Flexible OLEDs have unlocked a world of great new lighting applications. They bring fresh solutions to ever-present challenges and create surprising applications in many new markets.

The reward for being the first is a huge boost for your reputation as an innovative brand. Though welcomed by everyone, including production management and shareholder, concerns about the commercial viability are realistic. Let’s face it, the road from ideas and designs to affordable production concepts is often long and bumpy. It requires substantial investments, and involves corresponding risks.

Lyteus operates on this intersection, balancing design and production. Our aim is to enable you to bring applications to the market that are both mind-blowing and feasible.

The Lyteus Partnership
Coordinated by the Holst Centre, Lyteus gathers fourteen expert partners from five European countries with a world class reputation in the industry.

Netherlands
Germany
Finland
United Kingdom
Czech Republic

Contact
If you are interested to know how your business can benefit from working with Lyteus and its pilot line, please contact us at www.lyteus.com

Lyteus is an initiative of the Photonics Public Private Partnership co-funded by the European Union’s Horizon 2020 Research and Innovation Programme under Grant Agreement No 688093 (project PI-SCALE).
Introducing Lyteus

Lyteus joins the forces of Europe’s experts in flexible OLEDs and state-of-the-art manufacturers. We provide access to both the knowledge and the production facilities to customize flexible OLED lighting.

ANY SHAPE
ANY COLOR
HIGHLY BENDABLE
LIGHT WEIGHT & ULTRA-THIN
TRANSPARENT OR REFLECTIVE

UNIQUE LIGHT FEATURES
Flexible OLEDs pave the way for applications that cannot be achieved by any other lighting source. With Lyteus, you are always at the forefront of the technical possibilities of flexible OLEDs. Many of our product features are world novelties, allowing you to create lighting that is beautiful to look at while retaining full design freedom.

USING THE PILOT LINE
The pilot line provides independent, open access capabilities:
- High performance moisture barrier and electrode films
- Sheet-to-sheet and roll-to-roll flexible OLED lighting fabrication
- Flexible device encapsulation
- Lamination, bonding and system-level hybrid integration of thin film flexible electronics

OUR PART IN YOUR INNOVATION
We enable you to develop first-of-a-kind innovative products with flexible OLEDs’ lighting. Our pilot line offers the latest innovations on flexible OLEDs’ lighting, bridging the gap between R&D and mass manufacturing on features and quantities:
- Prototyping and pilot production of customized flexible OLED devices
- System-level integration of flexible OLEDs’ lighting into prototypes
- Access to independent specialists and know-how of flexible OLED lighting technology

MARKETS AND APPLICATIONS
The application area of flexible OLEDs is practically unlimited. Our expertise covers a wide and continuously expanding range of markets.

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Automotive & Transport
Customized interior and tail lighting and signage for advanced design, safety and comfort

Designer Lighting & the Built Environment
Large-area, customizable lighting and signage for integration into ceilings, walls, flooring, furniture, information points and infrastructure in the built environment

Smart Packaging & Retail
OLED signage in product packaging for enhanced point of sale and consumer interactivity

Aerospace & Marine
Cabin lighting and signage that is lightweight, ultra-thin and any shape, including long flexible strips

Sport & Leisure
Beautiful new design applications that can resist tough conditions

Other
Also for many other markets, customers engage with the Lyteus pilot line to obtain easy access to the unique features that OLEDs provide