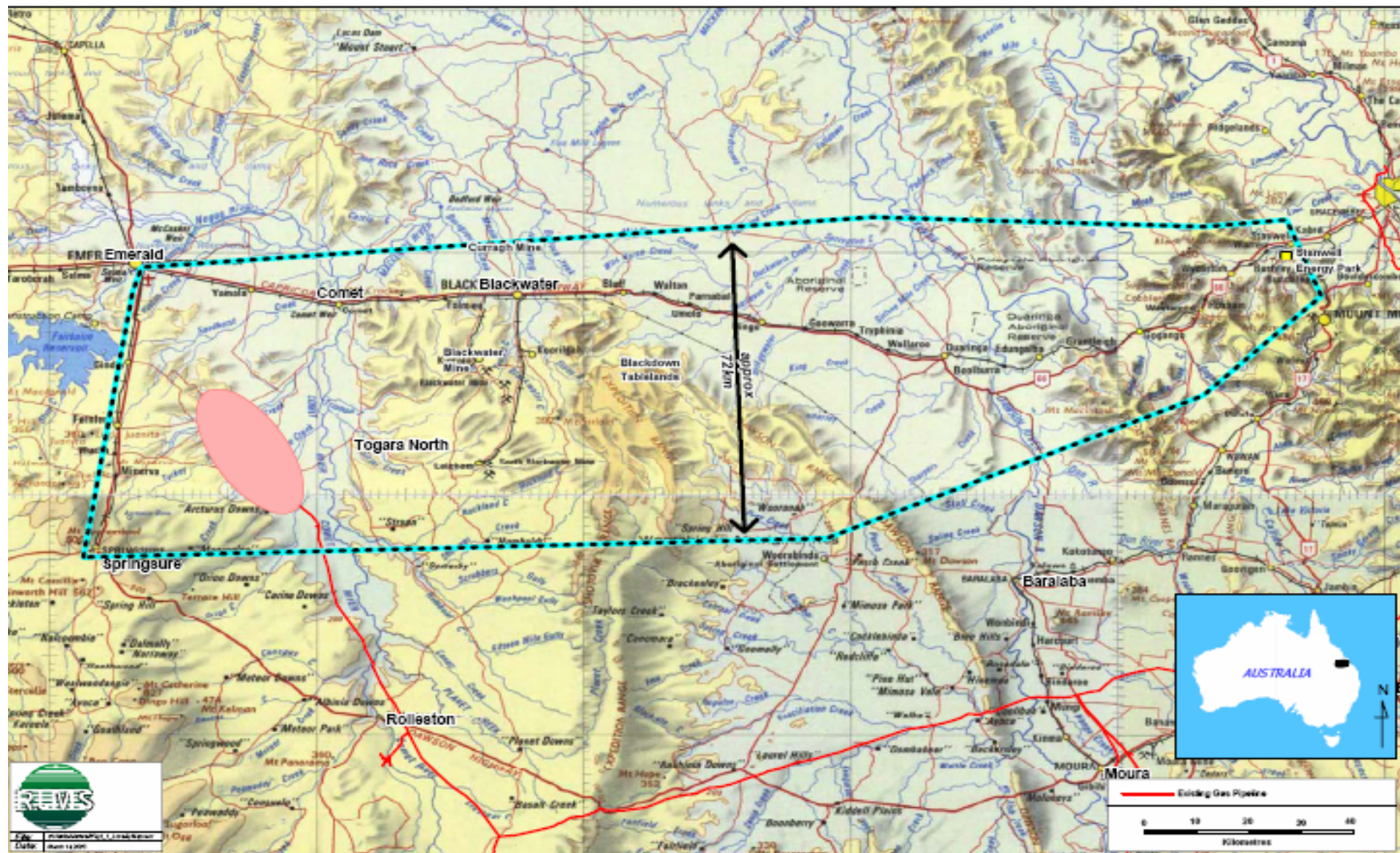


Figure 1-1: Location Map (Source: RLMS)





