

UK Climate Change Risk Assessment 2017

Maria Clarke
Dorset LNP Manager

18 June 2019



Climate Change Act 2008

- The UK Government is required to publish a UK-wide Climate Change Risk Assessment (CCRA) every five years
- Assess 'the risks for the United Kingdom from the current and predicted impacts of climate change'
- Most recent Risk Assessment published in January 2017
- Adaptation Sub-Committee of the Committee on Climate Change (ASC)



Climate Change Risk Assessment 2017

- The Adaptation Sub-Committee summarised the results of the independent analysis presented in the CCRA Evidence Report into a Synthesis Report
- This Evidence Report fed in to the development of the UK National Adaptation Programme, published in Summer 2018



www.youtube.com/watch?v=SDxmlvGiV9k



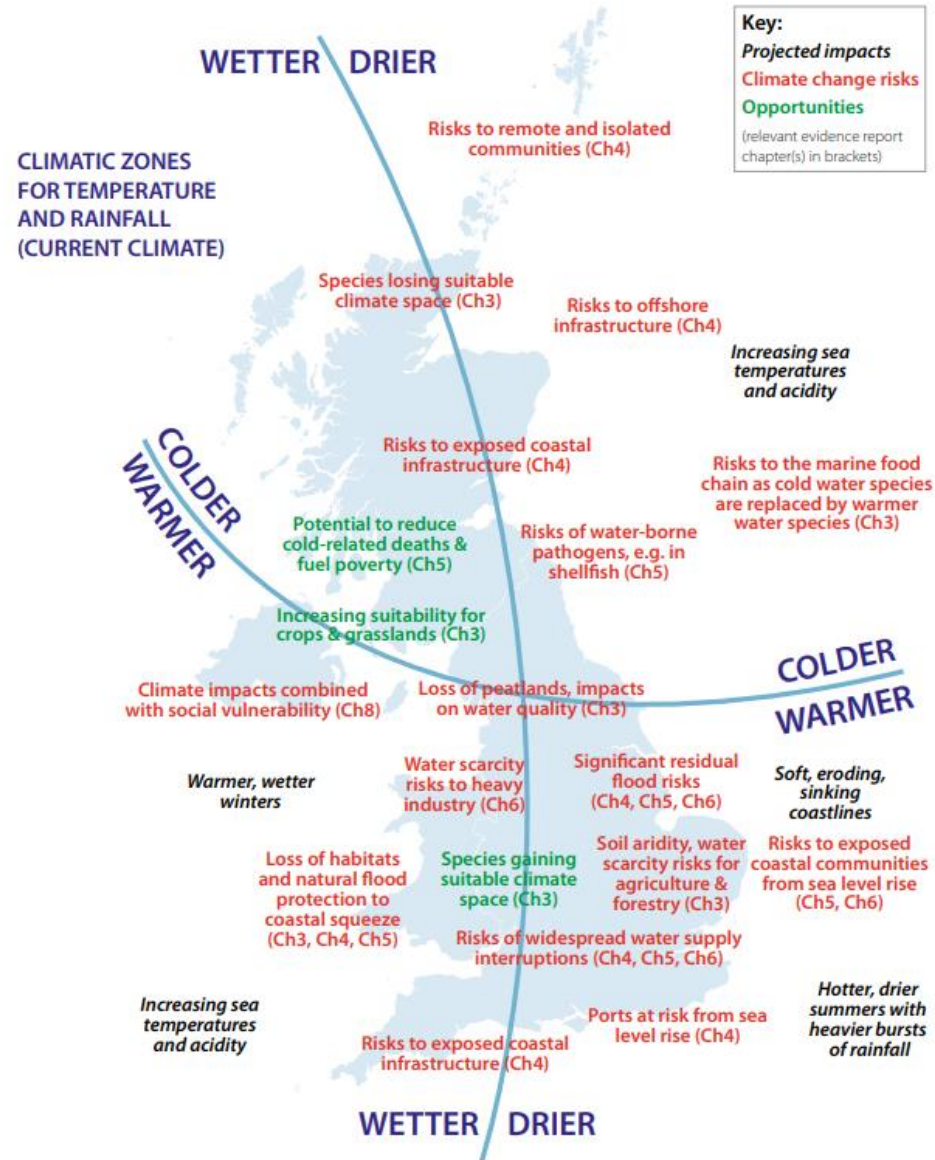
Priority areas

<p>Flooding and coastal change risks to communities, businesses and infrastructure (Ch3, Ch4 Ch5, Ch6)</p>	<p>MORE ACTION NEEDED</p>
