

hei

hei Smart City Solutions

Solar outdoor lighting
Solar smart poles

Austria - Emirati Technology Day 2022

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IMAGINE: your city without electricity.

IMAGINE

...your city still has

Street lighting, warning systems,
traffic signs, cameras, loudspeakers,
connectivity in operation

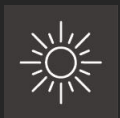




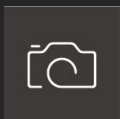
The solution are **hei** SMART ENERGY POLES



Autonomous system



Sustainable solar power

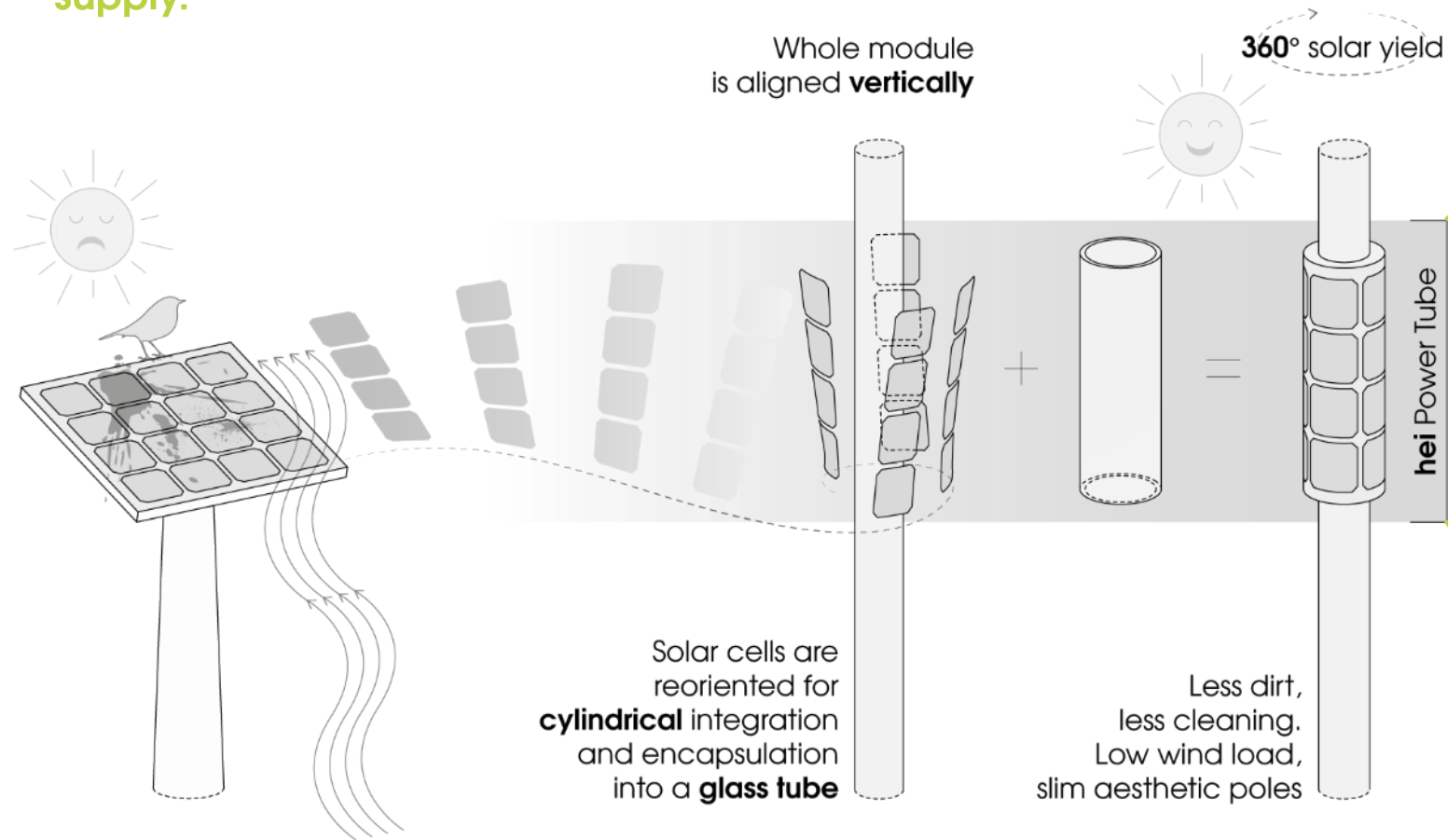


Highly aesthetic



hei PATENTED PHOTOVOLTAIC POWER TUBE

Reliable, aesthetical, maintenance poor, autonomous energy supply.