**Figure 1-2: Site Location Photo – Looking Across Site Toward Stanwell Power Station (Source: Phillips Group)**



**Figure 1-3: Schematic of CO<sub>2</sub> Storage in the northern Denison Trough (Source: ZeroGen)**

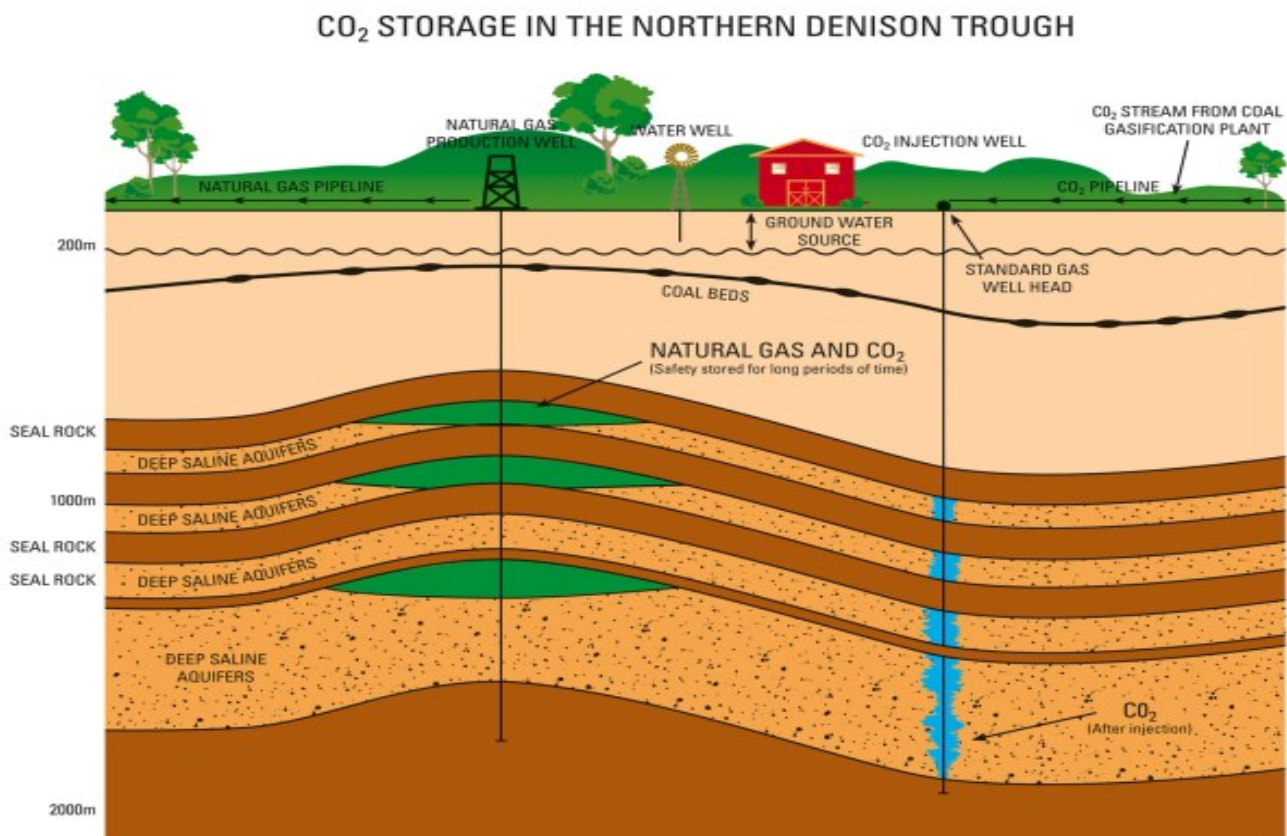


Figure 1-4: Stanwell Power Station (Source: Stanwell Corporation Limited)



