



Unmanned Aerial System (UAS) Unmanned Aerial Vehicle (UAV)

Drone



Community Activity Planning Workshop

19-20/12/2018



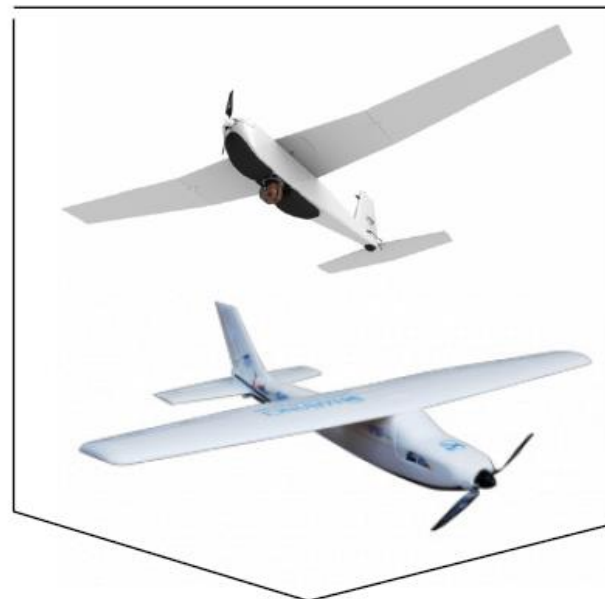
Different types are available

Multi-copter



- + easy start and landing
- limited flight time
- limited area which can be covered per flight / day

Fixed wing UAV



- + large areas can be covered per flight / day
- + high operation speed
- Take off and landing can be a problem



VTOL Fixedwing
combination of copter and fixed wing UAV
can start and land vertical



- + save start and landing
- + no runway needed
- + excellent flight properties
- + long flight time / high flight speed
- + large areas can be covered



Drone product

scenic photos give a good overview





Drone Product





Drone use benefits

- Support in planning processes
- Mapping of rehabilitated areas
- Monitoring of agricultural areas
- Monitoring of grazing areas
- Can be used on individual basis



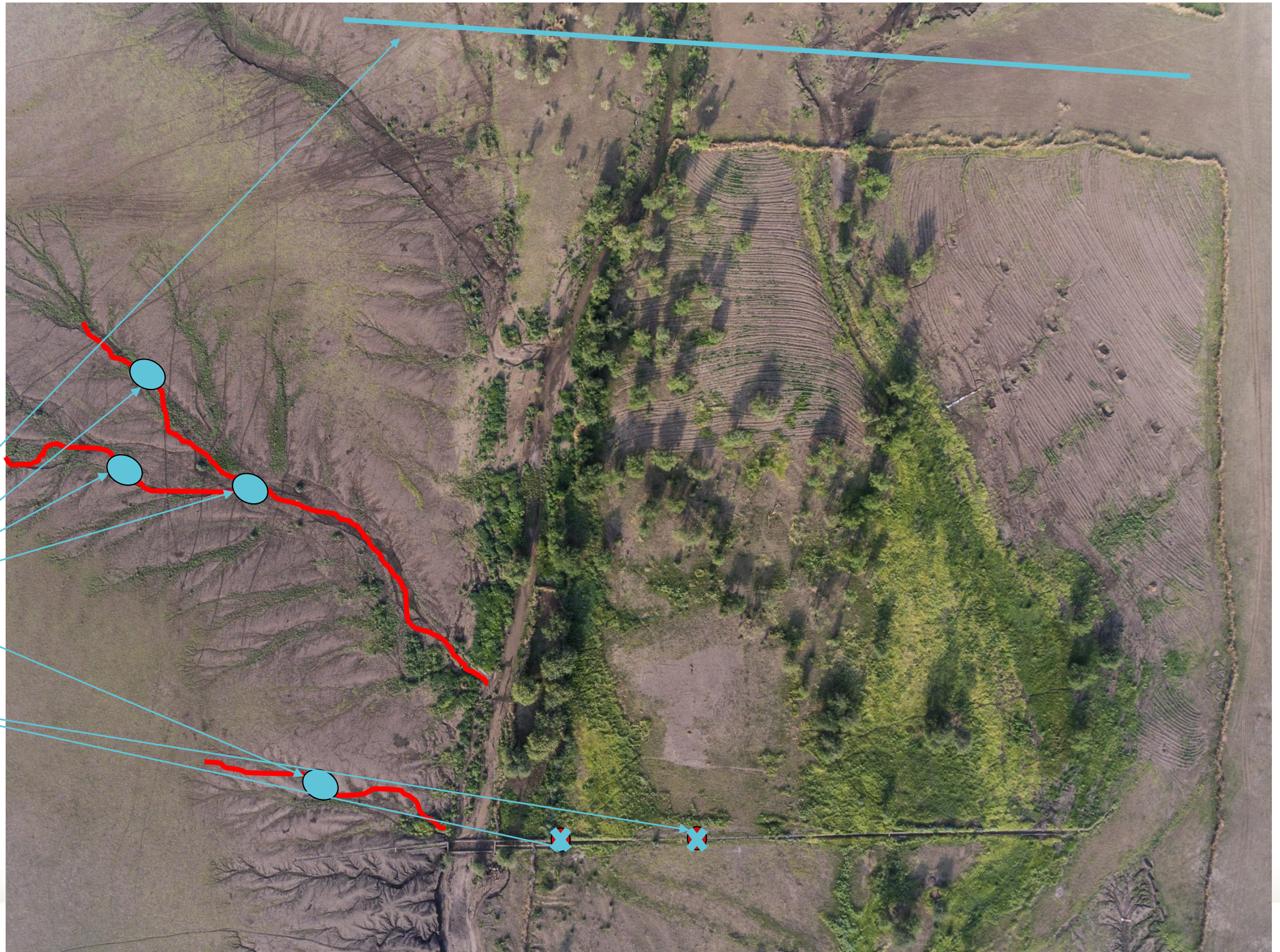
Drone picture for problem analysis



- Gully
- Cracks in weir
- Etc.



Drone picture for solution identification



- New WSW
- Dry stone measures
- Fix cracks
- Etc.