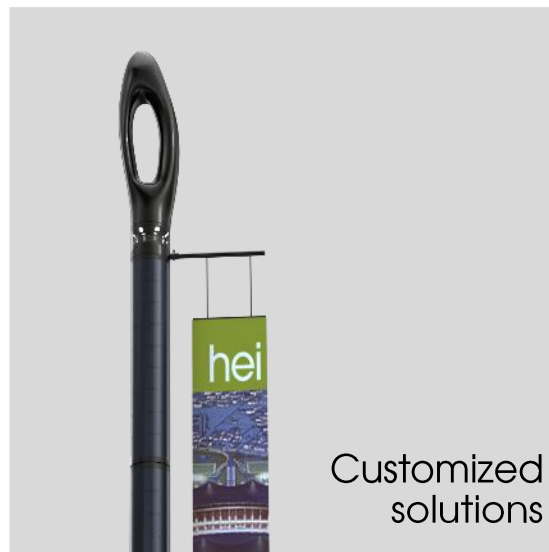


High wind loads caused by big solar panels require **bulky, expensive steel poles** for installation

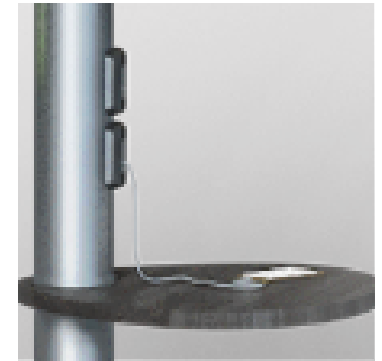
hei's unique and patented Power Tubes
Made in Austria, field-tested around the world



