

# Emergency Drone: Project Idea



Tethered Communication Drone (2023-02-28)  
at [Green FabLab](#), [HSRW](#) Kamp-Lintfort.



Video

Maiden flight of the Tethered Communication Drone.

## Flight Logbook

|          |                            |
|----------|----------------------------|
| Date     | 28-02-2023                 |
| Time     | from 11:38 to 12:26        |
| Location | Green Fablab Kamp-Lintfort |

- Power consumption of the tethered drone

| State                                | mains power consumption (230V) |
|--------------------------------------|--------------------------------|
| motors off, connected to mains power | ~150W                          |
| flying, connected to mains           | ~1500-1800W                    |
| flying, disconnected from mains      | 0W                             |

```
jan@NB3695307:~$ iperf -c 10.180.12.3

-----
Client connecting to 10.180.12.3, TCP port 5001
TCP window size: 85.0 KByte (default)
-----
[  1] local 172.24.101.113 port 57004 connected with 10.180.12.3 port 5001
[ ID] Interval           Transfer     Bandwidth
[  1] 0.0000-10.5482 sec   64.3 MBytes  51.1 Mbits/sec
```



## Material of DLRG

## Links

- [Kreisleitstelle Wesel](#)
- [Moorbrand in Limburg, 2022-08-22](#)
- [ZDF frontal - Digitaler Behördenfunk in der Flut: "Bewährungsprobe nicht bestanden"](#)

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