<p>Risks to health, wellbeing and productivity from high temperatures (Ch5, Ch6)</p>	
<p>Risk of shortages in the public water supply, and for agriculture, energy generation and industry (Ch3, Ch4, Ch5, Ch6)</p>	
<p>Risks to natural capital, including terrestrial, coastal, marine and freshwater ecosystems, soils and biodiversity (Ch3)</p>	
<p>Risks to domestic and international food production and trade (Ch3, Ch6, Ch7)</p>	
<p>New and emerging pests and diseases, and invasive non-native species, affecting people, plants and animals (Ch3, Ch5, Ch7)</p>	<p>RESEARCH PRIORITY</p>
<p>NOW -----> FUTURE</p>	

RISK MAGNITUDE: LOW MEDIUM HIGH

Source: ASC (2016) *UK CCRA 2017 – Synthesis Report*





Source: ASC synthesis of the Evidence Report chapters



Evidence Report Chapter Summaries

Chapter 3: Natural environment and natural assets

Chapter 4: Infrastructure

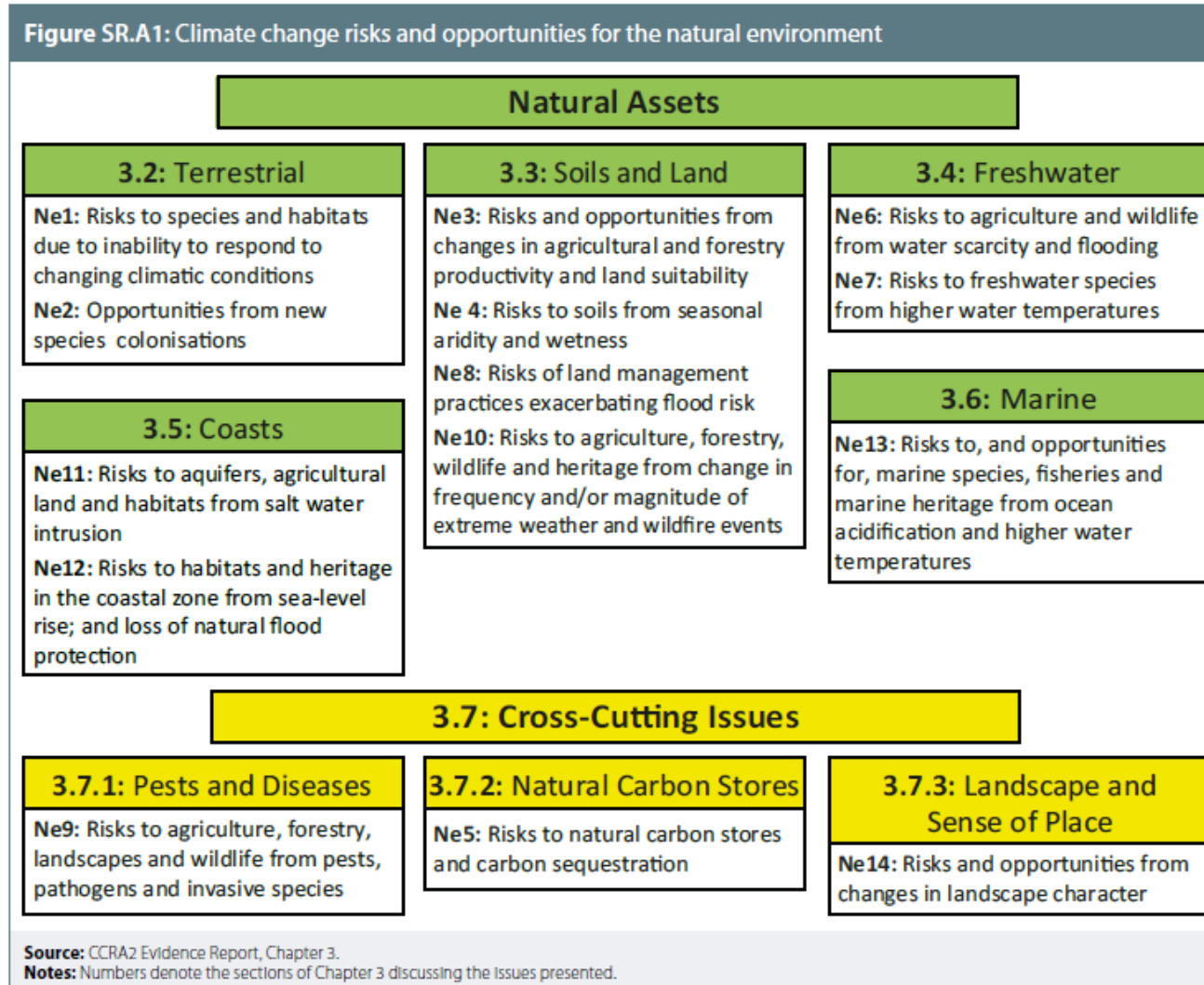
Chapter 5: People and the built environment

