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.