Figure 1-5: Northern Denison Trough – Proposed Storage Site (Source: ZeroGen)



Stanwell\_denison\_maps.dgn 04/05

Northern Denison Trough - Proposed Storage Site



Figure 1-6: Pipeline Study Route (Source: RLMS)

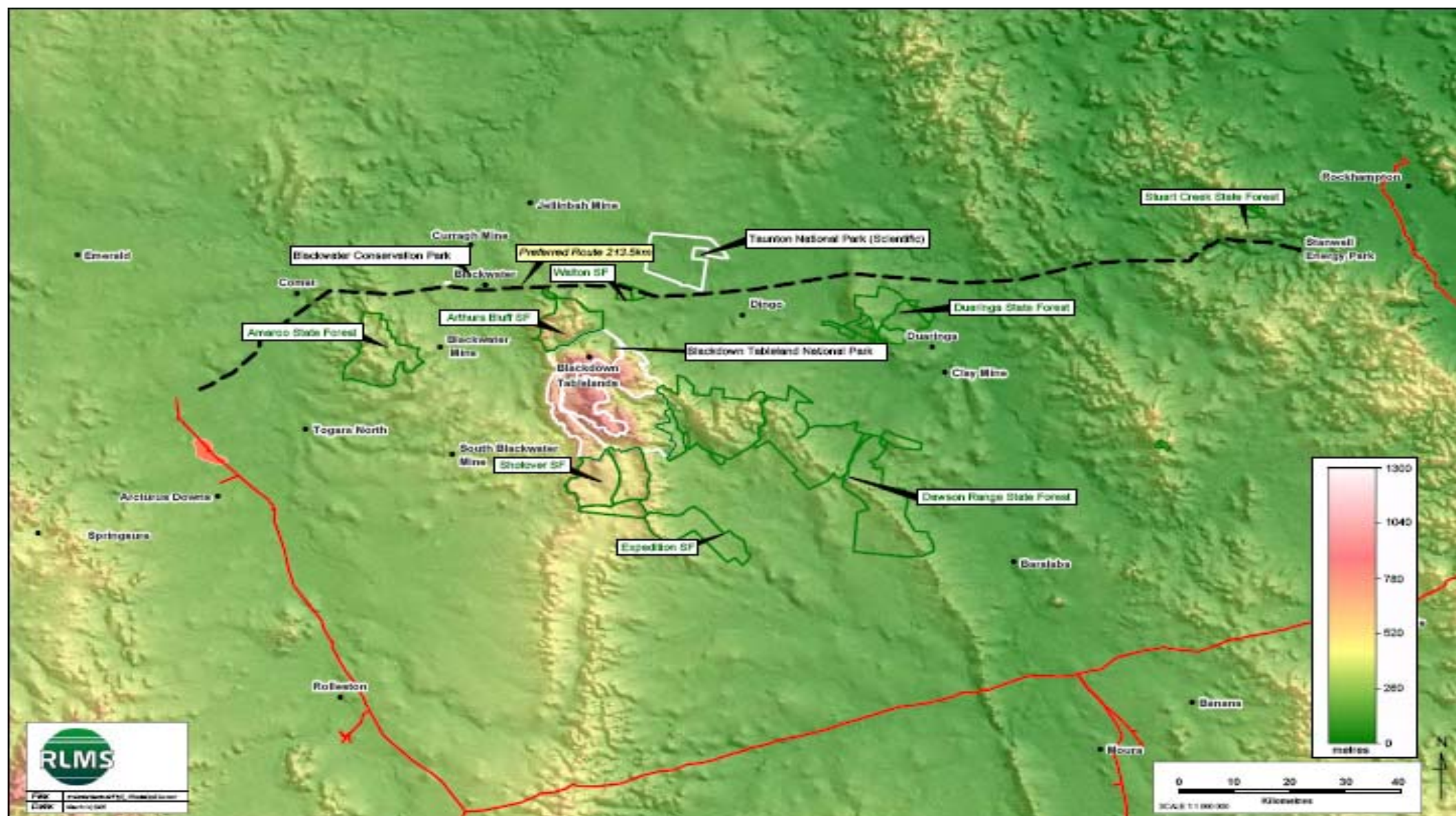


Figure 2-1: Global Average Temperatures (Source: New Scientist)

