

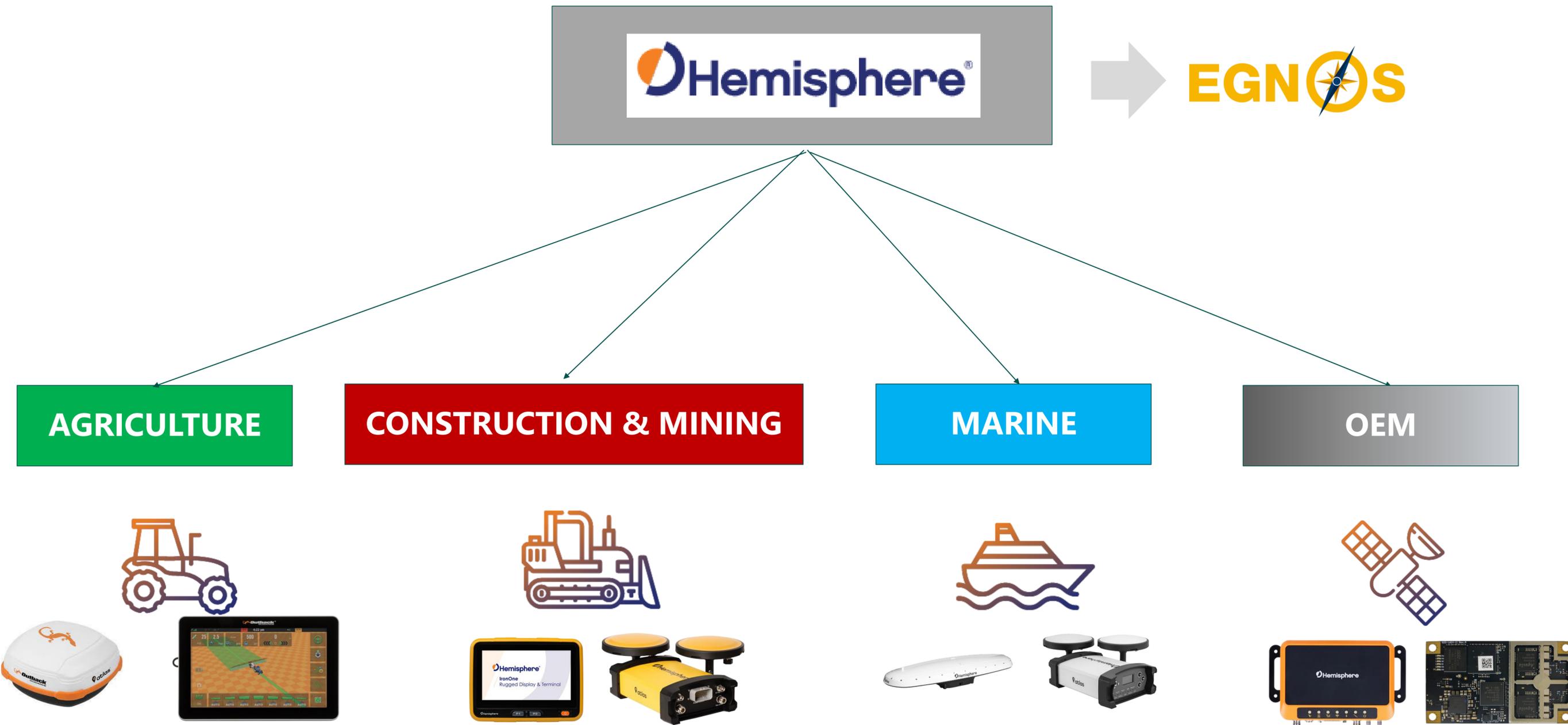


E G N O S W O R K S H O P

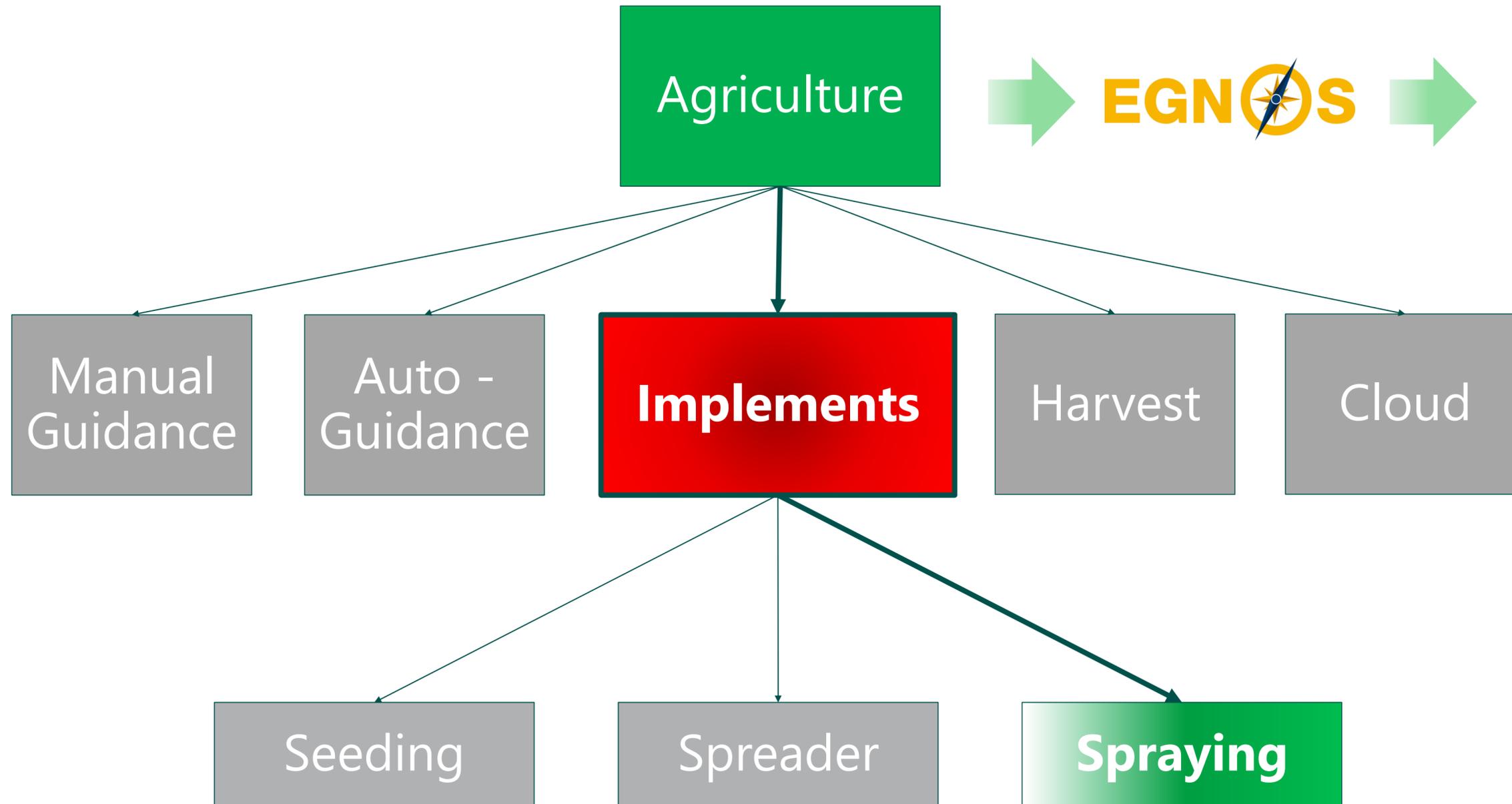
A G R I C U L T U R E



AGC TECHNOLOGIES is an Authorized HEMISPHERE GNSS distributor for Spain and Portugal.



EGNOS Use Range



Weed Sensor

AI based sensor system making real time patch spraying possible.

