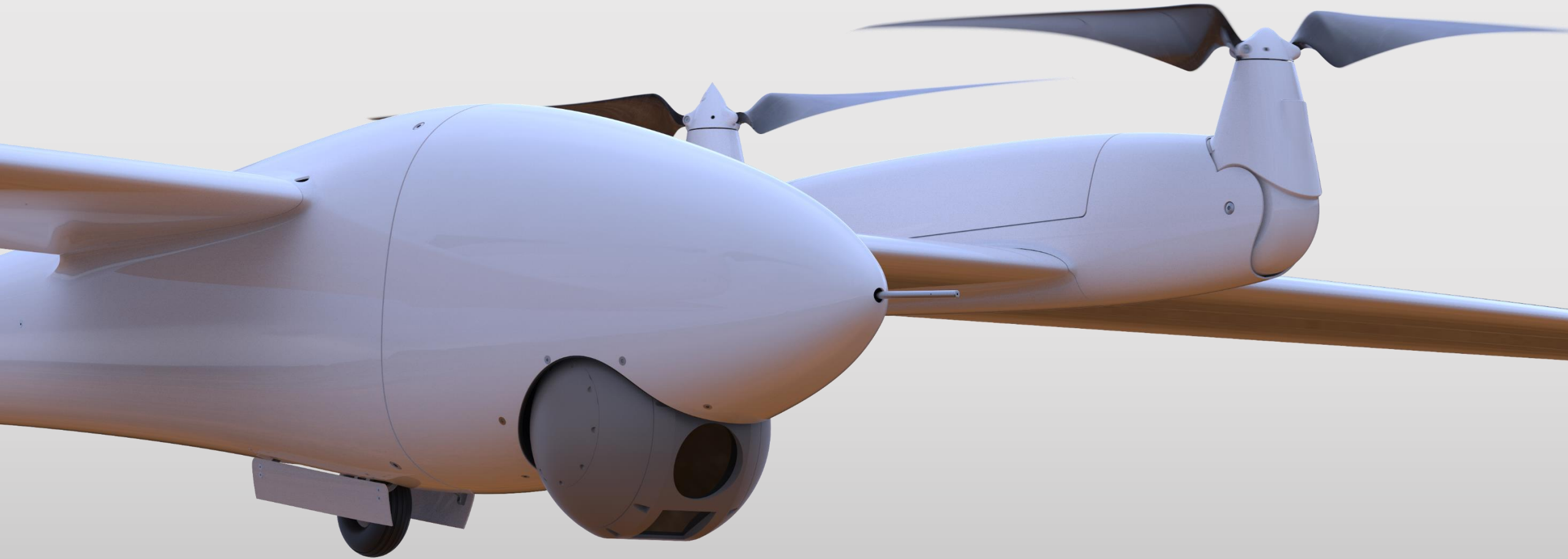


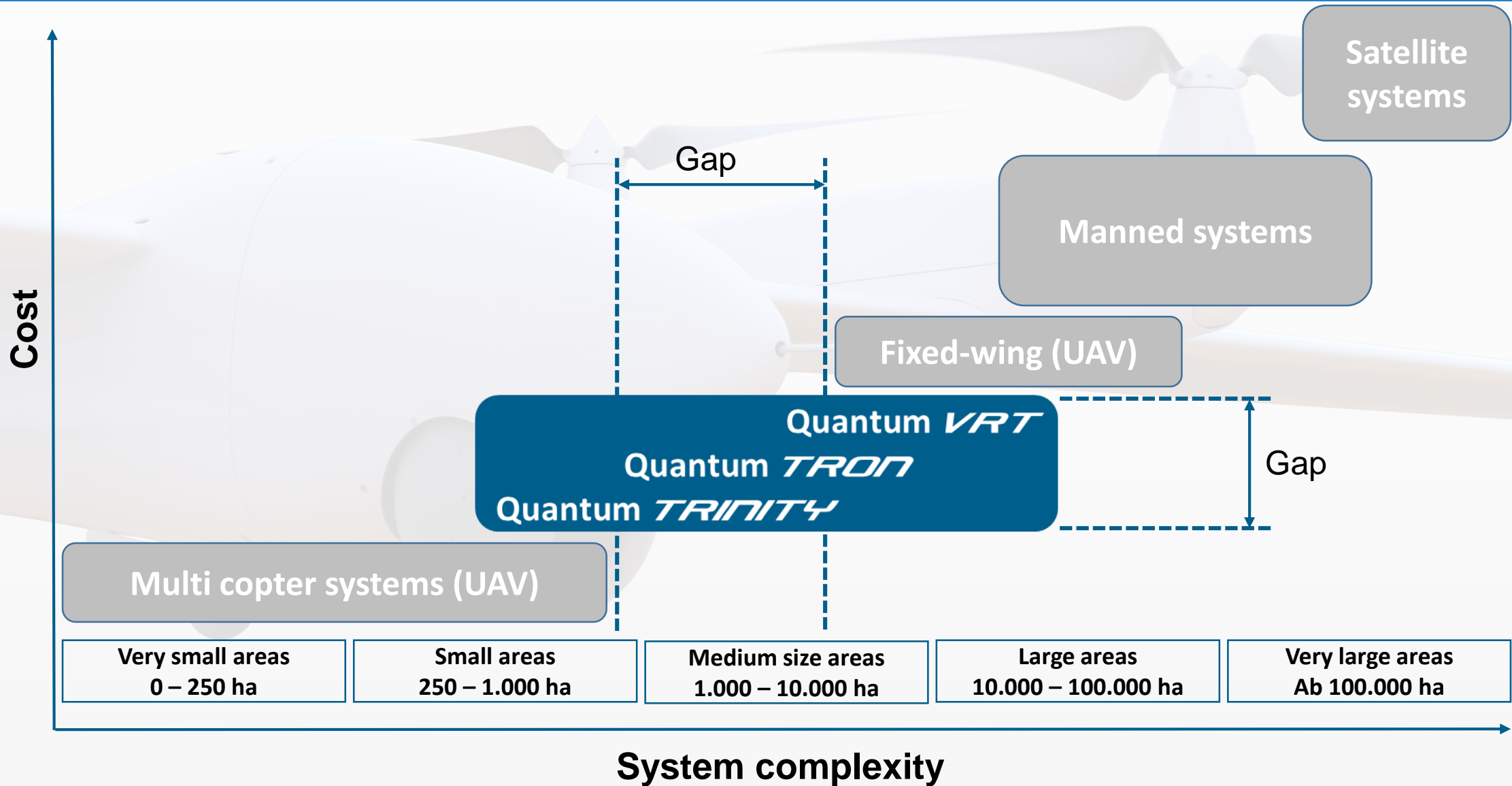
quantum – TRON





4 Founders – 75 years in Aeronautical Engineering
14 Employees – Engineering, Pilots, Management

