

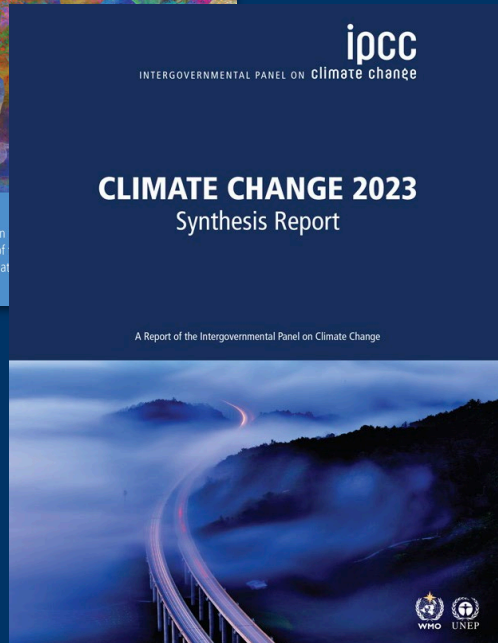
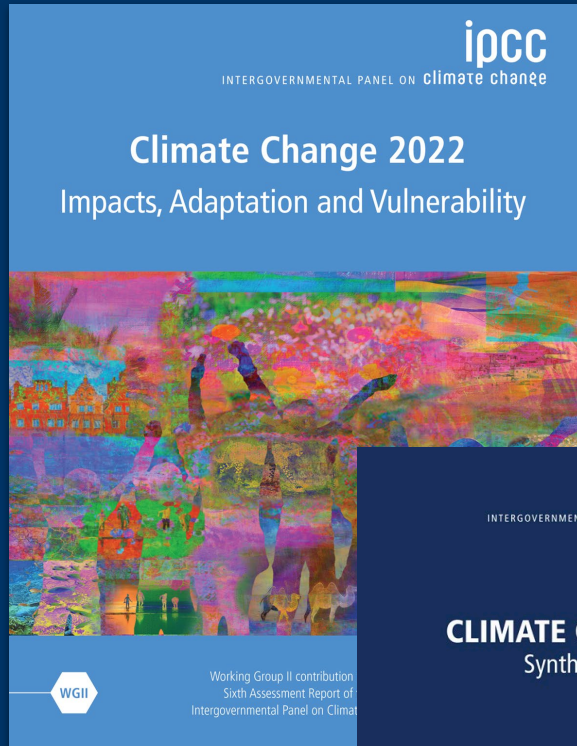
Climate Change: Resilience, Transformation, and Equity

# Climate Resilient Development

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Co-Chair IPCC Working Group II

Asia Outreach Event, Bangkok – 28 April 2023  
Figure animation: Frode Degvold & Siri Eriksen





Where we are .....

**Current trends are incompatible with a sustainable, equitable world.**

More than a century of burning fossil fuels as well as unsustainable energy and land use has led to global warming of 1.1°C, resulting in more frequent and more intense extreme weather events.

