

# LANDRS

Linked-data **A**PI for **N**etworked **D**Rone**S**

## PROJECT PLAN

# PROJECT HIGH LEVEL GOALS

1. A *API, facilitating software stack, and developer community* to enable building drone data management software that will ease drone collected data being made FAIR 2. *Example instantiations* of tools using #1 for specific domains using **#BYO\_Ontology**

# PROJECT TIMELINE

## DESIGN > DEVELOPMENT > DEPLOYMENT

2019 Q2 - Q4: DESIGN

- ESIP Summer meeting design workshop/hackathon1 *16 July*
- RDA Helsinki P14 design workshop/hackathon2 *21 October*
- Begin implementation
- S.Hemisphere Summer Grad Student Exchange *Oct-Nov*

# PROJECT TIMELINE

## 2020 Q1-Q3: DEVELOPMENT

- Development
- Deployment hackathon1: Host domain and location TBD\*
- N.Hemisphere Summer Grad Student Exchange *June-July*

## 2020 Q4 - 2021 Q1: DEPLOYMENT

- Deployment hackathon2: Host domain and location TBD\*
- Transition to community ownership
- RDA WG in parallel

\* Suggestions and interest welcome

# DESIGN HACKATHON1

- ESIP Summer 1 day workshop **agenda evolving here**
- See link for recommended pre-event reading, pre-event telecons, speakers

## BASIC OUTLINE:

- *ESIP Plenary*
- *Morning talks:*
  - LANDRS beta design and available tool stack and ontologies
  - Current drone data tooling
  - Example data-sets
- *Afternoon discussions:*
  - Competency question development
  - Ontology modeling
  - Design review
  - Next steps
- *Rest of ESIP:* Discussion

## MORE DETAILS

- [Github here](#)
- [Slack channel here](#)