Chapter 6: Business and industry

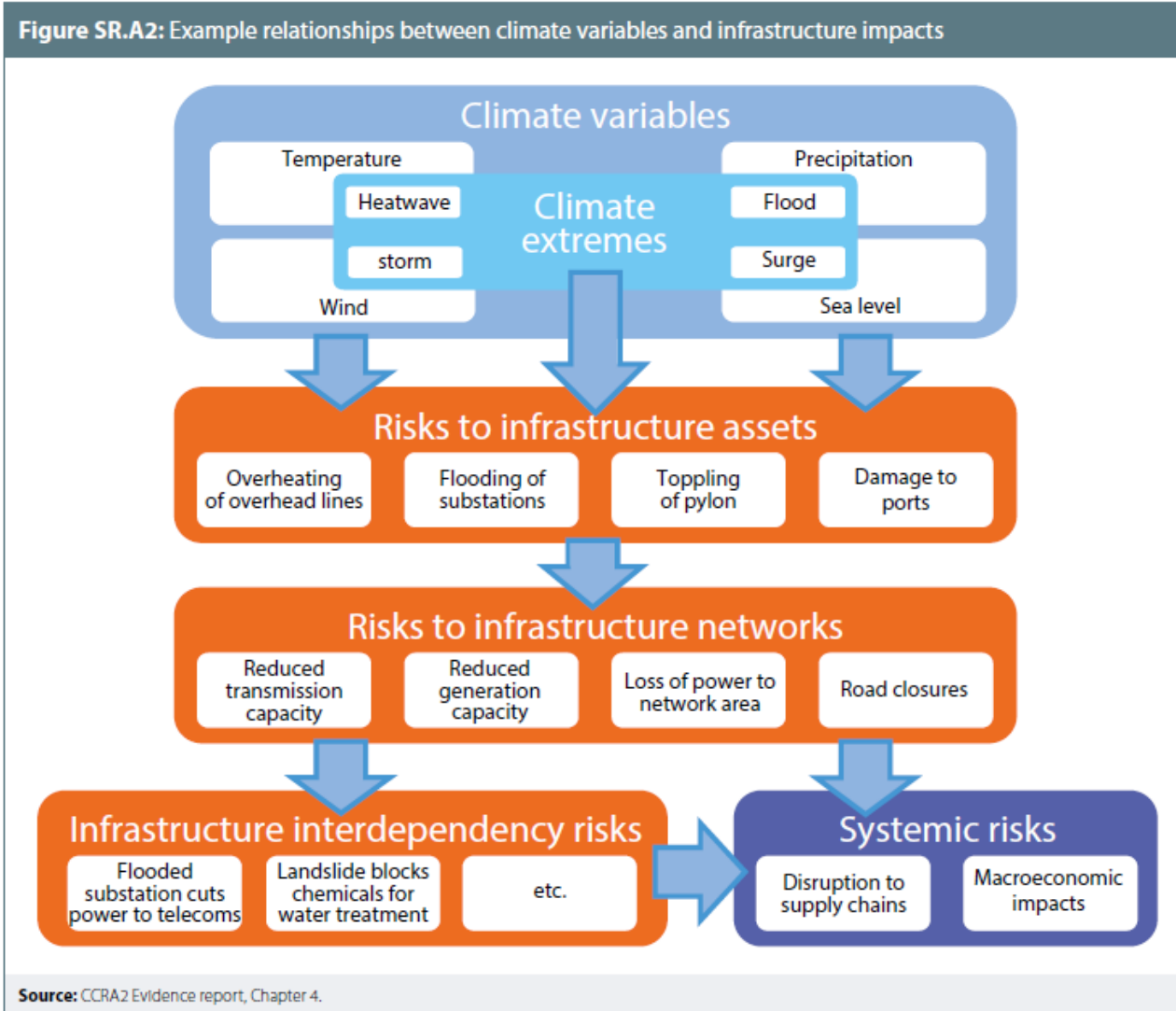
Chapter 7: International dimensions