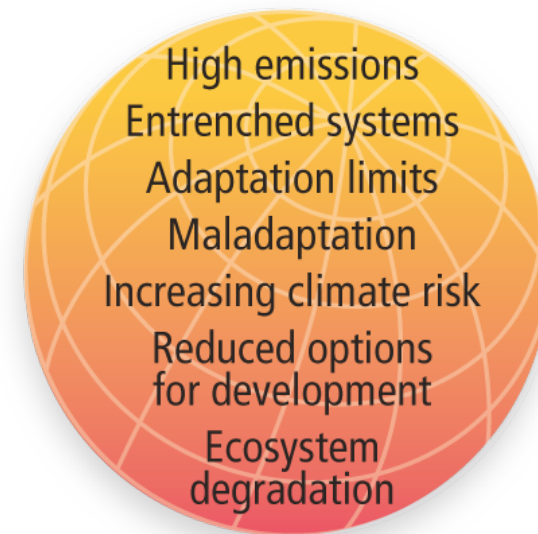
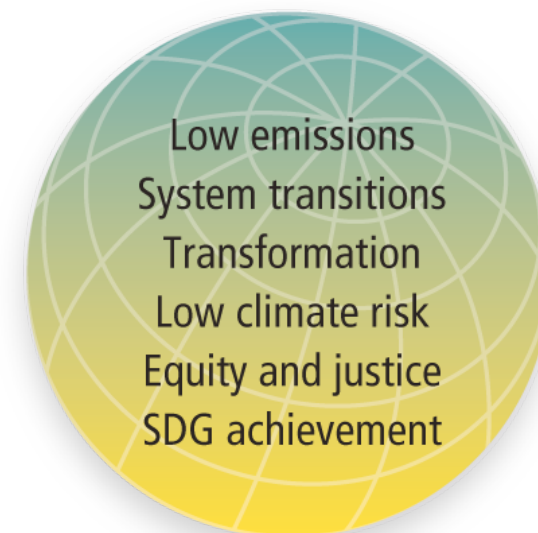
These have caused dangerous impacts on nature and people in every region of the world.

**Where are we headed and what should we do?**

# Alternative futures

- Reduced climate risks – adaptation and mitigation
- Reduced greenhouse gas emissions – mitigation
- Enhanced biodiversity
- Achieved the Sustainable Development Goals

With every increment of warming, the risks, impacts and related losses and damages escalate. When these risks combine with other adverse events they cascade across sectors and regions and become increasingly difficult to manage.

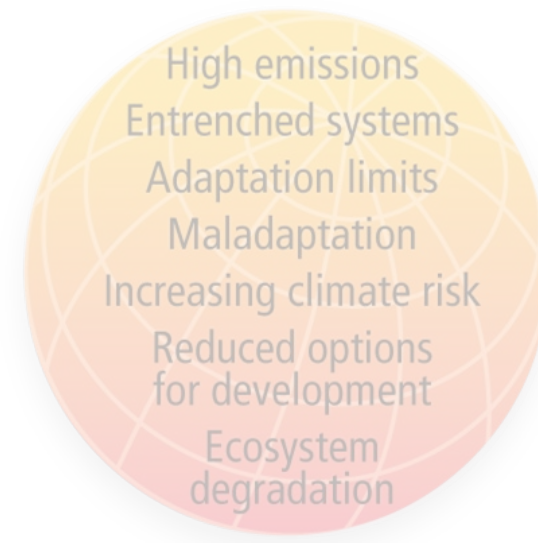
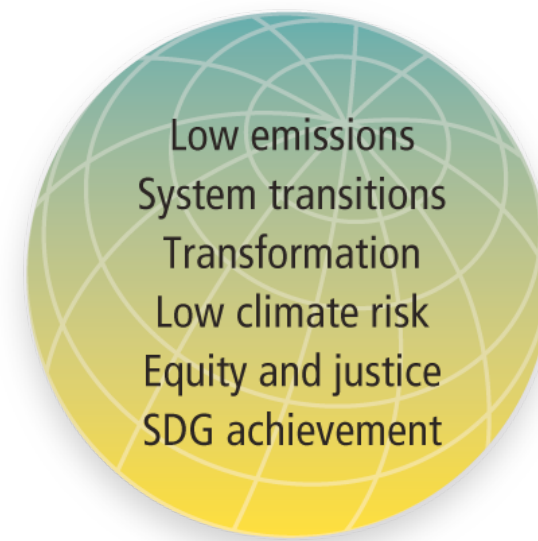




# The future we want

- Reduced climate risks – adaptation and mitigation
- Reduced greenhouse gas emissions – mitigation
- Enhanced biodiversity
- Achieved the Sustainable Development Goals

