

Managing business risk in a changing climate





Adaptation

Incremental ↔ Transformational

Inherent risks

Land use

Management risks

Land management

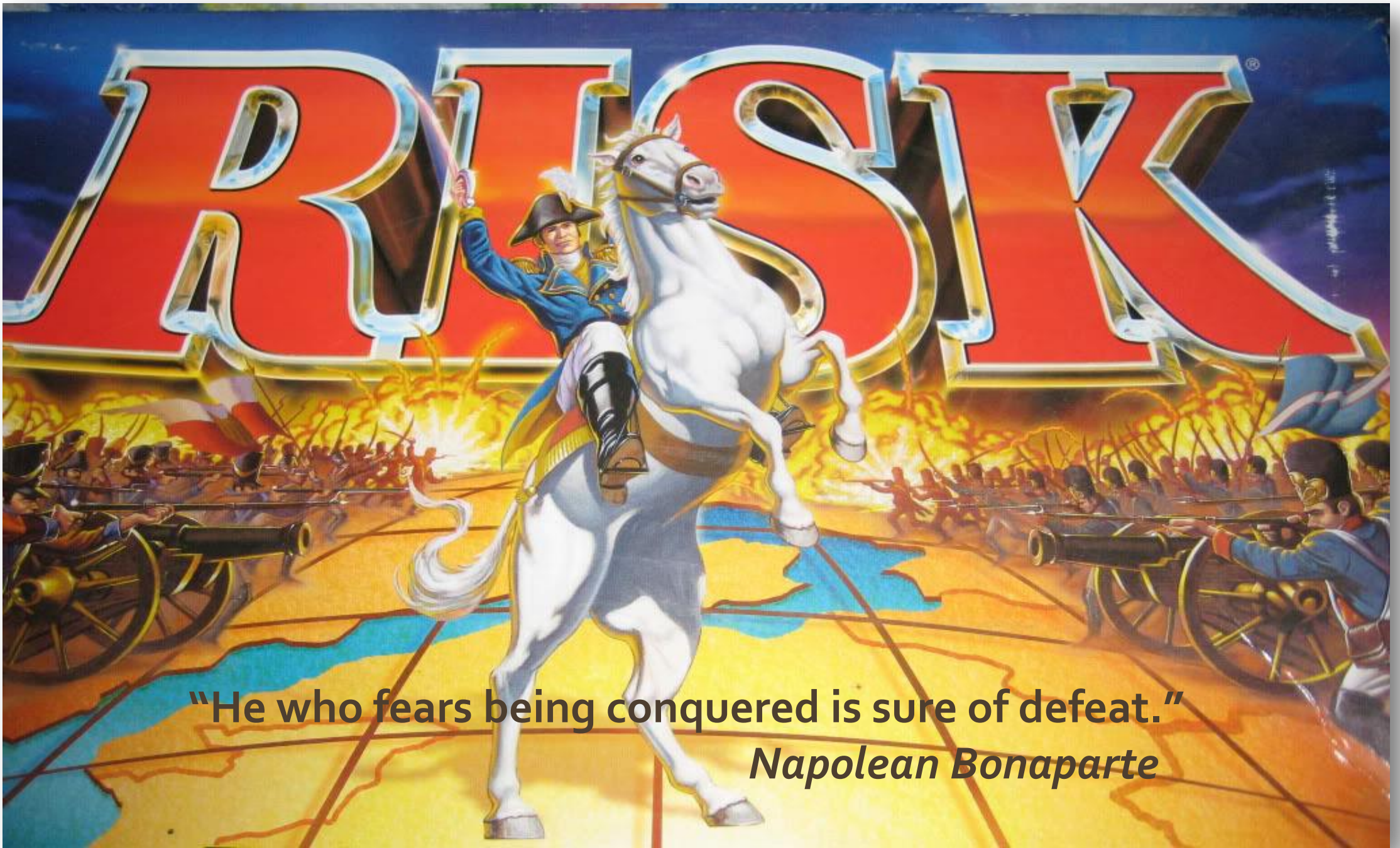
External risks

Human and social capital

Table 1. Grazing risk assessment matrix showing the impacts of climate change on three key elements of the grazing industry (blue cells are positive impacts and brown cells are negative impacts)

Climate change variable	Pasture Growth	Surface Cover	Wool per Head
1. Elevated CO2	Moderate increase in pasture growth due to CO2 fertilisation	Minor increase in surface cover	Minor decrease in wool per head due to decreased pasture nutrition
2. Increased evaporation	Decrease in pasture growth	Decrease in surface cover	Decrease in wool per head
3. Higher minimum temperature	Moderate increase in pasture growth	Increased surface cover	Increase in wool per head

Source Publication: D. Cobon, G. Stone et al. (2009). The Climate Change Risk Management Matrix for the grazing industry of northern Australia. The Australian Rangeland Journal (2009) vol. 31



“He who fears being conquered is sure of defeat.”
Napolean Bonaparte