• What will be the size of the images received from the cameras?

750x750, 500kb, jpeg

• How do we interface with UNE’s developed machine learning model? Will there be an API

etc.?  
  
TensorFlow will be the API.

• You’ve mentioned both an app and a website in the video. Are both required? What do you

want displayed on each?  
  
Yes, both. App is around warnings at postcode level. Website has two sides: public and research. Public same as app and enter email for notifications. For the research side, researcher should be allowed access on case-by-case basis and access images/metadata.

o How will each group of users interact the website and/or app? Do both need to be

accessible on mobile?  
  
Public using website/app. Researchers using website only.

• How should image data be made available to the researchers?

o Should it be present on the website?

o Should this data be treated as sensitive – does it need to be stored securely, should

it require a username/password to access?

Case by case basis for researchers. A basic login is required.

• Processing the image data – how do you want it sorted, classified and stored?

o Sorting by location, image contents, date/time etc. ?

o What classifications/categories are researchers interested in measuring?  
  
Cloud-based for storage.  
Sorting should be possible.  
Researcher should be able to filter.

• Going commercial – how do you intend to monetise the app?  
  
No plan yet. Building a prototype right now.

• Are mobile services (with/without data) available in the regions where the cameras will be

deployed?  
  
All cameras use 3G and have good connectivity. Another team responsible to ensure they are operational.

• Are there any long-range IoT networks available in the regions where the cameras will be

deployed?  
  
No, just sending via mobile networks.

• Data retention requirements - how many images are you anticipating per day and how long

do they need to be kept for?  
  
Unsure how many images per day, but we want to find out by collecting data. Camera can potentially send an image every few seconds. Cloud service will last for 3 years, outside scope of your project (1 year).

• What do you want to do with images that aren't classified as drop bears

(people/animals/tourists etc.) - is there any value in keeping them?  
  
We do want to keep negative sightings as it helps evaluate performance and accuracy of the system. How many images we’re getting, number of positive/negative detections, how fast the system can process images. Store and log everything in the database.

• Given this system will be used by a range of people including government and that it may be

holding commercially sensitive data – do you have any requirements around security

standards, information privacy legislation, accessibility guidelines, etc. that must be met?  
  
Not too concerned with security outside typical security methods. But these requirements could change when going commercial so should accommodate more security.