

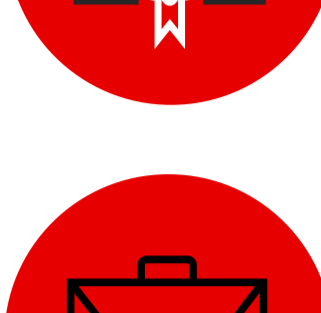
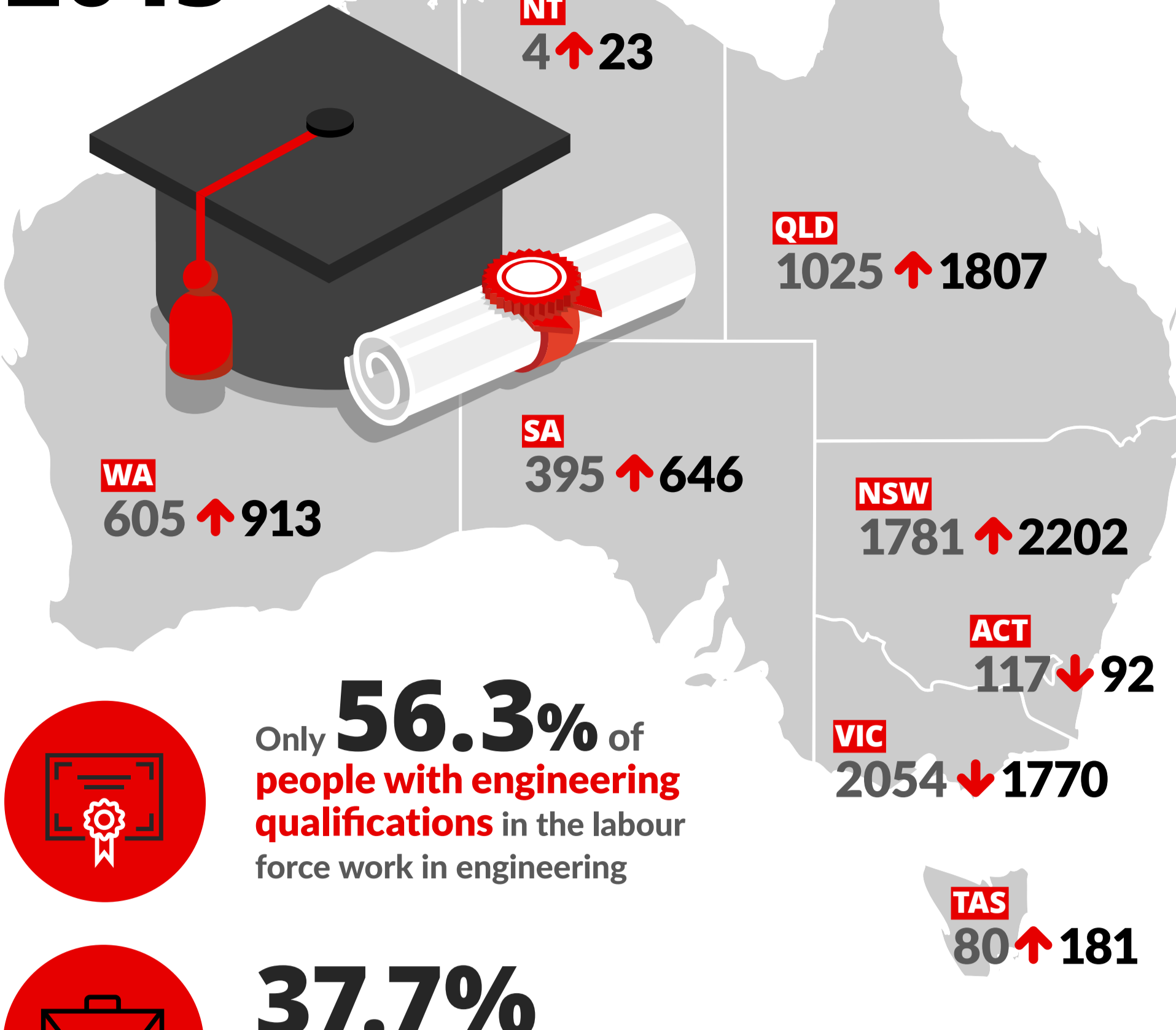
THE ENGINEERING MARKETPLACE

HERE'S A SNAPSHOT OF SOME OF THE FORCES INFLUENCING EMPLOYMENT IN THE ENGINEERING PROFESSION.