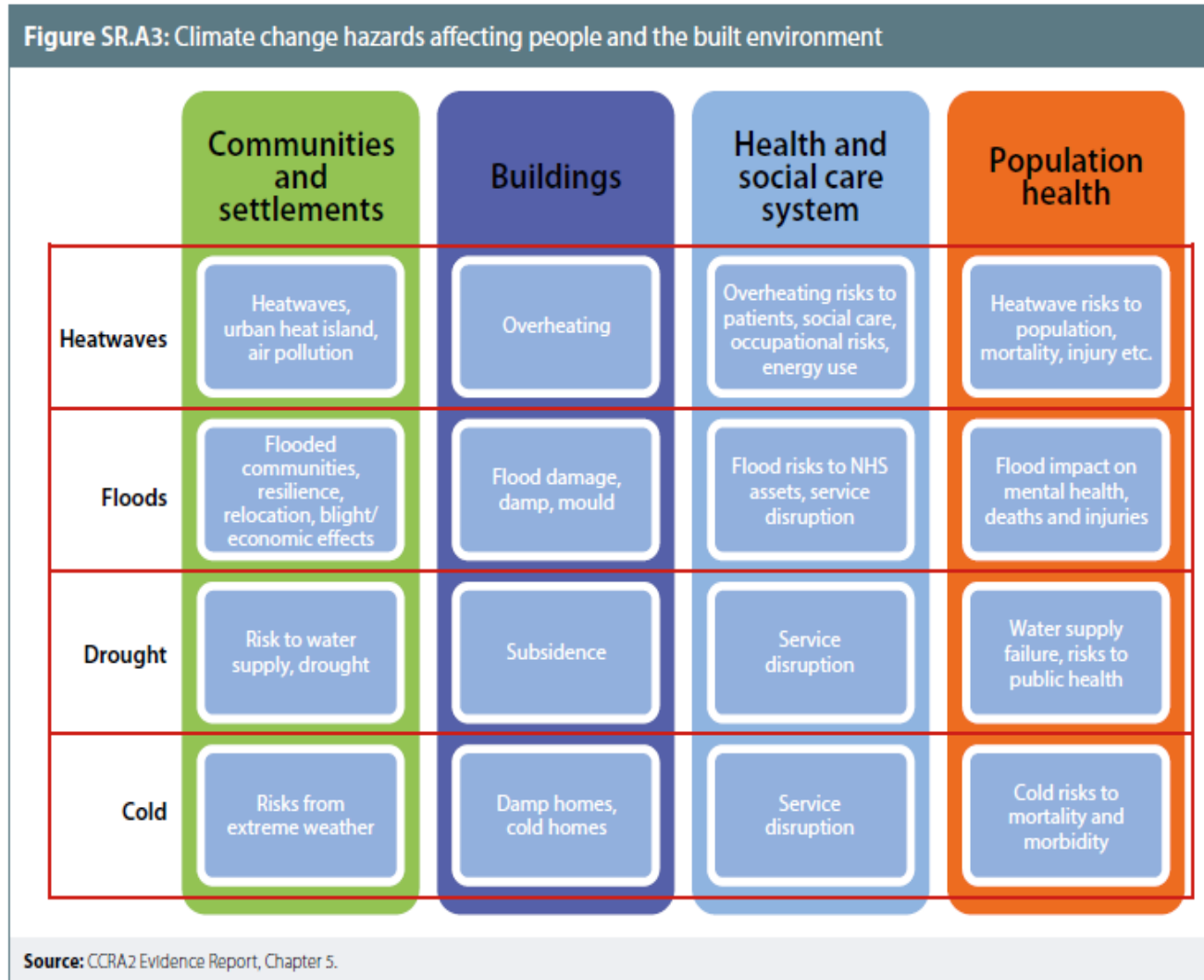
Chapter 3: Natural environment and natural assets