System performance for 3D-Reconstruction tasks



Product

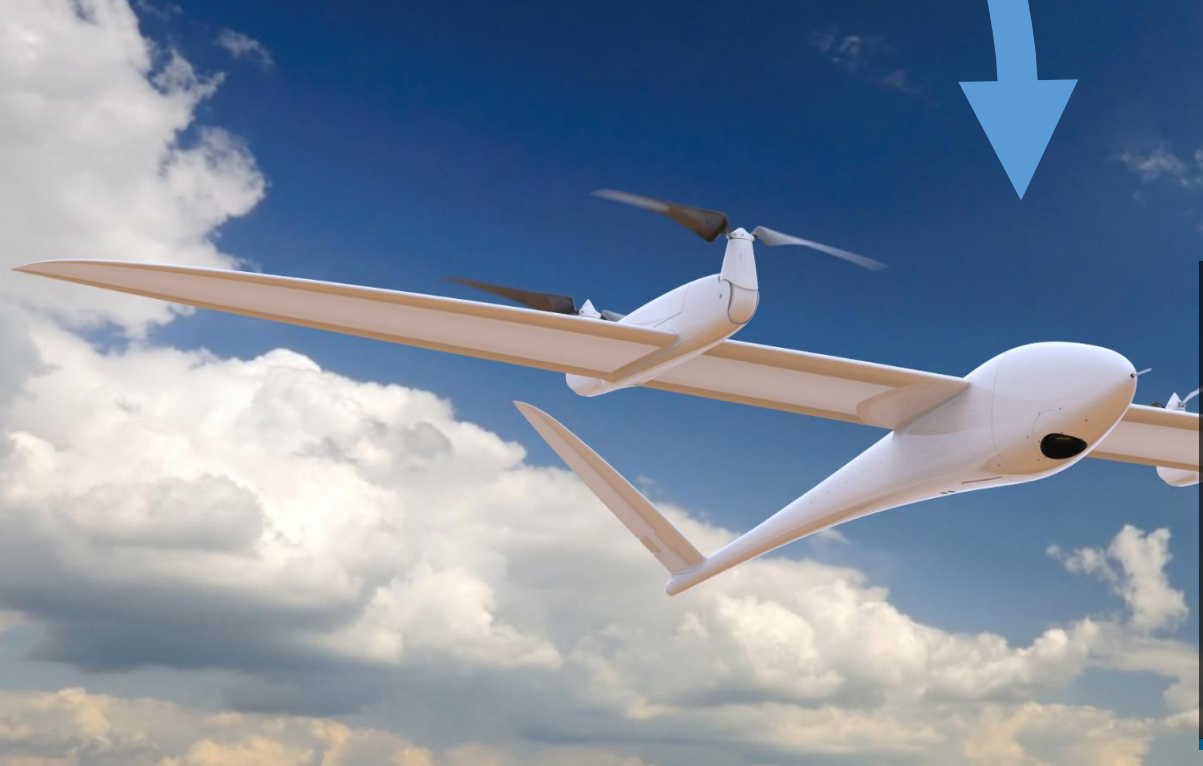
- High airspeed 
- Endurance 
- Easy handling 
- Vertical take off 



