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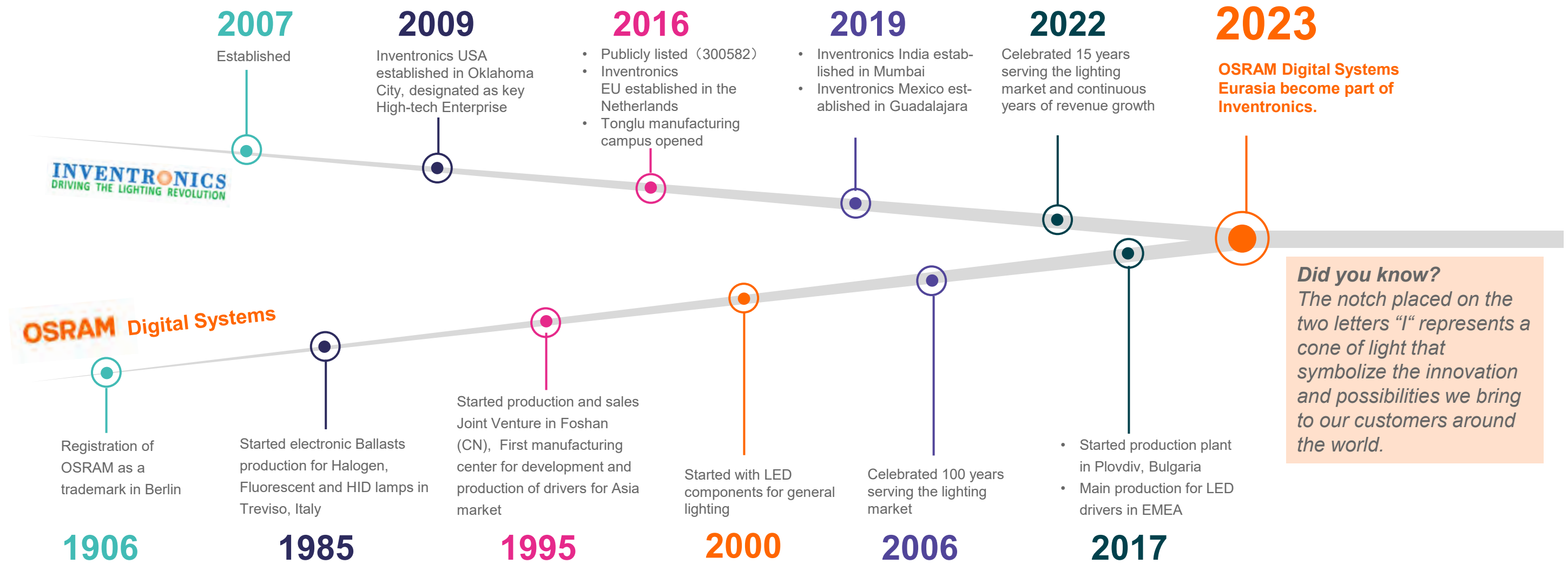
Lighting the Future: Sustainable, Connected, and Data-Driven