hei PRODUCT PORTFOLIO



WIDE RANGE OF SMART CITY EQUIPMENT



hei SMART APPLICATIONS



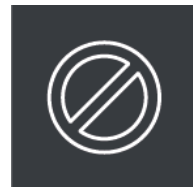
IP camera



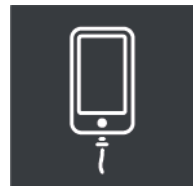
Surveillance camera



Environmental sensors



Traffic signs



Mobile phone charging station



Remote lighting control



Wi-Fi hotspot



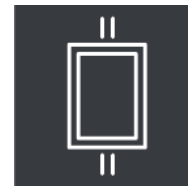
LED lighting



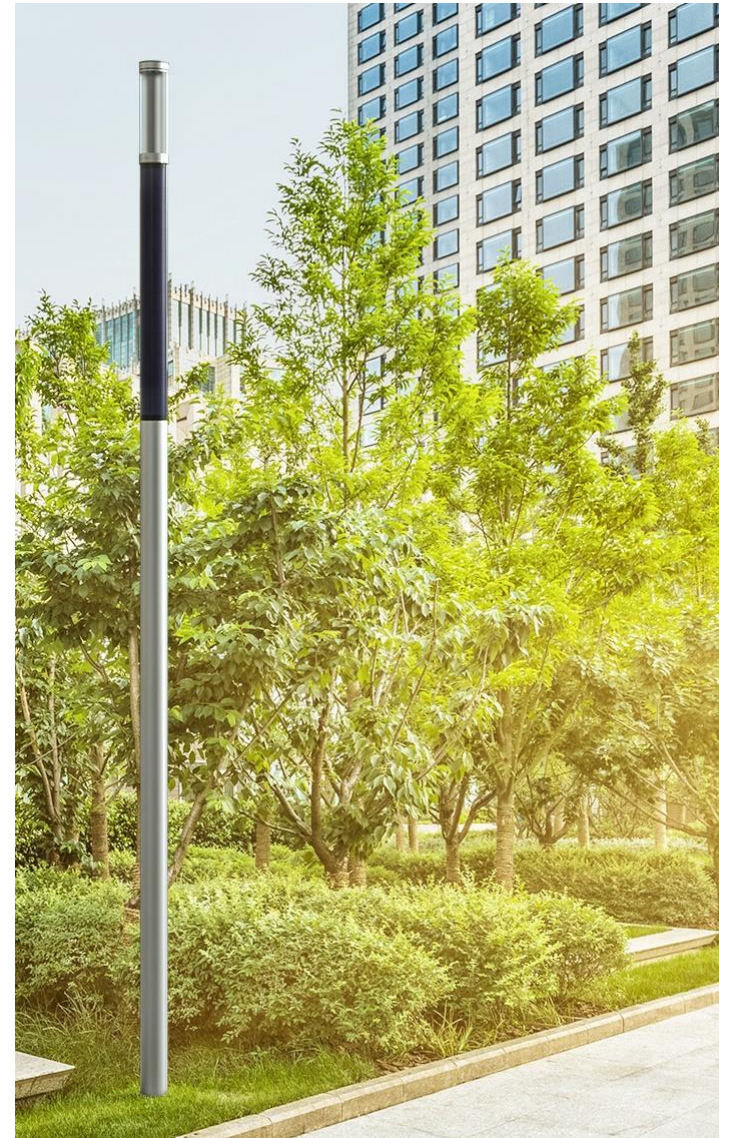
Loudspeakers



Backlit info boxes



TYPES OF INSTALLATION



Solar customized poles
Al Bayt Stadium, Al Khor, Qatar
FIFA World Cup 2022

Final client: **Aspire**

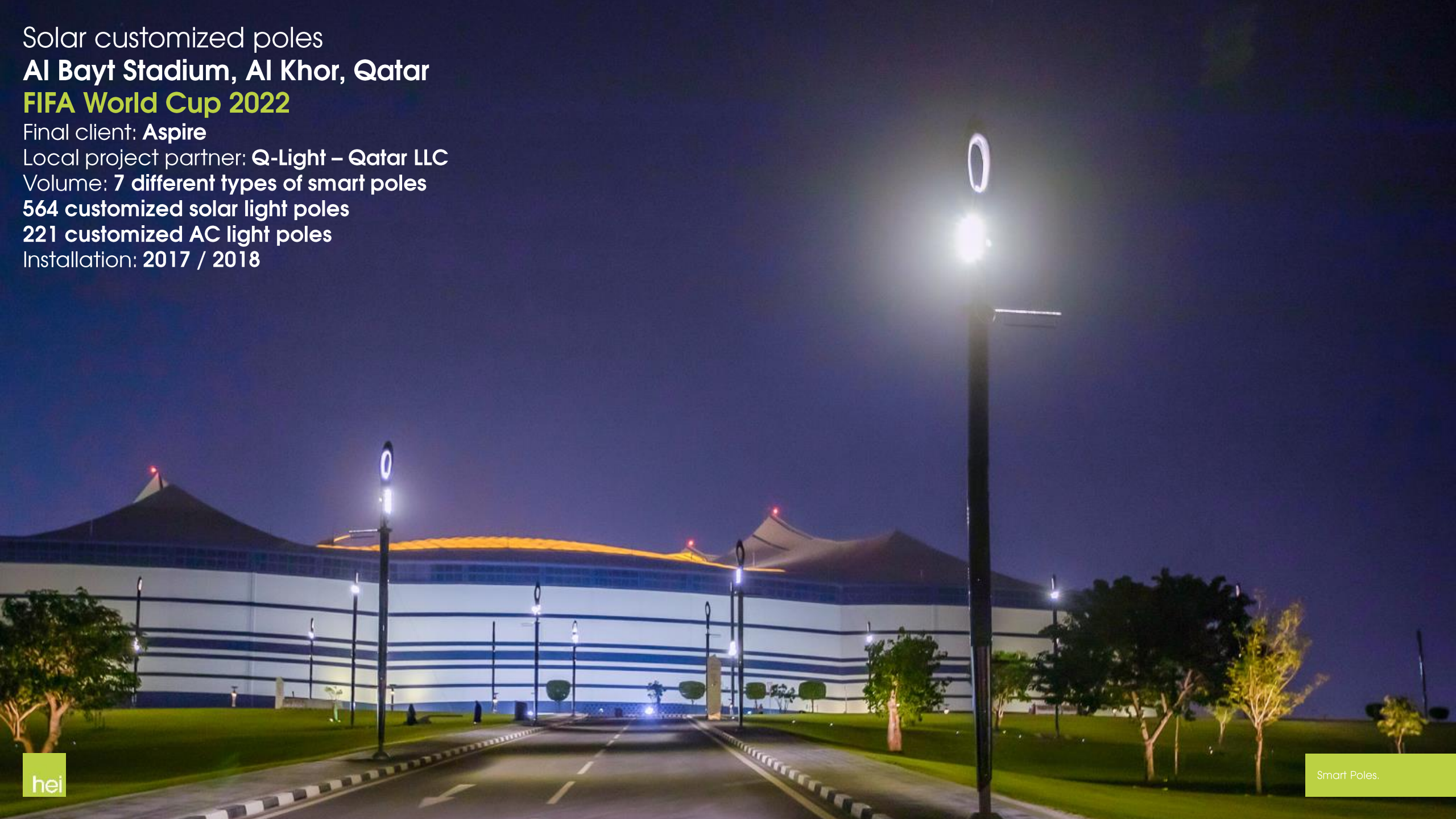
Local project partner: **Q-Light – Qatar LLC**