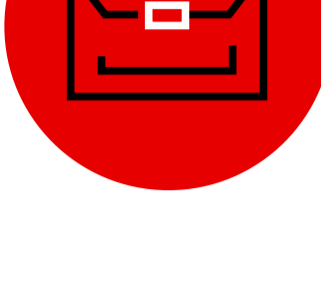
THE STATE OF STEM

Entry-level ENGINEERING DEGREE completions by domestic students

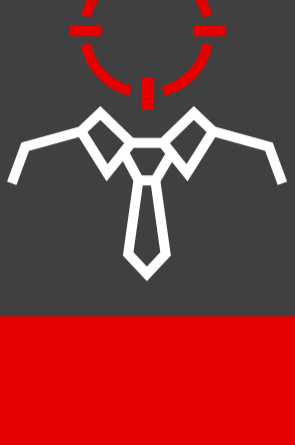
2001 vs 2015



Only **56.3%** of people with engineering qualifications in the labour force work in engineering



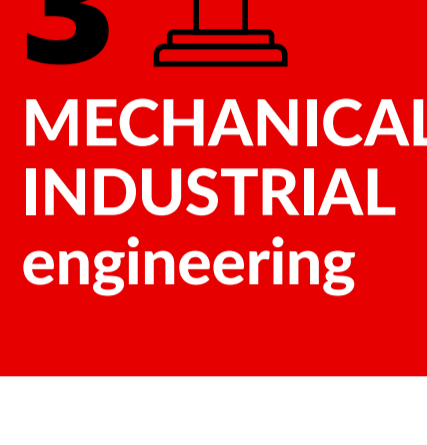
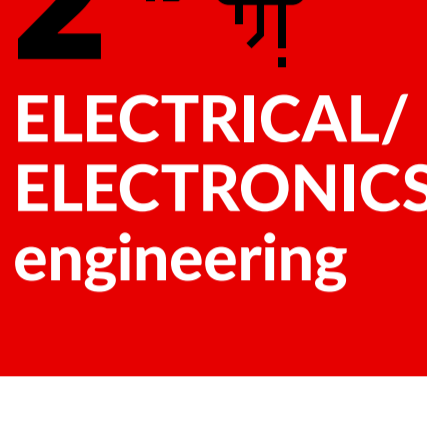
37.7% of qualified engineers work outside of engineering



Proportion of the engineering labour force that is **UNEMPLOYED**

6%

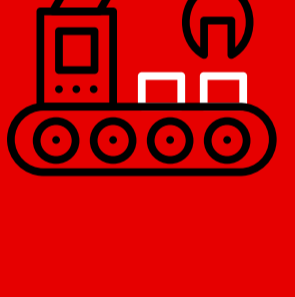
TOP THREE DISCIPLINES:



THE ENGINEERING LABOUR MARKET BOOM OR BUST?



TOP THREE INDUSTRY EMPLOYERS OF ENGINEERING GRADUATES:



20.2% PROFESSIONAL, SCIENTIFIC and TECHNICAL SERVICES



12.5% MANUFACTURING



9.3% CONSTRUCTION



+2.6% AVERAGE GROWTH P.A. IN EMPLOYMENT in engineering from 2011-16

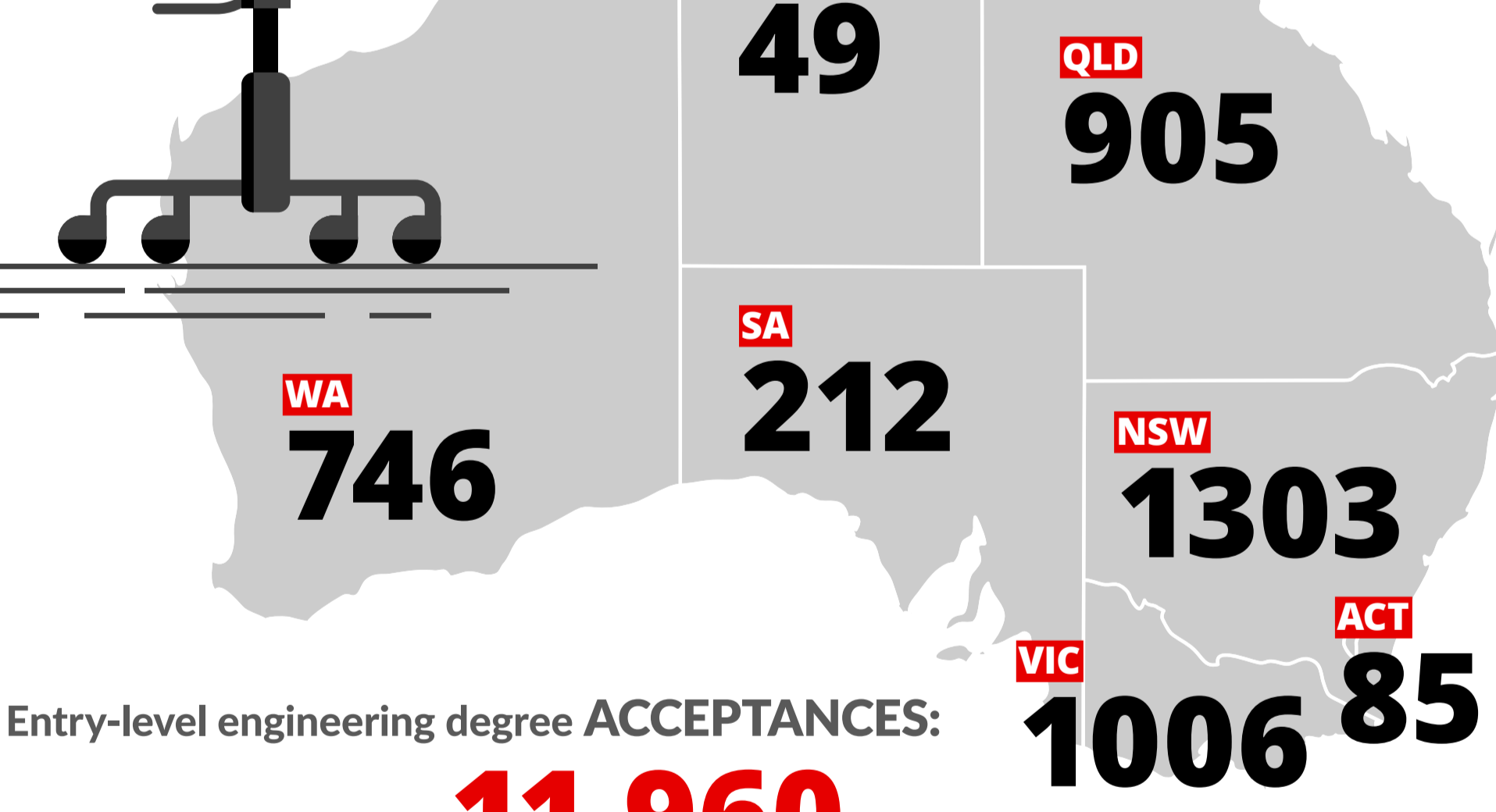
\$100 billion pipeline of CONSTRUCTION PROJECTS