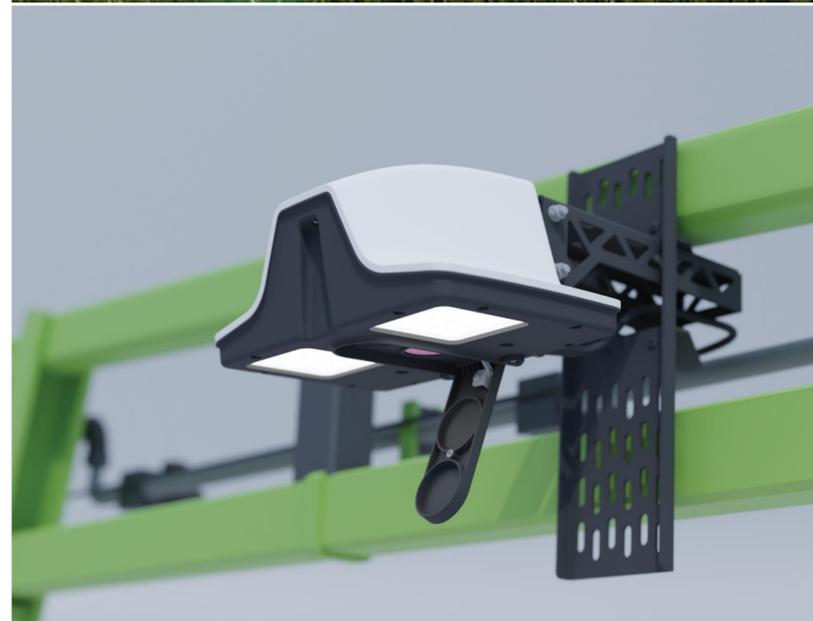
4-6 cameras mounted to the sprayer beam.

AI technology recognize weeds vs. grain.

Sensors shutting off sprayer sections at set weed thresholds.

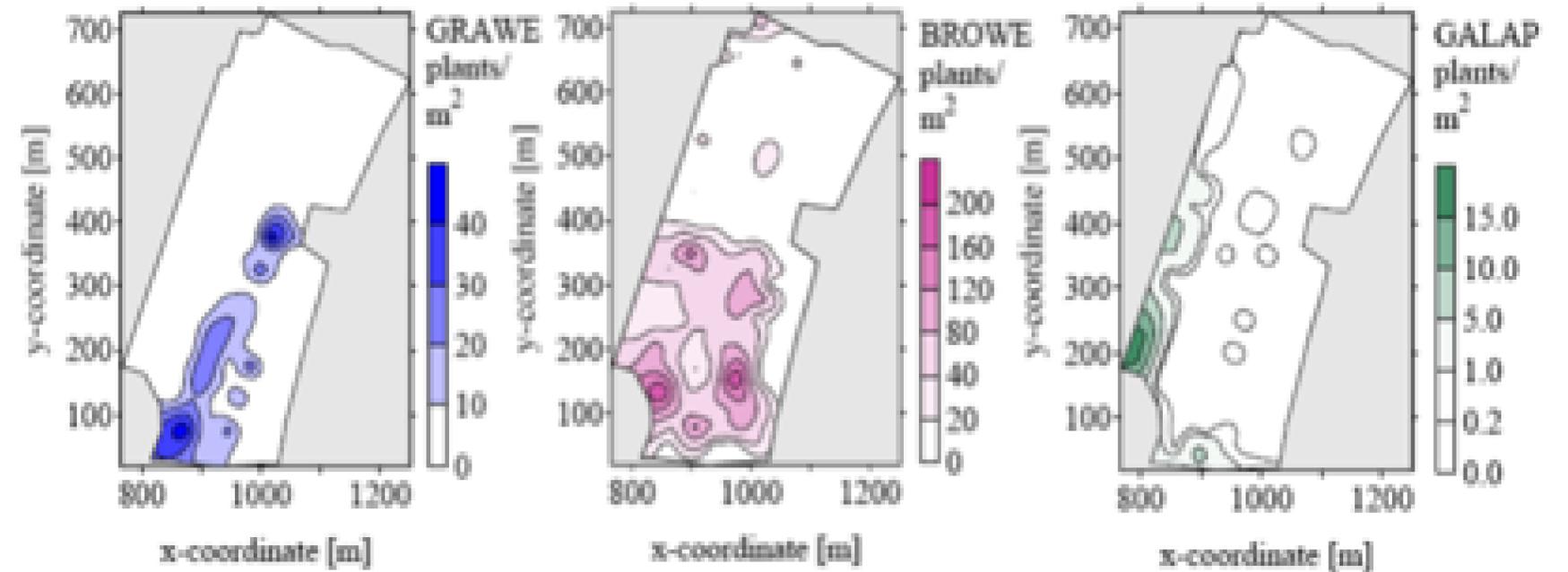
By using EGNOS the system reduces herbicides use by **50% average**.

With the use of EGNOS the camera collects high quality data of crop fields with additional potential.



