1. Points for research environment for evolution projects

**Intellectual environment (research strengths, mentors, groups)**

* Evolution/Genetics ERA 5
* Key groups:
  + Laureates
    - **Westoby**
    - **Paulsen**
  + Future fellows
    - Wright
    - Alroy
    - Lanfear
    - Kosnik
    - Madin
    - Griffiths
  + # DECRAS
  + Mention potential collaborators within the dept.
* Mentoring:
  + HDR conference
  + Biannual panel meetings for HDR students with assigned panel members
  + HDR progress reviews
  + G2G courses & workshops (look up courses relevant to proposal) that are theoretical, vocational, practical (or can be put as hard & soft skills)
  + Advanced biology internships
  + Merit scholar mentoring program (50hrs of paid work in a lab)
  + iGEM competition
  + identify support for students at three levels: research group, dept, and university
* Funding for research
  + HDR financial support: $5K/year, travel grants
  + Internal funding: new staff grants, MQRDG, RIBG, MQSYS
  + Dedicated fund for open access publication fees

**National / international standing (rankings, accolades, achievements)**

* Number of high profile publications for CIs (Nature, Science, PNAS, TREE etc.); invited reviews; high profile invited talks
* CI prizes, fellowships, awards

**Alignment with industry**

**Facilities**

* Fully equipped microscopy lab with dedicated staff
* High-throughput molecular processing facility (DNA/protein extraction)
* Fully equipped refurbished PC2 molecular lab
* Synthetic biology lab under renovation
* Quarantine facility
* Radiation suite
* Proteomics / APAF
* Fauna park
* Fresh and seawater facilities
* Flow cytometers
* Ramaciotti (at UNSW) for sequencing (we are named applicants on the LIEF grants)
* Dedicated Intersect node

**Mentoring and HDR student training (G2G, progress review, financial support)**

See above

**Organisation (research centres, alignment with uni research plans and strategies).**

* G2G will support key workshops on application
* Research committee will provide funds to bring in collaborators
* Admin org’s strategies:
  + Evolution informs:
    - Priority 1: Healthy people
      * Darwinian medicine
      * Informing medical practitioners about evolutionary principles
    - Priority 4: Secure planet
      * Changing environments: adaptive capacity, climate change, species distributions
      * Exploring planet earth and beyond: biodiversity, conservation genetics, evolutionary applications
    - Priority 5: Innovative technoloiges
      * Sci/eng tech
        + Genomics
        + Synthetic biology
        + Experimental evolution
      * Big data
        + Bioinformatics
        + Trait databases

1. ½ page blurb for website, ads for HDR students etc.