- High airspeed
- Endurance
- Easy handling
- Vertical take off

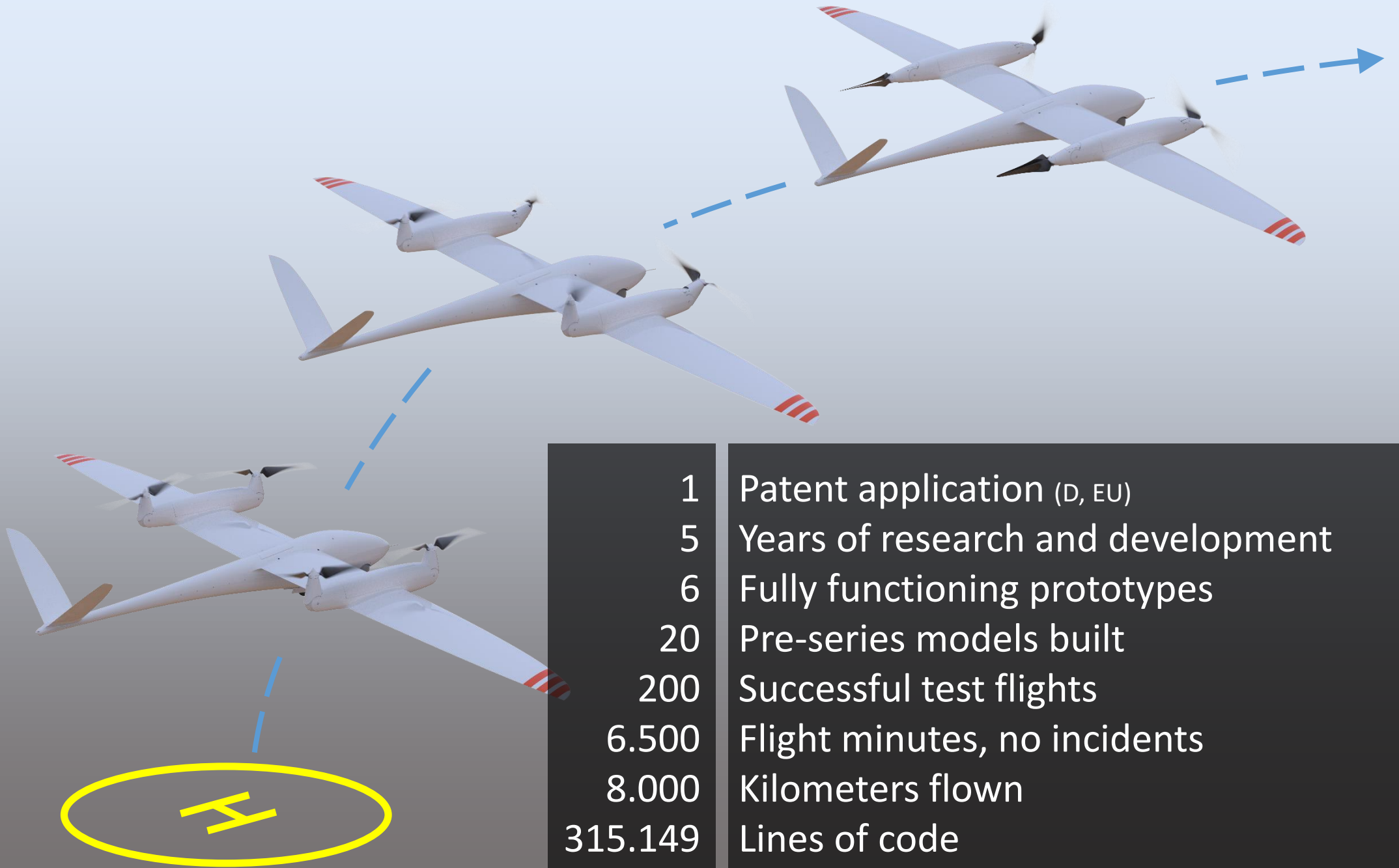


Product



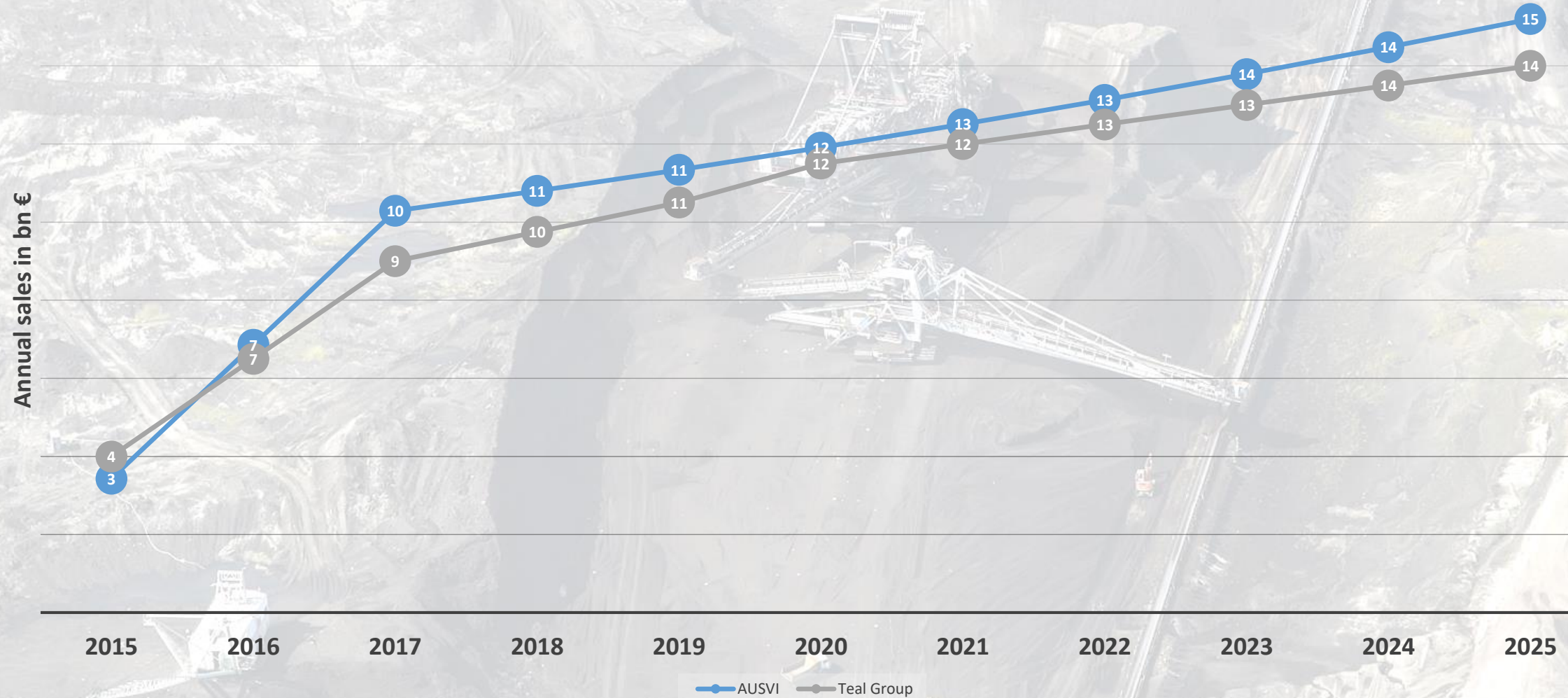
- High airspeed ✓
- Endurance ✓
- Easy handling ✓
- Vertical take off ✓

Product



1	Patent application (D, EU)
5	Years of research and development
6	Fully functioning prototypes
20	Pre-series models built
200	Successful test flights
6.500	Flight minutes, no incidents
8.000	Kilometers flown
315.149	Lines of code

