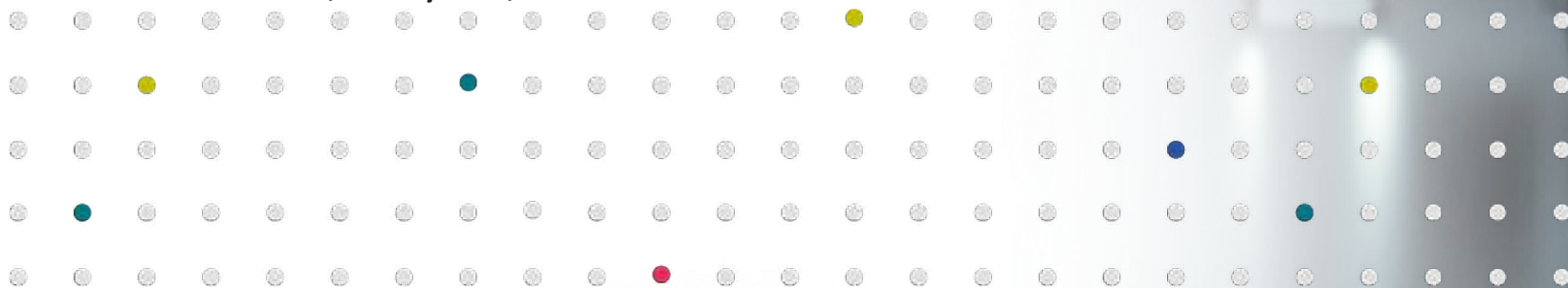


Powering the microelectronics of tomorrow

Company overview

EUTechSovereignty2025

Warsaw, May 26, 2025



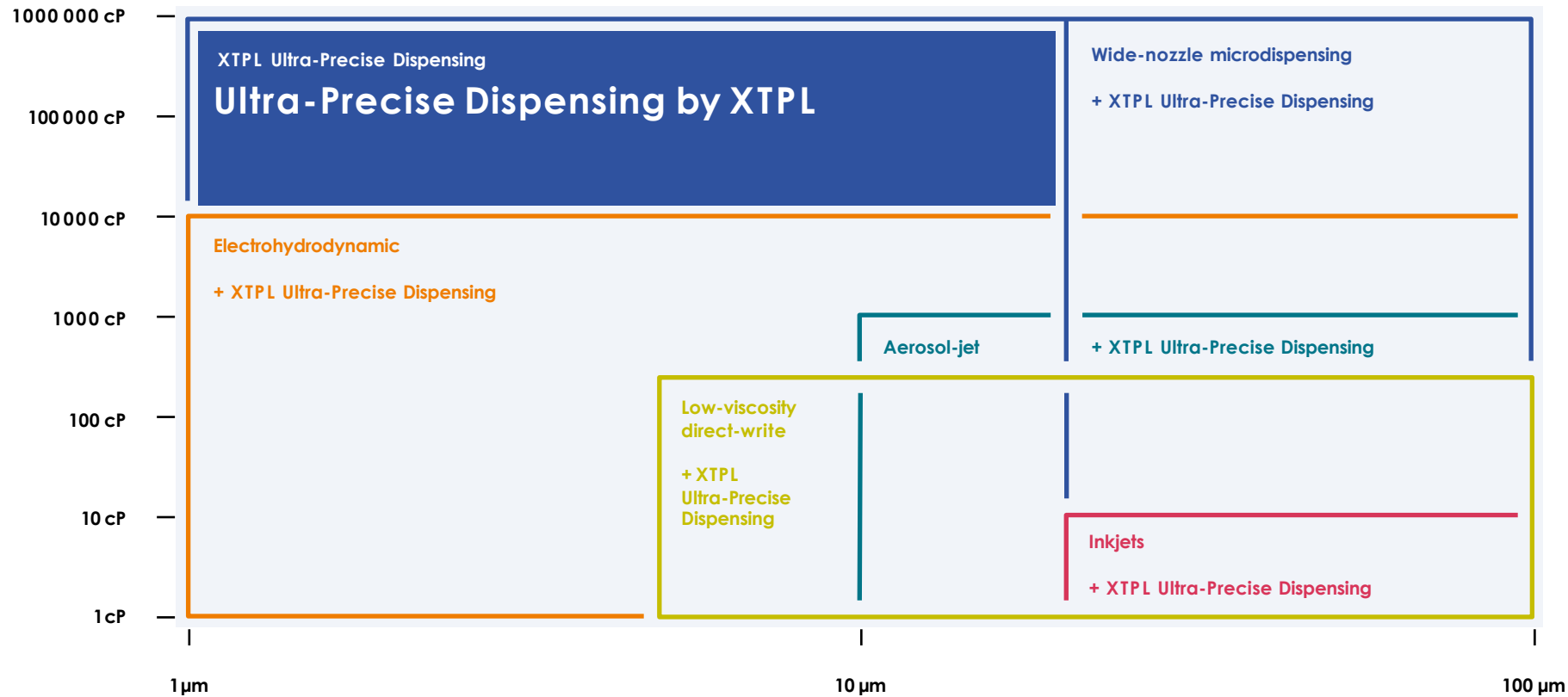
Company at glance



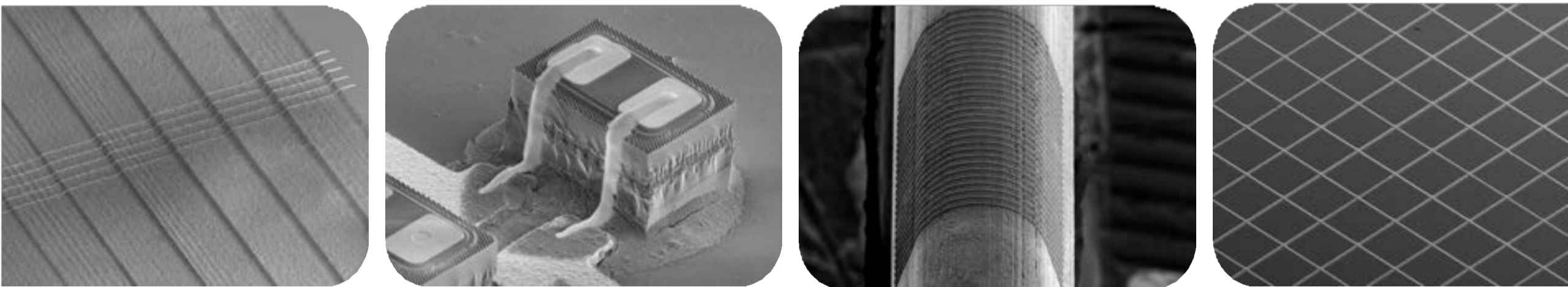
- Established in 2015
- HQ in Wrocław, Poland
- XTPL Inc. office in Boston, USA
- 17 distributors worldwide
- Publicly listed on WSE (2019) and FSE (2020)
- Interdisciplinary team of 70 professionals, including PhD researchers and subject matter experts
- IP consistently built through an expanding global portfolio of 44 patents



Game changer: Ultra-Precise Dispensing



Game changer: Ultra-Precise Dispensing



UPD technology sets a new standard in terms of resolution, viscosity and size of conductive structures

- Dispensing down to 1 μm feature size
- High resolution
- Material viscosity range 10–1 000 000 cP