**THE WORLD IS GETTING WARMER**

Temperature plotted as the deviation from the 1960 to 1990 average

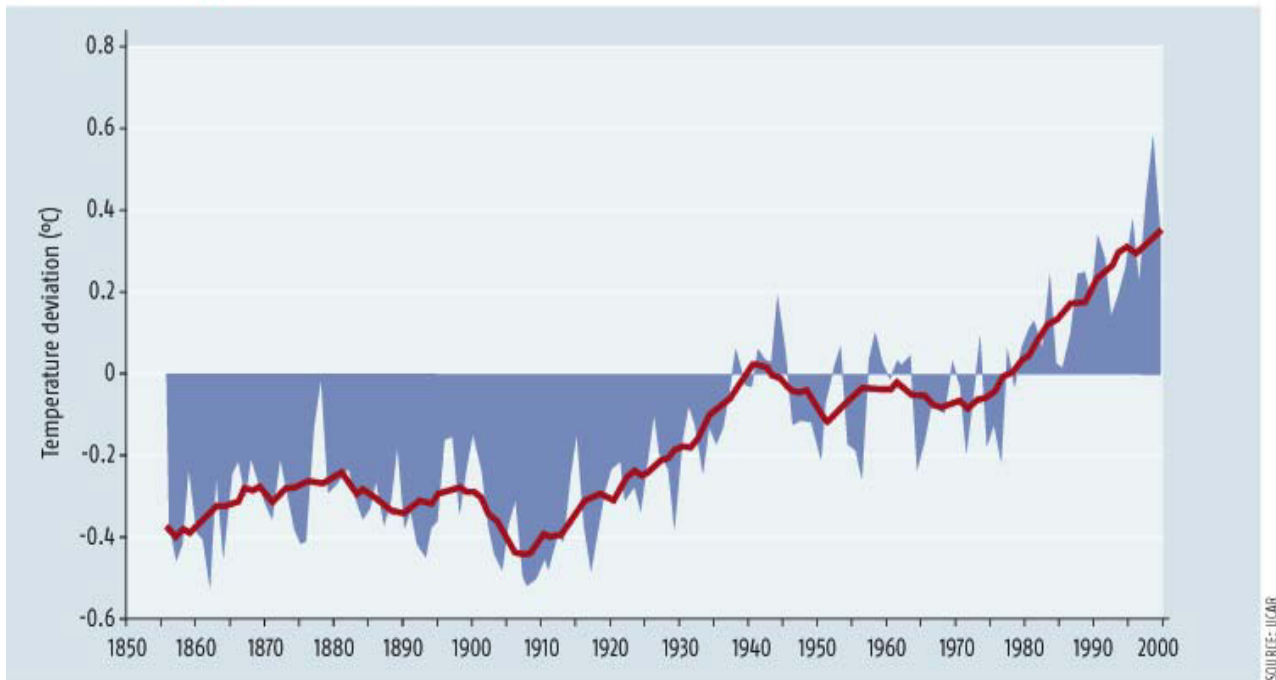
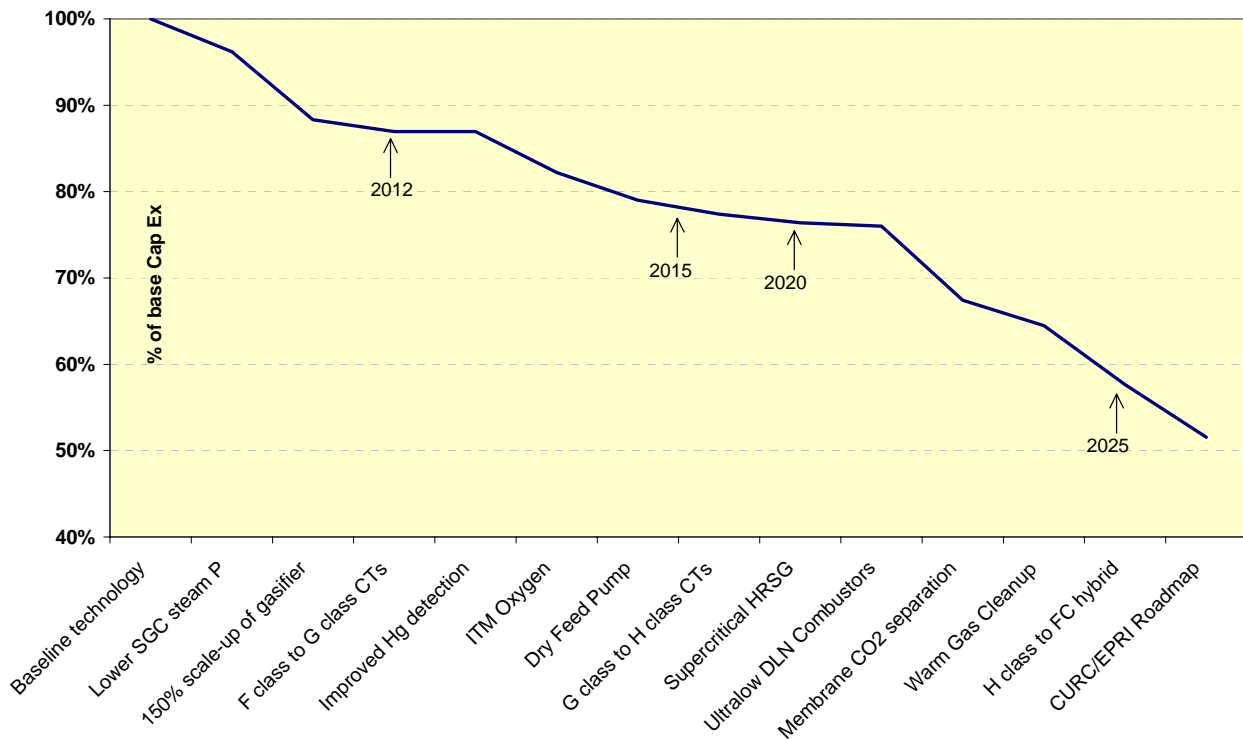
● Yearly deviation    ● 10-year smoothed trend