Volume: **7 different types of smart poles**

564 customized solar light poles

221 customized AC light poles

Installation: **2017 / 2018**



GET IN TOUCH

- 100% self-sustaining
- 100% green energy
- 100% engineering expertise
- 100% smart and resilient smart city infrastructure

Please reach out to:

Stefan Hübl

Product Manager Smart Poles

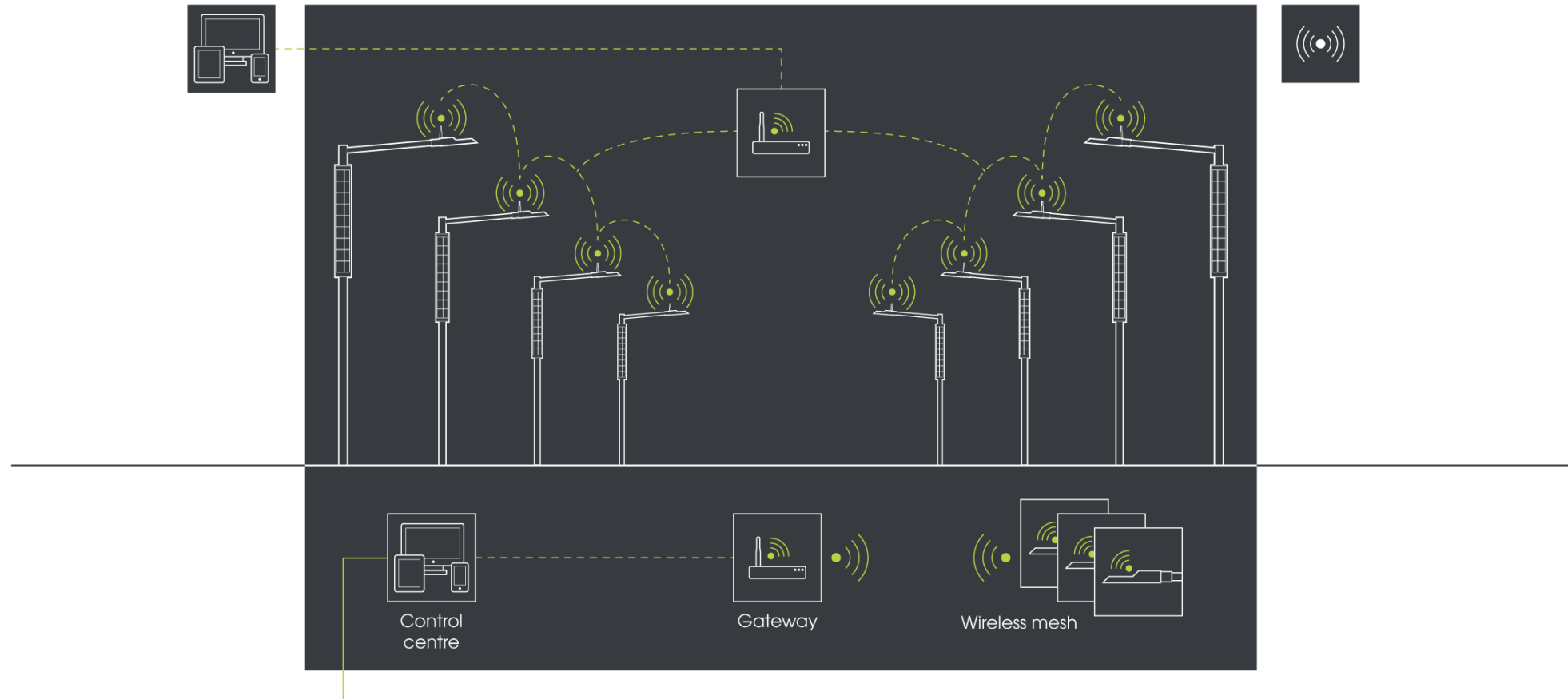
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Be part of the future.

hei REMOTE CONTROL AND MONITORING



- **Control**

- On / Off
- Dimming
- Request data
- Light profiles

- **Monitoring**

- PV system properties
- Smart equipment data

- **Error messages**

- Email or text messages alerts