

The Victorian Government has recently announced an aspirational target of “**net zero**” CO₂ emissions for Victoria in 2050. Through the **Take2** initiative, it is calling on Victorian companies to drive innovation and technology to address climate change.

Victoria currently relies heavily on brown coal for its power generation. Indeed, Victoria’s brown coal power stations are often called on to produce up to 110% of the electricity Victoria uses, thanks in part to exports of electricity to other states.

The way we use brown coal today produces the largest contribution to Victorian emissions of CO₂ into the atmosphere. A net zero target will require substantial changes to the way Victoria uses its coal resources.

BCIA is committed to supporting the **Take2** initiative through our R&D and skills development activities. In particular, BCIA supports activities that:

- Accelerate the development of cost-effective carbon capture technologies adapted to Victorian requirements
- Significantly improve the efficiency of coal fired power generation
- Investigate the production of alternate, low or zero CO₂ emissions fuels (such as DME, hydrogen) from brown coal
- Fast-track the commercial deployment of such technologies through funding and partnerships



For more information on the Take2 Pledge program, visit the website www.take2.vic.gov.au