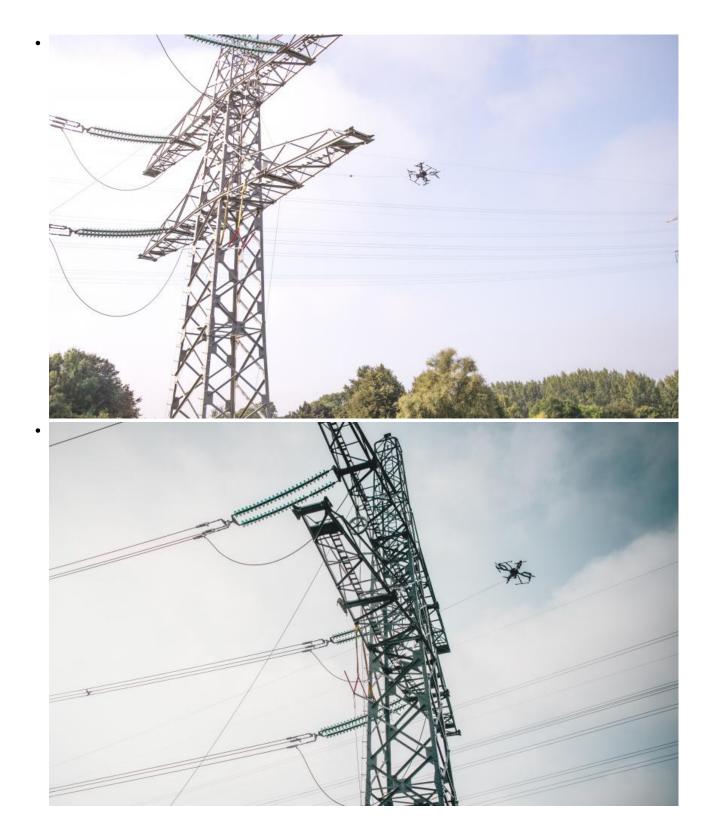


Energy transport [1]

SPIE uses a drone for high-voltage power lines - Flora and fauna protected around pylons











<u>SPIE uses a drone for high-voltage power lines - Flora and fauna</u> protected around pylons [2]

SPIE has successfully suspended a cable between two high-voltage pylons using a drone. This technology was first used in the Netherlands.

Using a drone to suspend cables between high-voltage pylons offers major advantages. This mode of operation protects the ground, as well as plants and wildlife nearby and between the pylons. In addition, pulling cables over difficult terrain is made easier when a drone takes over much of the work.

The test was carried out in Geertruidenberg (in the South of the Netherlands) under the watchful eyes of TenneT, drone provider AceCore, and the Environment and Transport Inspection (the regulatory agency of the Ministry of Infrastructure and Water Management). The drone took the cable over 150 metres and hung it at the pylon. This operation is usually repeated for each high voltage cable, which means 10 to 12 drone flights between two high voltage pylons.

Other projects [3]

contact

SPIE Nederland

e-mail: communicatie.nl@spie.com [4]

Direct access

- Smart city
- e-fficient buildings
- Industry services
- Energies
- Sustainable inspirations

- About SPIE
- #SPIE120
- The SPIE dossiers

Other Group websites

- SPIE Belgium
- SPIE Deutschland & Zentraleuropa
- SPIE ICS
- SPIE Nederland
- SPIE Oil & Gas Services
- SPIE Switzerland
- SPIE UK

Mobile apps

- SMART CITY by SPIE
- <u>@SPIE</u>
- SPIE IR

Follow us on...









SPIE uses a drone for high-voltage power lines - Flora and fauna protected aroun Published on SPIE (https://www.spie.com)

- Sitemap
- Accessibility
- <u>Legal notice</u>
- SPIE from A to Z

Source URL: https://www.spie.com/en/spie-uses-drone-high-voltage-power-lines-flora-and-fauna-protected-around-pylons

Links:

- [1] https://www.spie.com/en/nos-realisations%3Ftag_activites%5B0%5D%3D93
- [2] https://www.spie.com/en/spie-uses-drone-high-voltage-power-lines-flora-and-fauna-protected-around-pylons
- [3] https://www.spie.com/en/nos-realisations?tag_filiale%5B0%5D=239
- [4] mailto:communicatie.nl@spie.com