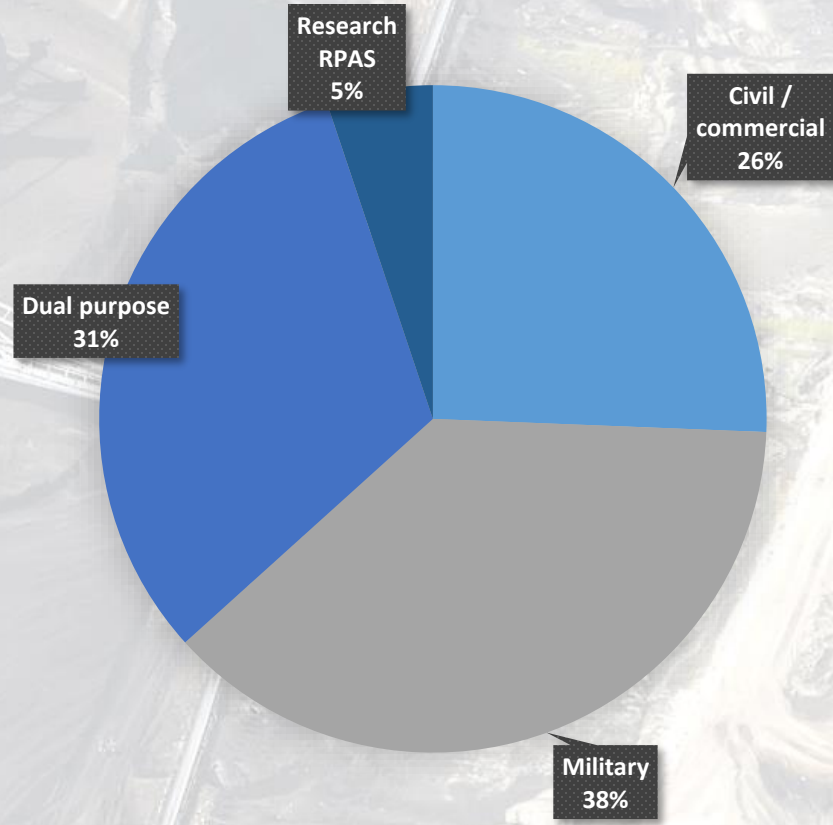
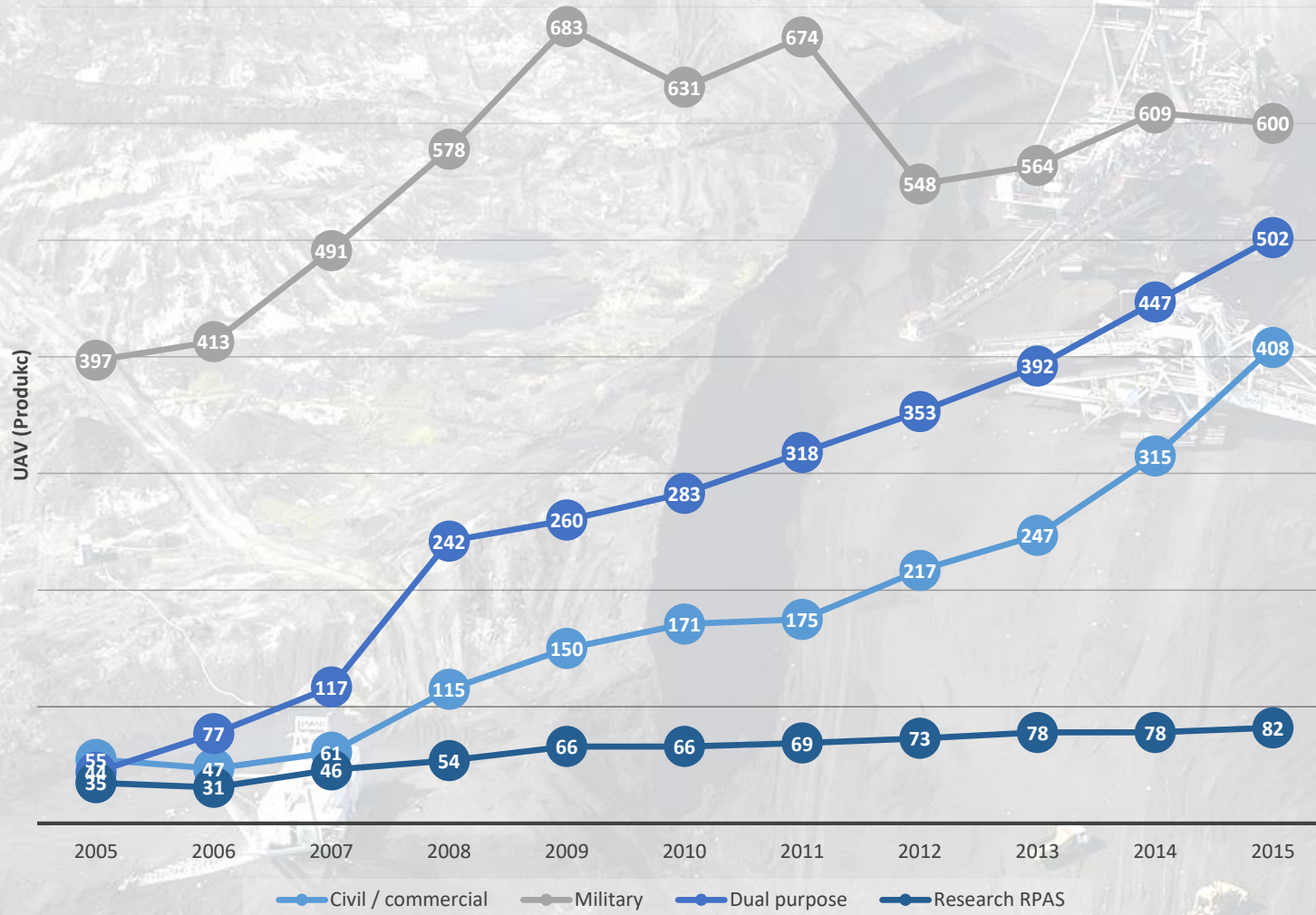
Predicted worldwide annual sales of civil UAV between 2015 - 2025



Sources: Teal Group, Teal Group's 2015 market study for UAV
AUVSI, The Economic Impact of UAV 2015

