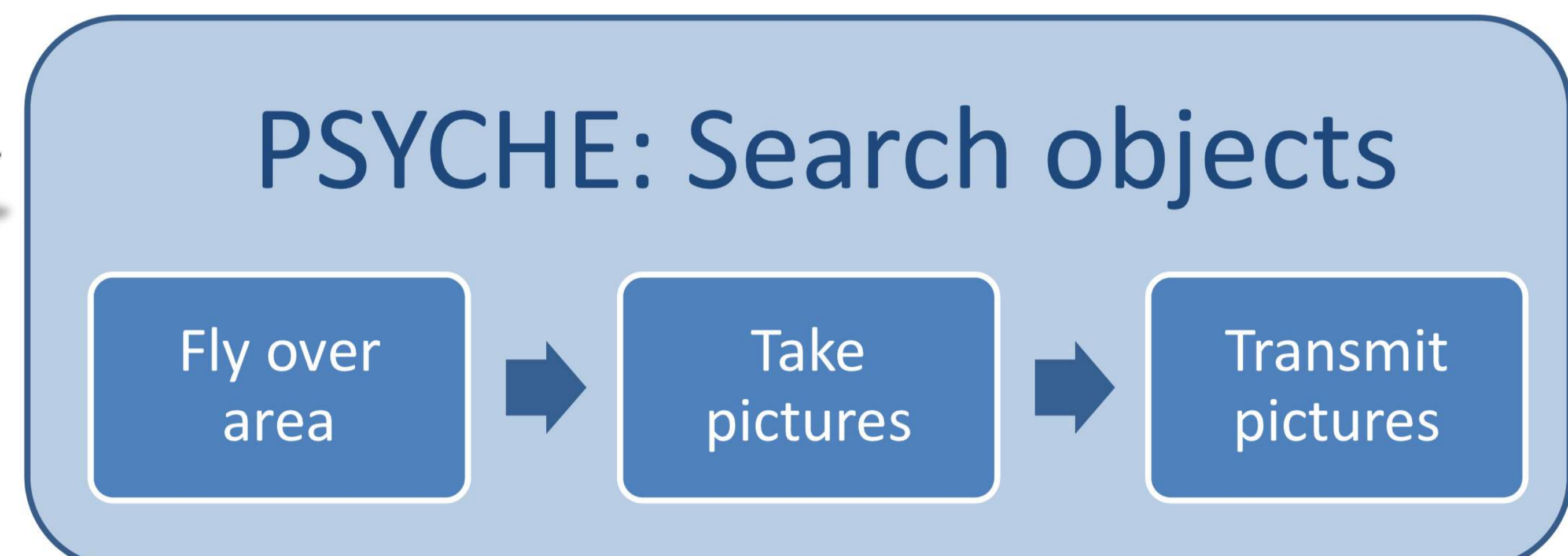


# Ground-air robot cooperation for object recognition in realtime

## System overview

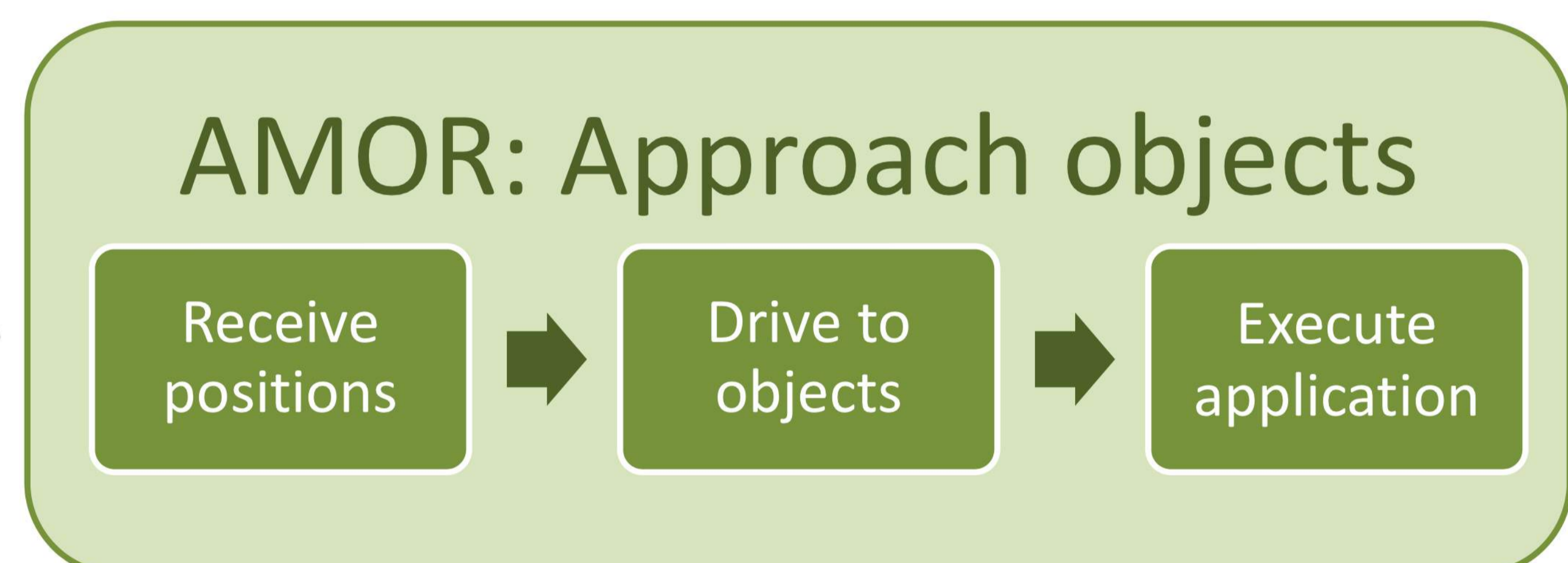
### Air-robot:

- Autonomous quadcopter
- high resolution camera
- flight time up to 45 minutes



### Ground-robot:

- Up to 100 kg payload
- autonomous ATV 4WD



### Properties:

- Automatic georeferenced map generation without ground control points
- high resolution imagery up to 3.3mm/Pixel

## Applications

- autonomous weed-detection and -application
- fawn search
- obstacle detection