XTPL Powering the microelectronics of tomorrow

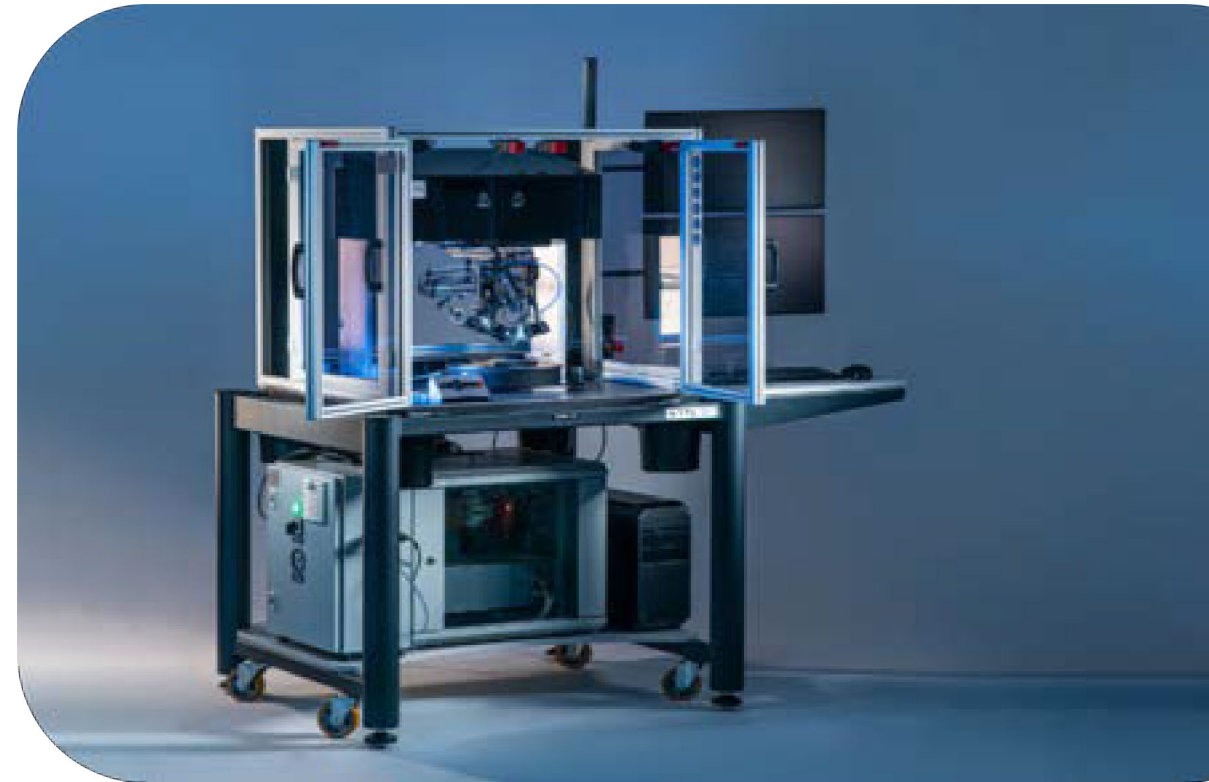
- No overspray = no short circuit
- No electric field required
- Complex and various substrates: polyimides, glass, flexible foil, silicon wafers etc.

Delta Printing System (DPS)



Proven one-stop-shop in R&D and commercial settings:

- Stand-alone, open platform
- Prototyping and small-volume/nest production
- Freedom of control over printhead
- Flexibility of User Interface: manual mode, CAD import, advanced scripting
- Fast and easy changeover of nozzles and cartridge



UPD System



Customized, integrated printing engine (HW, SW, peripherals and accessories)

- System for integration with running production lines
- Suitable for continuous/flow line production
- Small to high-volume production
- Compatible with DPS accessories and materials
- Easy changeover of cartridge and nozzles
- Single or multi-nozzle compatible



Nanoinks and nanopastes

- Conductive nanoinks and nanopastes based on nanoparticles
- Make-to-order materials
- Silver product family for academics, and global industrial partners
- Gold conductive nanopaste
- Copper products under development



XTPL as a beneficiary of EU grant programs



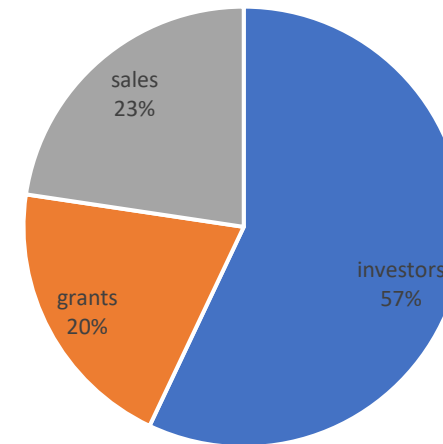
2015 - 2025

9 grant projects under 4 programs:

- **Smart Growth Operational Program
2014–2020**
- **Regional Operational Program for Lower
Silesia 2014-2020**
- **GO_GLOBAL.pl**
- **Horizon Europe**

total value of funding awarded PLN 34 million

Sources of Financing



XTPL as a beneficiary of EU grant programs



First patent applications

POIR.02.03.04-02- 0001/16-07

Development of Ink Formulations and Methods of Application

POIR.01.01.01-00-1690/15-02

Prototype of Printer

RPDS.01.02.02-02- 0014/17

Debut on New Connect

UDA-POIR.03.01.05-02-0003/17-00

Development of UPD Technology for Active MicroLED displays

HORIZON-CL4-2021-DIGITAL-EMERGING-01

Development of UPD Technology for complex topography

POIR.01.01.01-00-1852/20-03

Development of UPD Technology for TE-OLED displays

POIR.01.01.01-00-0998/20-04

Development of UPD Technology for Sensors

HORIZON-CL4-2023-RESILIENCE-01-33

2015

2025



**Thank you for
your attention**