Development of UAV-market since 2005

Division in UAV-market in 2015





43%

Inspection &
Industrial Sights



38%

3D-Reconstruction
& Insurance



19%

Agriculture &
Forestry

Customer benefit

Higher airspeed



4 x



Customer benefit

Longer flight times

 8 x



Customer benefit

Greater flight heights



Customer benefit



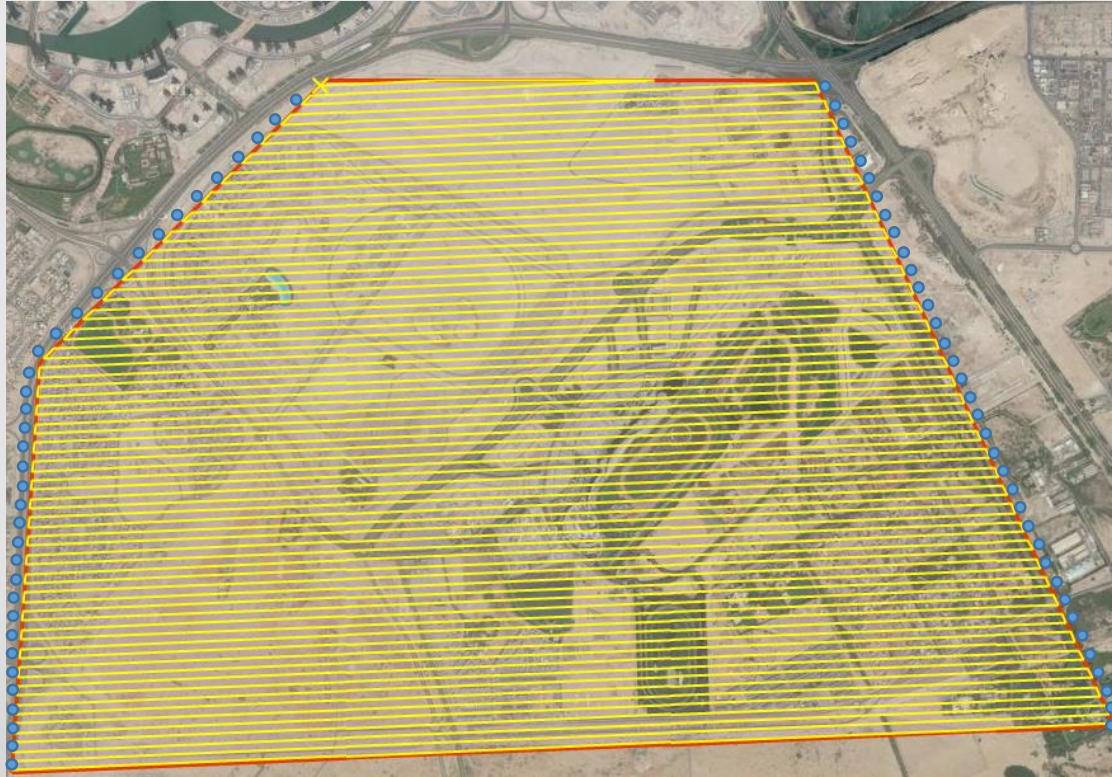
Larger areas

96 x



Comparison

eBee (sensefly)



Area: 2.881 ha
Flight distance: 483 km
Number of flights: 80-90
Mission duration: 3 - 4 weeks



Quantum TRON



Area: 2.881 ha
Flight distance: 247 km
Number of flights: 2
Mission duration: less 5 hours