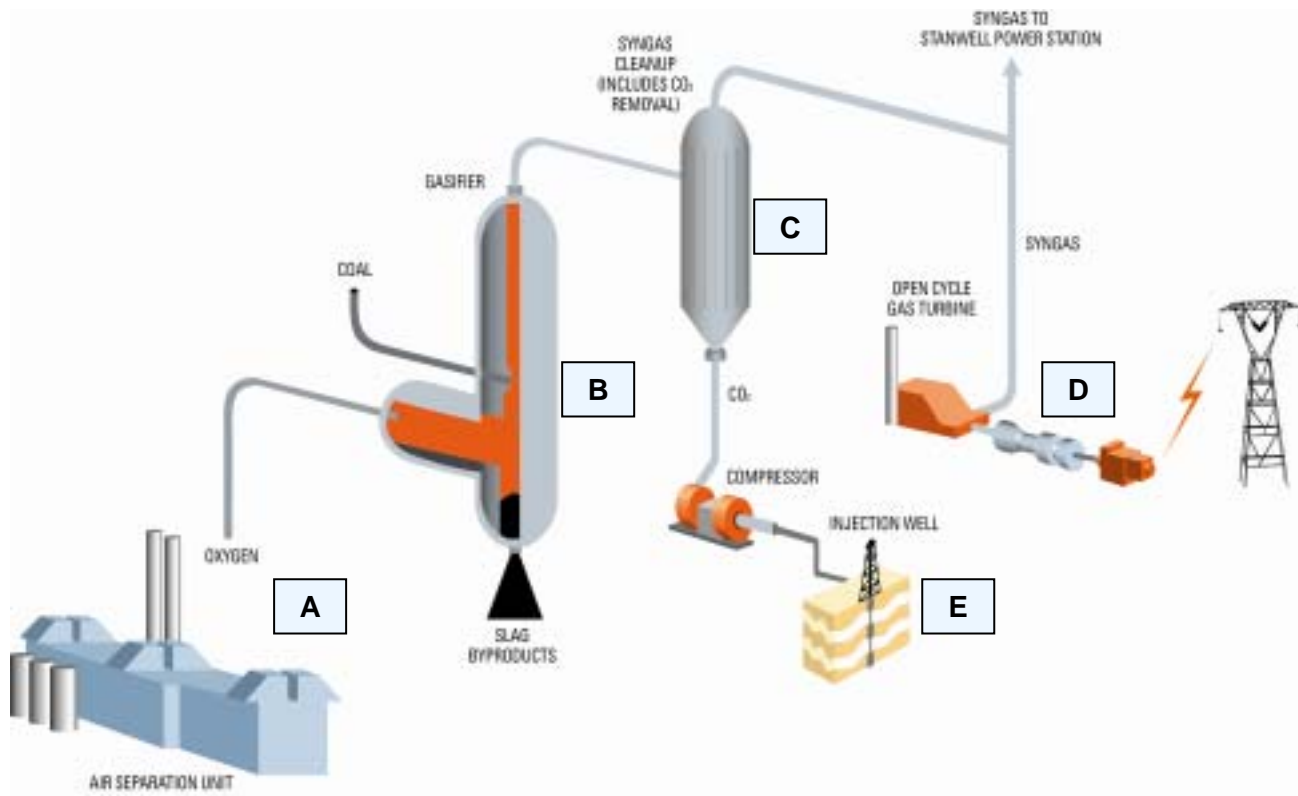
Figure 3-1: Operational and Committed IGCC and CCS Project Comparison (Source: ZeroGen)

