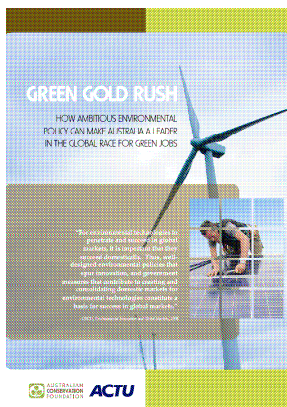


## Green Jobs

The Australian Experience  
Steve Mullins  
Australian Council of Trade Unions

## Rights Based Approach

- *Right to participate*
- *Right-to-know:*
- *Whistleblower protection*
- *Right to refuse dangerous work*
- *Right to refuse work which harms the environment*



Report commissioned to explode the myth that strong action on climate change will destroy industries and jobs.

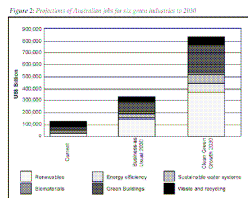
Available at: [www.actu.asn.au](http://www.actu.asn.au)

## The global picture

- Global green markets \$US1.4 trillion a year today to \$US2.7 trillion by 2020.
- In 2007- \$US73 billion in funds to green equity investments.
- Green industries = 11% (+\$US3 bil) of global venture capital investment.
- Sustainable energy accounted for 23 per cent of new power capacity globally and is growing on average by 15 per cent a year.
- More than \$US148 billion in new funding entered the renewable energy sector globally in 2007, up 60 per cent from 2006.
- The renewable energy sector employs about 2.3 million people globally.
- Carbon markets grew by 81 per cent in the first nine months, reaching \$US87 billion by the end of September.
- Germany now has 1.2 million green jobs. The UK has set itself a target of a million.

## The Australian experience

- Australia's green economy \$US15.5 billion, employing 112,000 people.
- Could grow to \$243bil employing 847,000 people
- Six key markets of:
  - renewable energy
  - energy efficiency,
  - sustainable water systems,
  - biomaterials,
  - green buildings,
  - waste and recycling.



**Renewable energy** industry = 15,000 jobs. It could employ up to 500,000 people by 2030.

**Water** sector employs about 125,000 people. But less than 20% on sustainable water efficiency systems.

**Biomaterials** sector, spanning R&D, manufacturing and marketing employs 200 direct jobs. By 2030, it could grow to 33,000 jobs.

**Green Star program building** projects up from 50 in 2006 to 680 in 2008. Could be 230,000 jobs by 2030.

**Recycling** industry employs 11,000 people directly and another 27,000 indirectly. By 2030, could be 50,000 jobs.

## Three Pronged Attack

- National Leadership on environment and industry policy
- National environmental market priorities, industry codes and standards and
- National strategic industry and skills investment planning.

### **National Leadership on environment and industry policy**

- 1. Sound analysis of the opportunities for creating and meeting demand for green products and services.
- 2. Set a vision for green industries and greening' of all industries.
- 3. Demonstrate leadership
- 4. Increase support and facilitate greater collaboration for innovation and commercialization of key green products and services.

### **National environmental market priorities, industry codes and standards**

- Set the pollution cap stabilising CO2-e concentrations below 450 ppm and commit to reducing pollution further with the agreement of other developed nations.
- Energy efficiency with policies to support households, increase commercial incentives to invest in efficiency and improve efficiency standards.
- Set world's best building standards and codes for all new and retrofitted buildings
- Review and remove barriers for consumers, including adopting specific measures for rental properties and low-income households.
- Facilitate greater private investment into the future green economy.
- Eliminating categories of waste to landfill and extended producer responsibility standards for key products.
- Environmental performance standards for all government operations,

### **National strategic industry and skills investment planning**

- Lift the level of public funding for research and development, education and training,
- Improve research and development in environmental technologies
- Strengthen engagement between investors and green industries
- Foster the development of green skills in the workforce
- Create a national strategic plan for environmental science and skills requirements and green industries development.

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