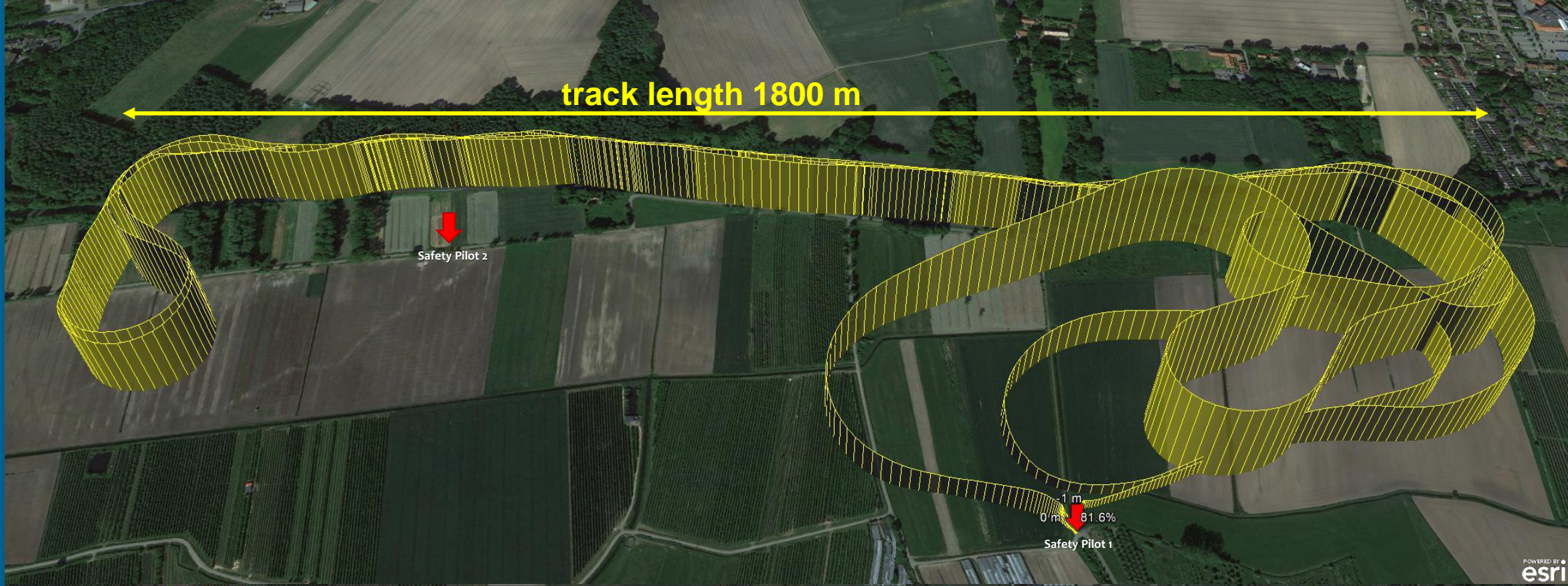


DB – track 1720

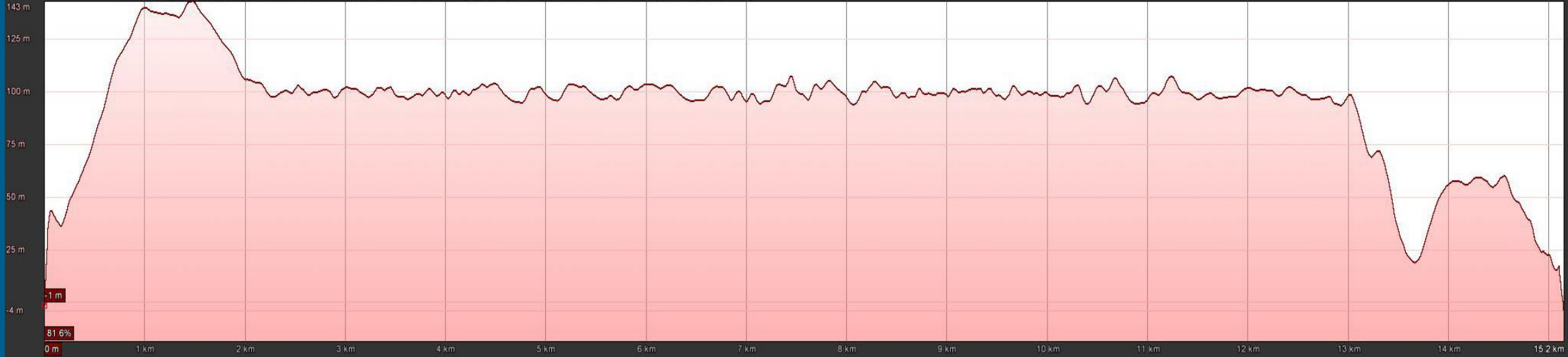
Completely autonomous waypoint flight