Large potential for herbicide optimization due to weed distribution

- Weed is unevenly distributed in fields.
- Herbicide has a toxic effect on the crop, hindering the growth and reducing the yield.
- With potential for lucrative spot spraying.



EGNOS

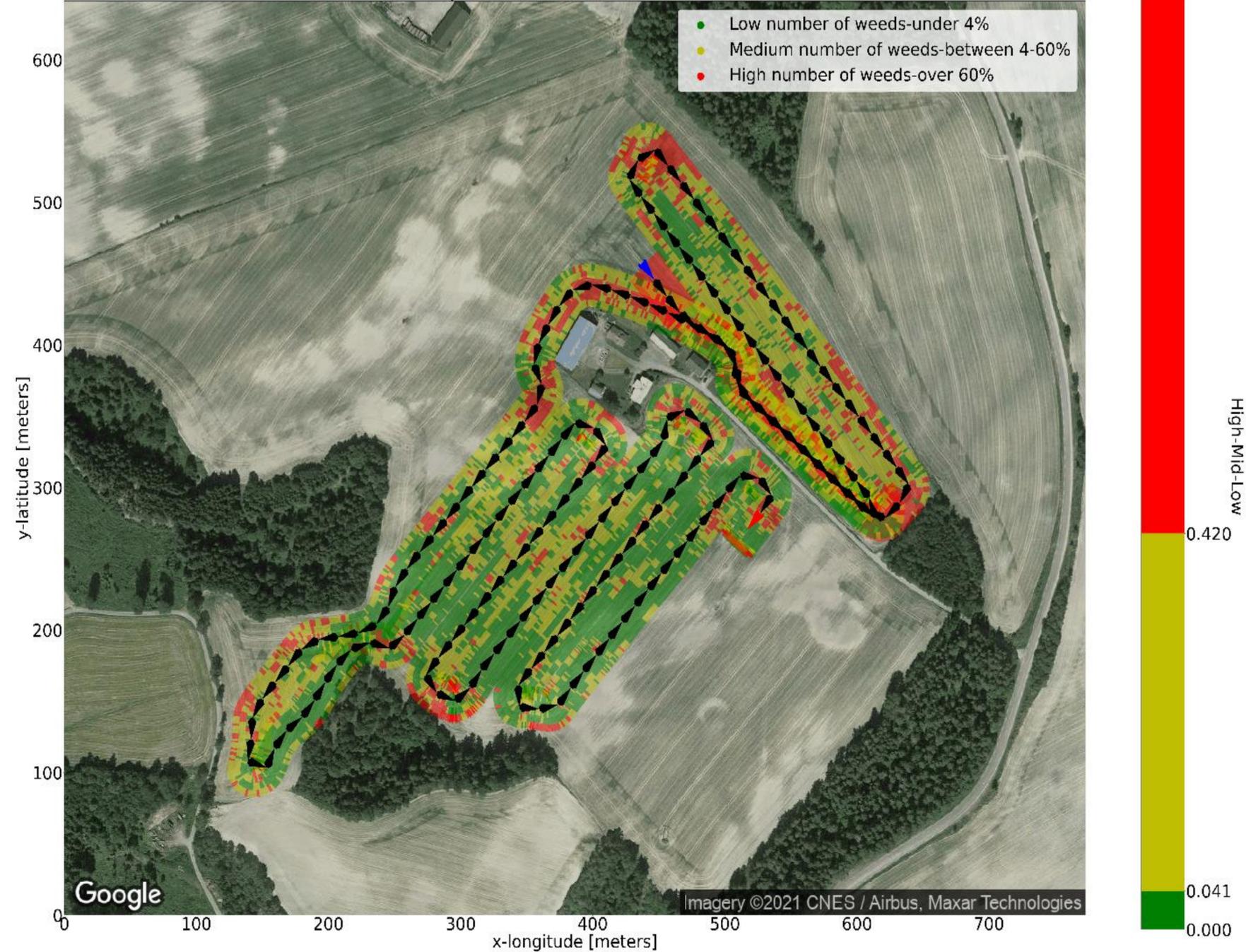


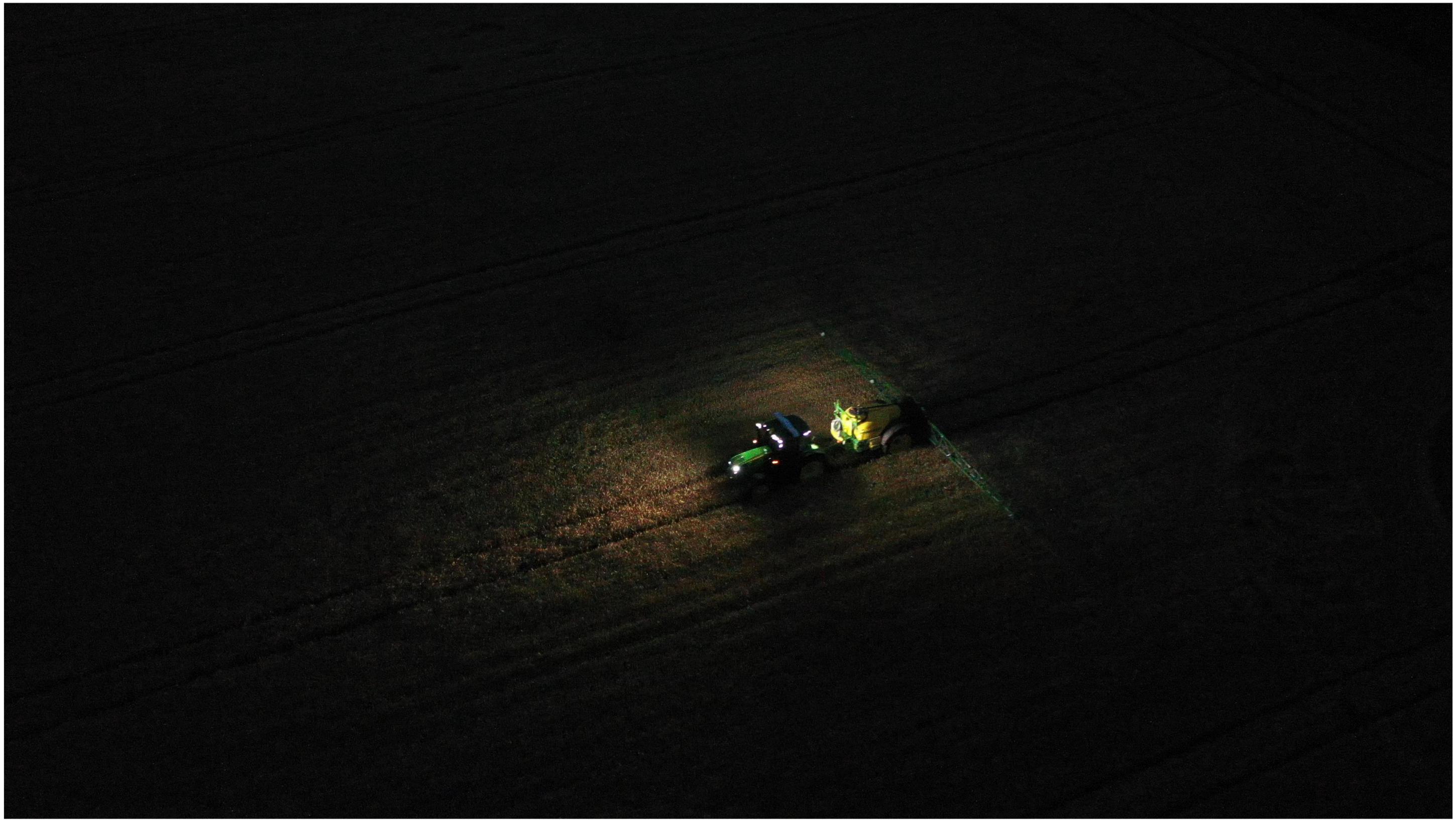
Example of cereal/weed coverage report

Sprayer Data Plot - Local reference frame [meters]



Heat map data - Local reference frame [meters]





Conclusion

✓ By using an EGNOS capable receiver + the weed sensor helps on:

✓ HERBICIDES USE REDUCTION

➤ Several tests in North Europe have shown that a typical wheat or barley farm can reduce the use of herbicide by 40% to 50 %.

✓ INCREASE YIELDS

Several tests in North Europe have shown that unsprayed wheat or barley fields can increase the yield production ONLY by 6 – 7 %



Authorized Dealer



Thank You

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