

**Australian Government** 

**Geoscience** Australia

# **The Development of Australia**

A brief overview of the development of Australian sedimentary basins from the perspective of geological storage



# Disclaimer

- Australia- ancient and complex geological history
- This talk is intended to be a brief overview of the development of Australia's sedimentary basins to allow them to be seen in the context of their potential geological storage.
- So I apologise in advance to those experts in the audience who know a lot more about the development of the various basins than I do and who may shudder at the simplifications I am about to give.



## **Gondwana Supercontinent**



### **Earliest Paleozoic**



#### **Early-mid Paleozoic**



#### Late Paleozoic







#### **Mesozoic-** Cretaceous





#### Cenozoic



### **CO<sub>2</sub> Storage Potential of Australian Basins**



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