

Unprecedented grid transparency with drone software

04.11.2021



LINIA

Lorenzo Arizzoli-Bulato,
Bernhard Lüthi

Contex

Extreme Weather Conditions



Rising importance of electric power



Grid Situation

- Resistance for new lines
- Old powergrid (last century)
- No power reserves left
- Shutdown windows for maintenance become shorter

Digital Twin



Flight Routes



LINIAir



Cloud Upload



AI-Analysis