[AFR2017]



JOB VACANCIES

(AS OF JUNE 2018)



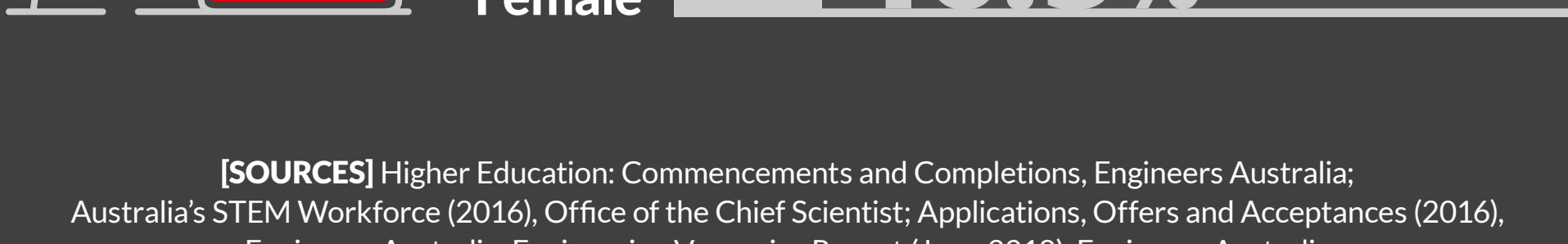
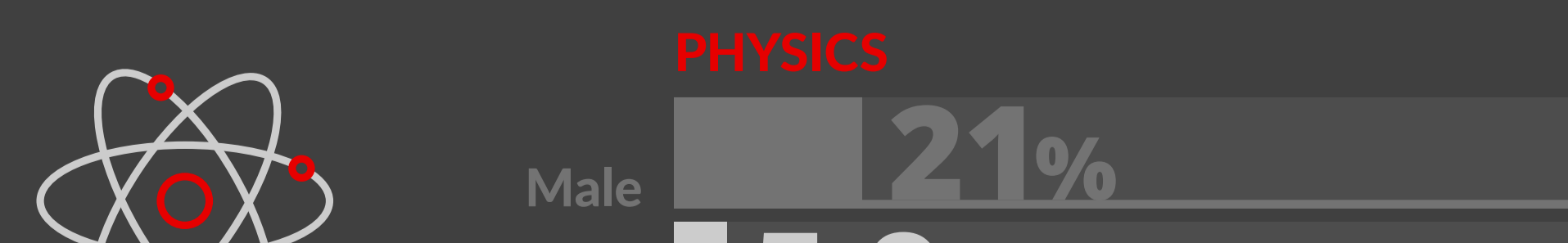
Entry-level engineering degree ACCEPTANCES:



ENGINEERING OCCUPATIONS WITH THE MOST VACANCIES (AS OF JUNE 2018):



NUMBER OF STUDENTS STUDYING ADVANCED MATHS AND SCIENCE REMAINS LOW



[SOURCES] Higher Education: Commencements and Completions, Engineers Australia; Australia's STEM Workforce (2016), Office of the Chief Scientist; Applications, Offers and Acceptances (2016), Engineers Australia; Engineering Vacancies Report (June 2018), Engineers Australia