M. Gardenal | Business Development | SBE Milano | Nov 19th, 2025

**SMART[®]
BUILDING
EXPO**

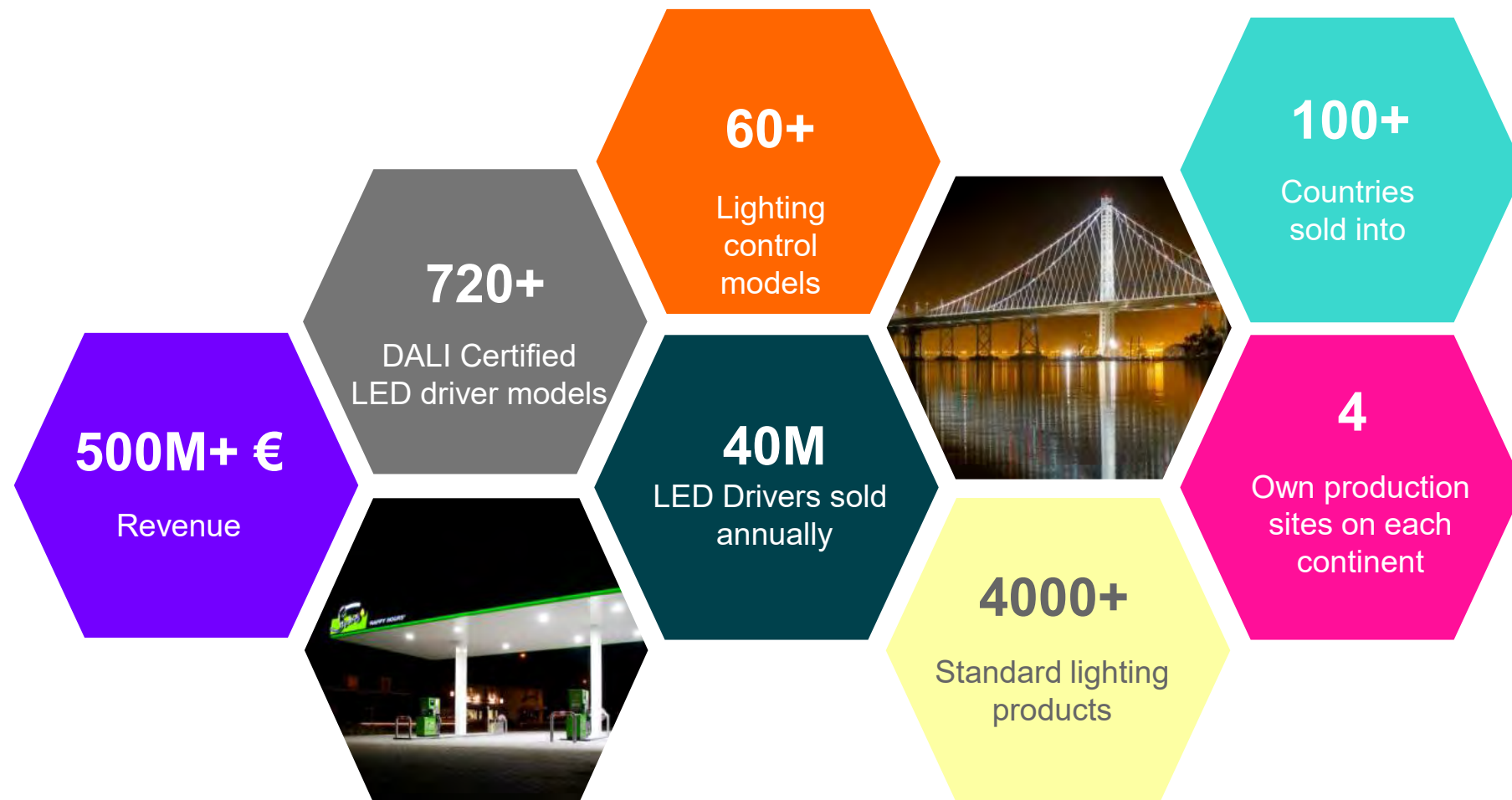
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Where Do We Come From?



Welcome to the
orange Inventronics

The Orange Inventronics at a glance



Note: Numbers shown above are estimates for reference only. For complete details please refer to annual report.



Our Application Expertise

Tailored solutions backed by real-world know-how

Light everywhere. Needs are different.

We partner with you to deliver the best performance, from standard components to tailor-made solutions. Our application experts ensure you get the right lighting, every time.



Industrial



Architectural



Retail & Residential (R&R)