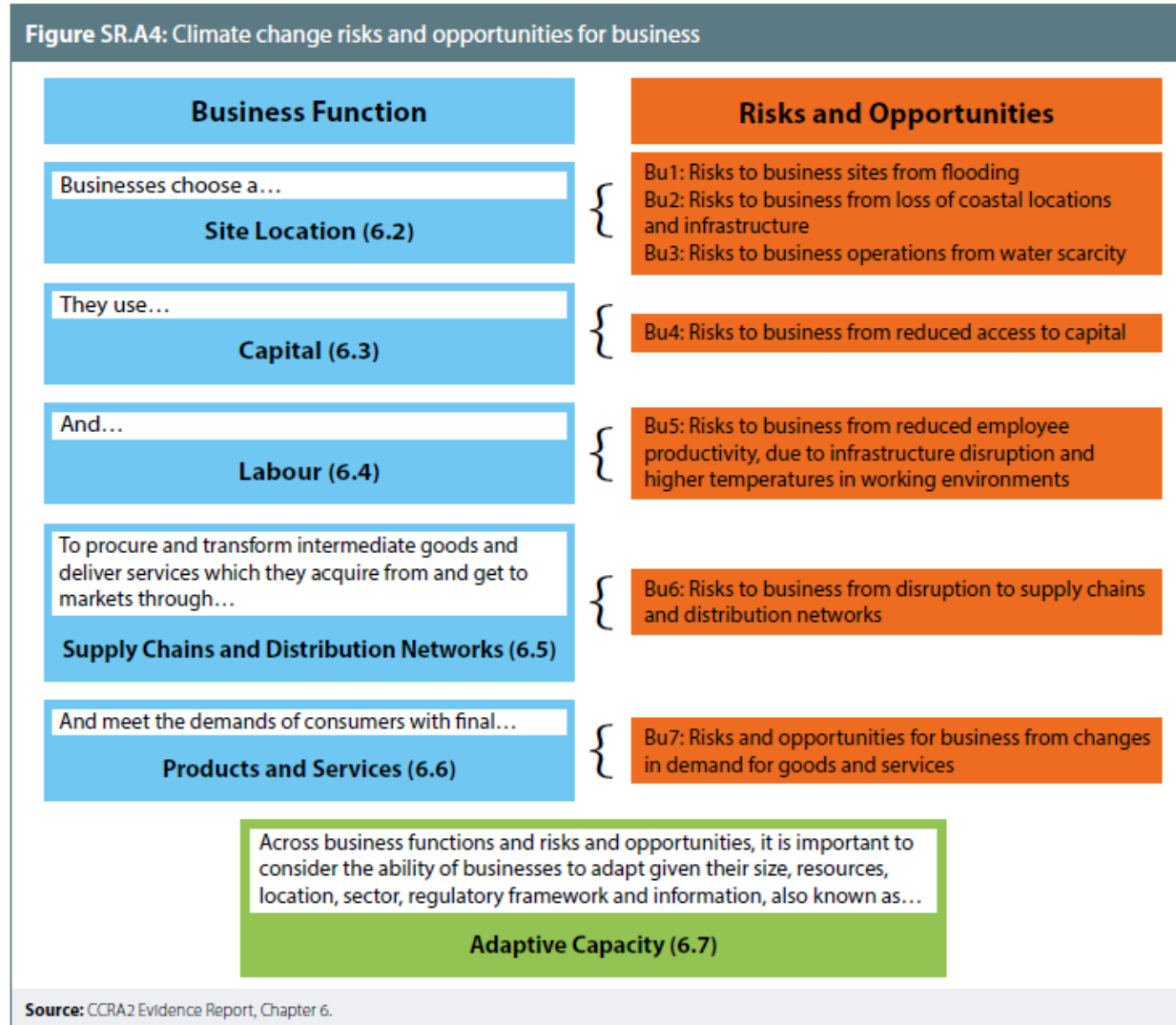
Chapter 4: Infrastructure



Chapter 5: People and the built environment



Chapter 6: Business and industry



Conclusion

- Government to publish a UK-wide Climate Change Risk Assessment (CCRA) every five years
- Published in 2017
- Key risks:
 - Flooding and coastal change
 - Risks to health from high temperatures
 - Shortage of public water supply
 - Risks to natural capital
 - Risks to food production and trade
 - Pests / diseases and invasive species
- How can we work together in Dorset?



Thank you

Maria Clarke

mclarke@dorsetwildlifetrust.org.uk or info@dorsetlnp.org.uk

Twitter: @dorset_lnp