DB — track 1720

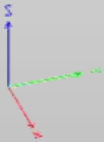
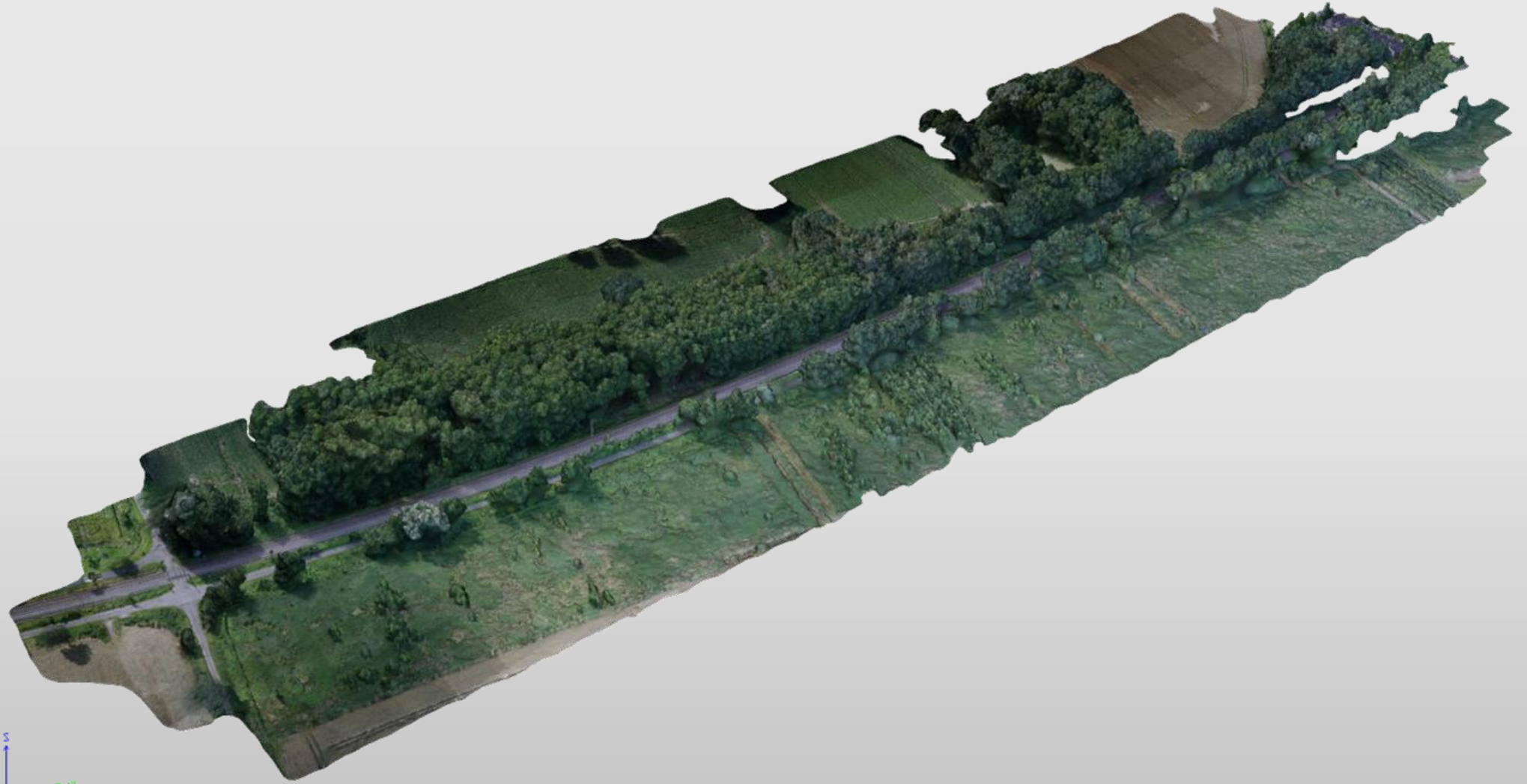
track length 1800 m