PlantLocation		Major Components						
		Air Separation Unit	Entrained Flow Gasifier	Gas Turbine Power Generation	Shift Reaction	High Hydrogen Syngas	Carbon Capture	Carbon Storage
Coal Fired Gasification Based Generation Plants								
Cool Water (decommissioned)	USA							
Willem Alexander (Buggenum)	Netherlands							
Wabash River	USA							
Polk County (Tampa)	USA							
Pinion Pine (decommissioned)	USA							
Puertollano	Spain							
Nakoso (under construction)	Japan							
Coal Fired Gasification Based Chemical Plants								
e.g. Dongting	China							
CO2 Sequestration								
Sleipner	Norway							
In Salah	Algeria							
Weyburn	Canada							
Frio Brine	USA							
Integrated Gasification and Sequestration								
ZeroGen	Australia							
FutureGen	USA							

**Figure 3-2: EPRI IGCC Plant Improvements and Capital Costs Roadmap (Source: Doan, T. and Jenkins, C., 2006, Outlook for the Economic and Environmental Performance of the NEM in 2030: Discussion Paper No. 82, Stanwell Corporation Limited)**



**Figure 4-1: ZeroGen Gasification Power Generation Facility (Simplified) (Source: Developed by ZeroGen)**





**Figure 4.2: ZeroGen Gasification Power Generation Facility (Processing Steps) (Source: Developed by ZeroGen)**

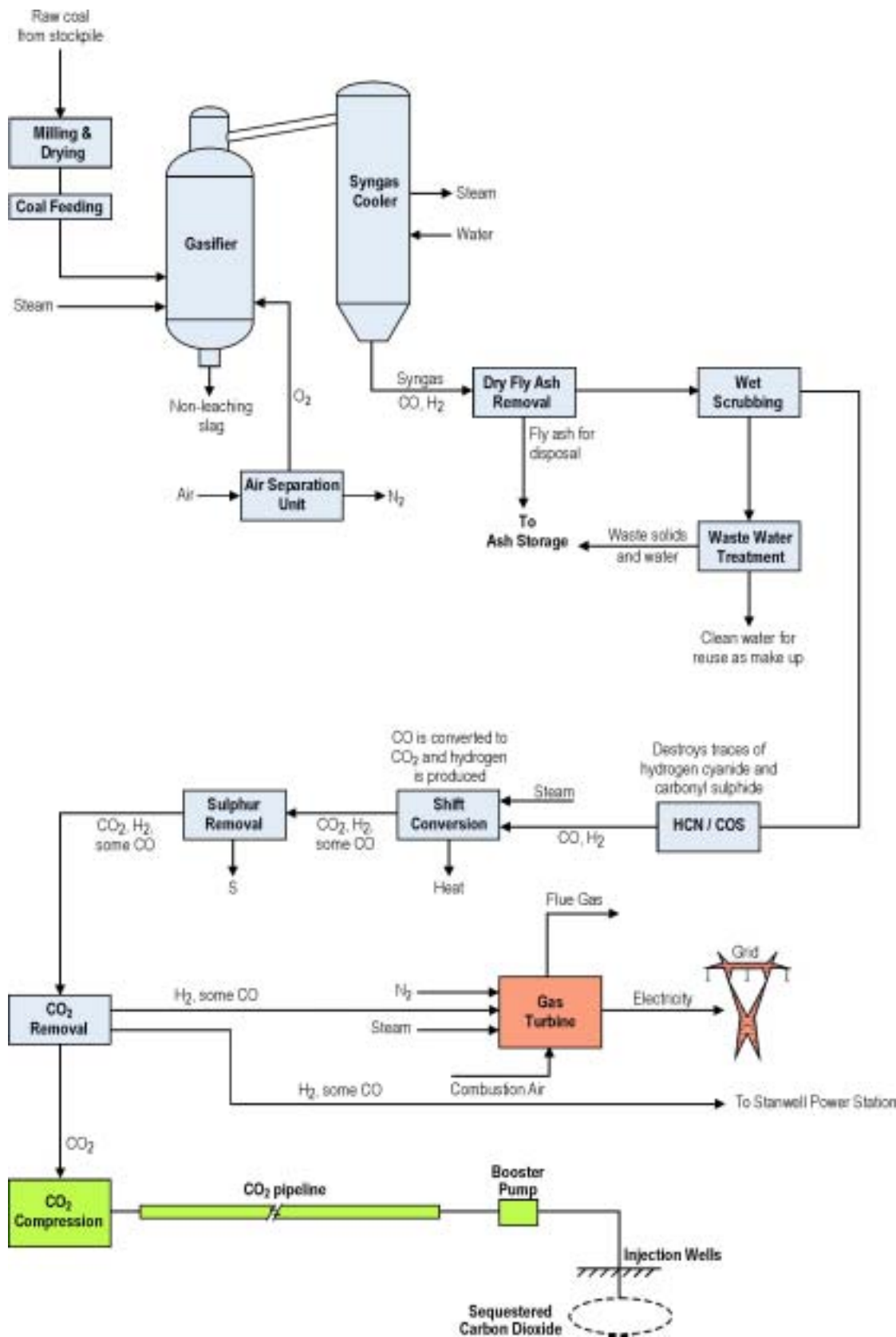




Figure 4-3: ZeroGen Demonstration Plant Preliminary Overall Site Layout &amp; Aerial Photography (Source: ZeroGen)