Horticulture



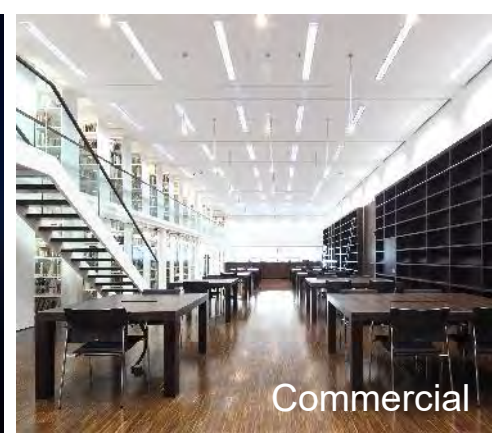
Sports



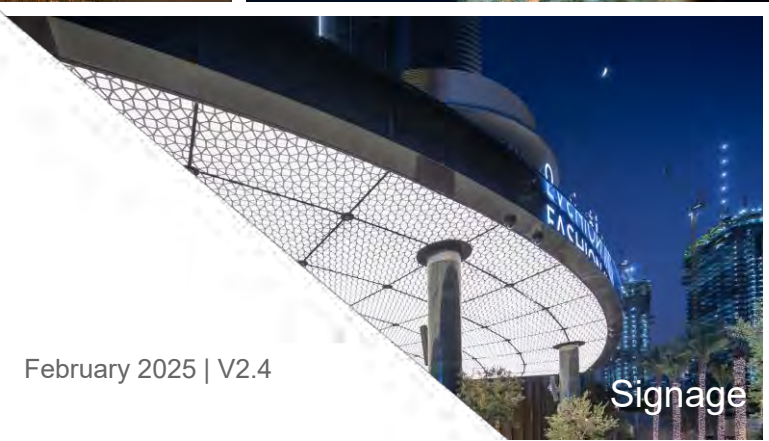
Street & Area



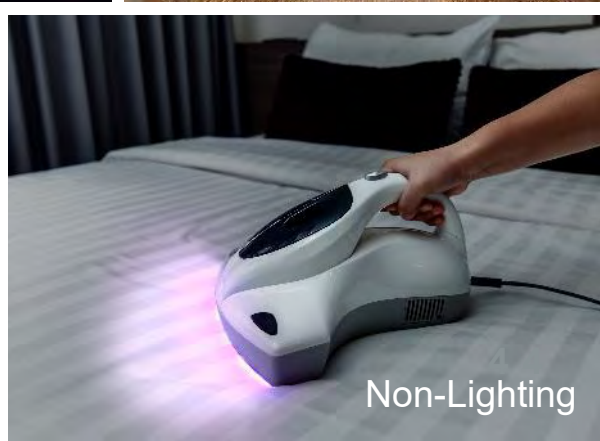
Heavy Industry



Commercial



Signage



Non-Lighting

Lighting the Future: Sustainable, Connected, and Data-Driven

Lighting doesn't operate in isolation. It must comply with **strict norms and certifications** while **addressing the everyday challenges** of facilities management. By framing these requirements clearly, we show the benefits of solutions that are not only compliant but also **practical, reliable, and future-ready**.

Norms and certifications

- Energy Performance of Buildings Directive (EPBD)

In particolare, gli Stati Membri garantiscono che siano dotati di controlli automatici dell'illuminazione opportunamente localizzati e in grado di rilevare l'occupazione:






Entro il 2027	Gli edifici non residenziali con potenza nominale utile >290 kW
Entro il 2029	Gli edifici non residenziali con potenza nominale utile >70 kW

- Smart Readiness Indicator (SRI)
- Criteri Ambientali Minimi (CAM)
- Certification of buildings



Fonte: STUDIO DEL POLITECNICO DI MILANO SULLO SMART LIGHTING – Assil Giugno 2025

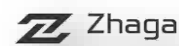
Facilities management challenges

-  Energy Efficiency
-  Maintenance efficiency
-  Comfort
-  Security management
-  Space management