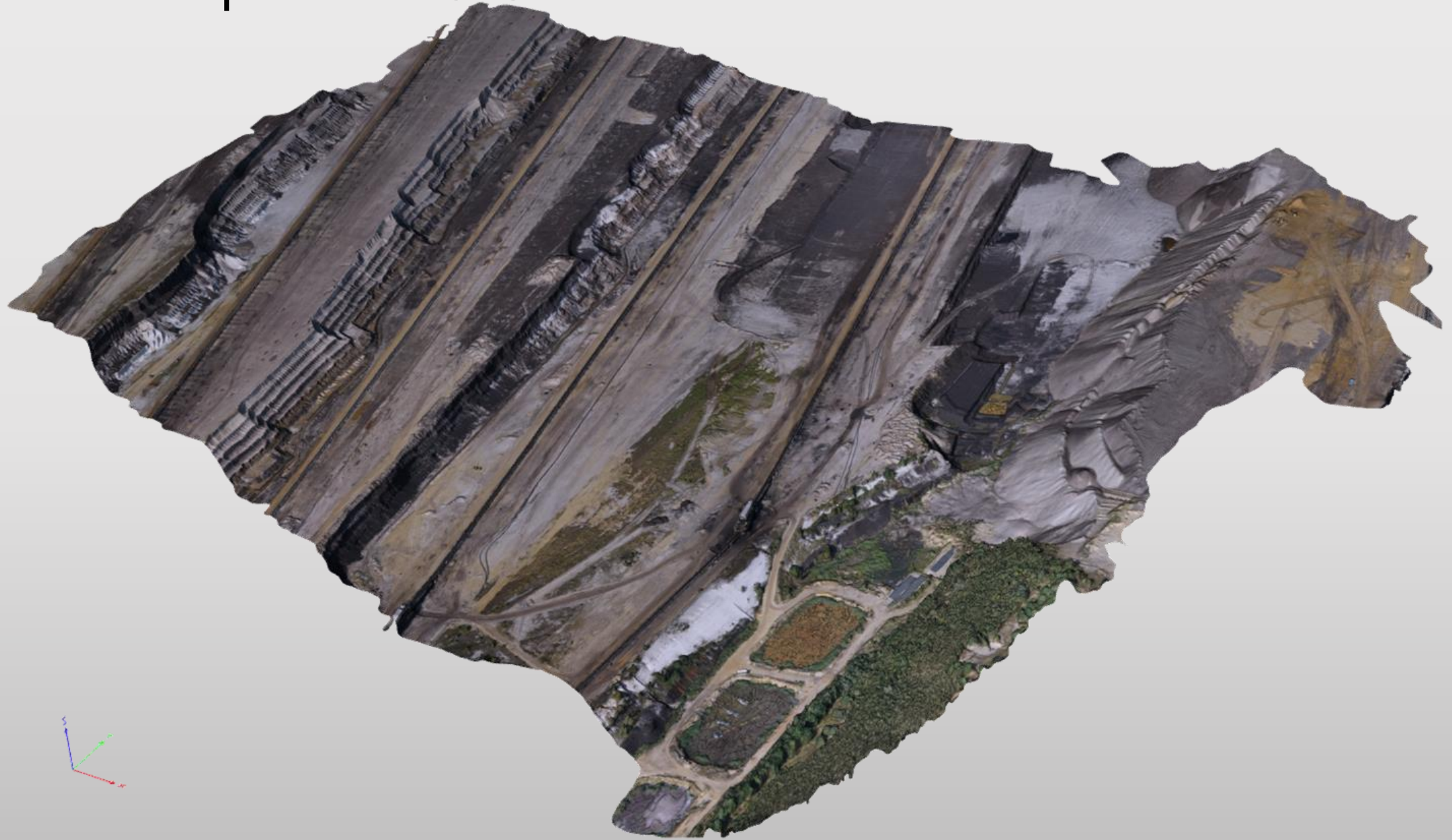
Grafik: Min., Durchschnitt, Max. Höhe: -4, 93, 143 m
Bereichswerte: Entfernung: 15,2 km Höhendifferenz: 411 m, -413 m Maximale Steigung: 81,7%, -55,4% Durchschnittliche Steigung: 5,5%, -4,8%



Drone2Map for ArcGIS



Drone2Map for ArcGIS



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