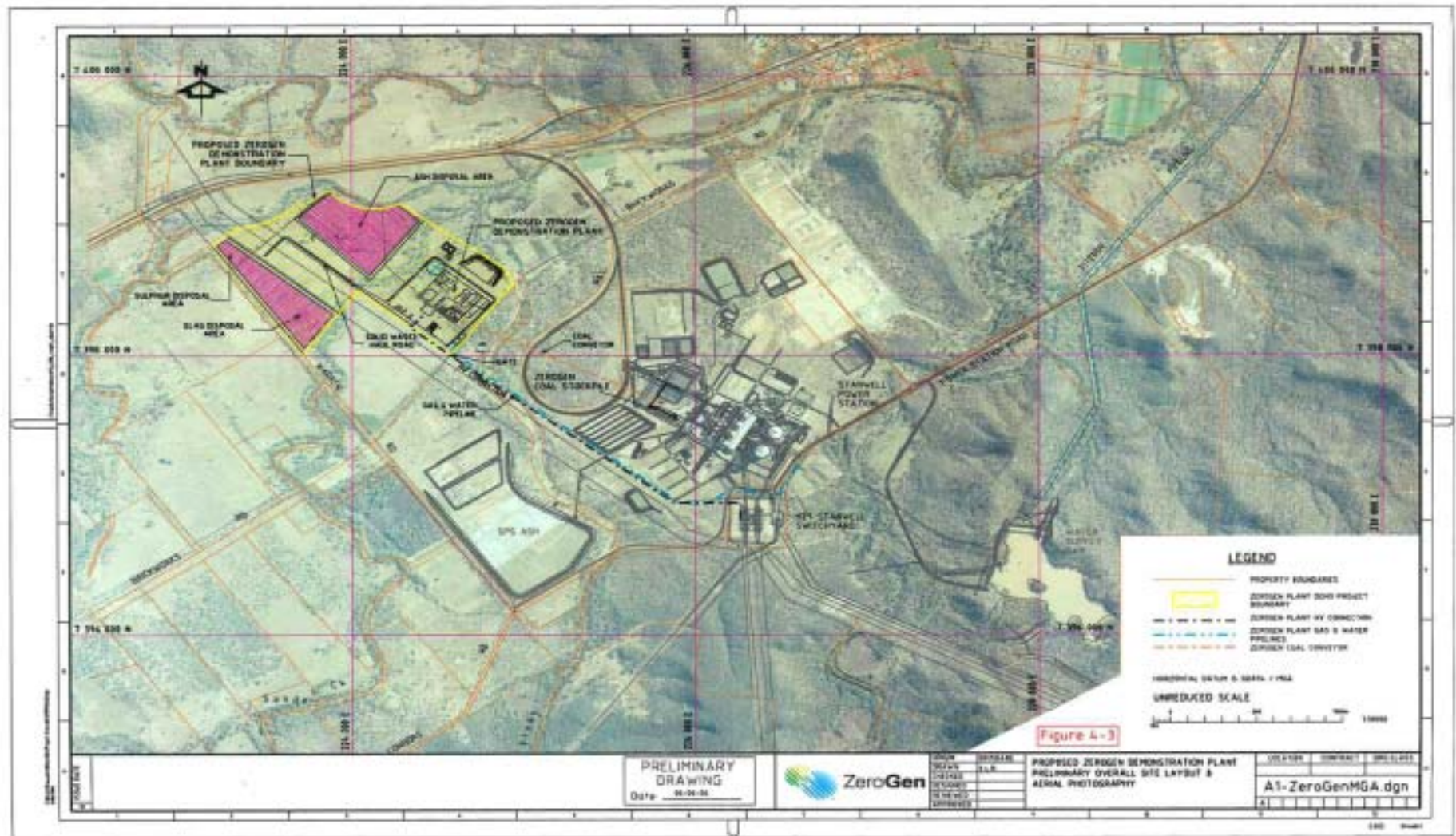


Figure 4-4: Construction Procedures for Pipelines (Source: RLMS)



Figure 4-5: Typical pipeline construction activities (Source: RLMS)