Smarter Lighting, Smarter Management

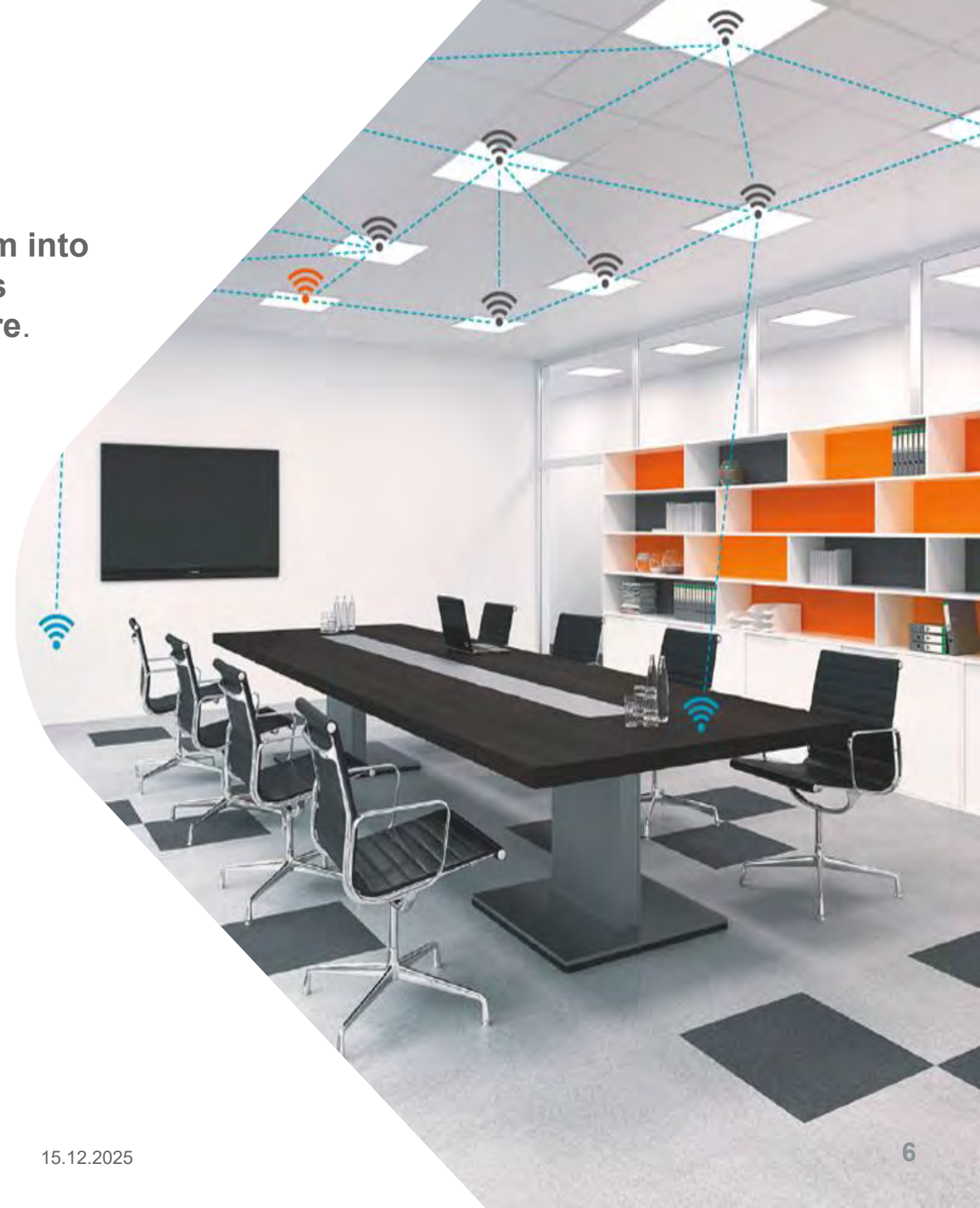
Once norms and facility challenges are clear, the next step is **turning them into advantages**. Smarter lighting doesn't just meet requirements, it **simplifies management, reduces costs, and prepares your building for the future**.

- Cut energy costs with smart sensors, keep comfort.
- Stay compliant¹, effortlessly.
- Retrofit without disruption.
- Scale as your building evolves.
- Fast commissioning, minimal downtime.
- Predictive maintenance made easy.
- Monitor everything² from one dashboard.
- Connected: Standards for long lasting troubles free



1: Emergency lighting, SRI

2: Integration of Energy consumption, emergency lighting, occupancy, alerts into BACS



Case study: Prestolite Office Revamps Lighting

- Greenford, UK - 2024
- Offices: 5 floors / 300 luminaires
- Project partner: Prime Light Group (UK)
- Technology: Inventronics HubSense® wireless control system, Inventronics LED drivers
- Suitable for integration into BACS

Key outcomes

- **40% Energy Savings:** Achieved through smart controls like daylight sensing, presence detection.
- **Minimal Disruption:** Installation and commissioning completed in five days.
- **Enhanced Control:** User-friendly system allowing easy adjustments and monitoring by in-house staff



Lighting the Future:Together

Lighting the Future: Sustainable, Connected, and Data-Driven

Every smart building starts with light.

Inside the luminaire, connected drivers, sensors, and gateways bring intelligence to life.

But buildings don't evolve alone.

They grow through collaboration, partnerships that unlock new opportunities and smarter ways to manage spaces.

At Inventronics, we believe the future of lighting is built together.

From components to complete solutions, from compliance to daily challenges, from today's needs to tomorrow's possibilities, we're here to shape what comes next.

Let's imagine, connect, and build that future together — visit us at Booth G45, Hall 6.

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Building A Brighter Future

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Version 1.1



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Thanks

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