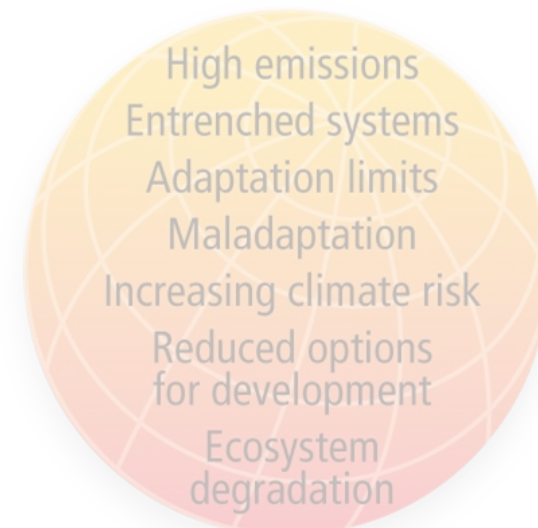
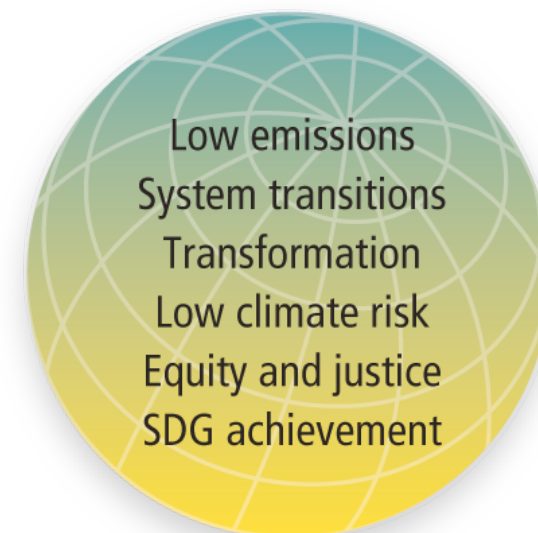
## This is Climate Resilient Development.



# Climate Resilient Development

## The solutions framework:

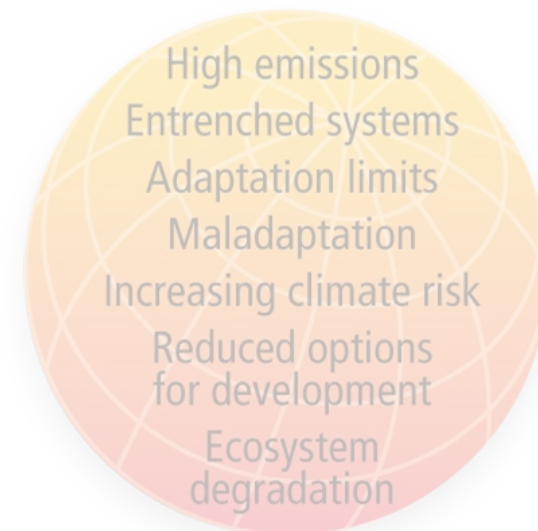
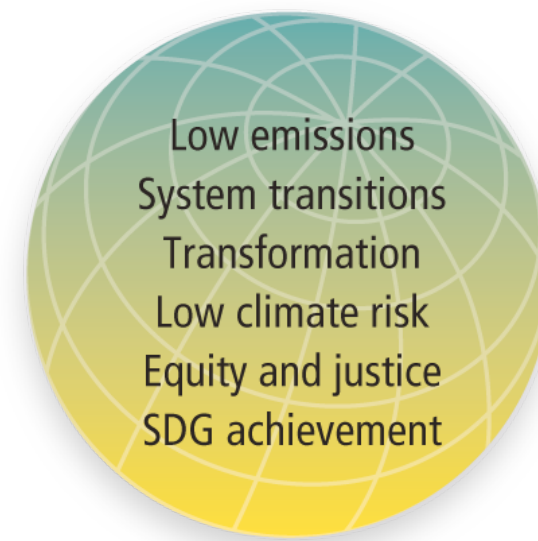
- Is considered across government and all of civil society
- Involves everyone – forming partnerships



# Climate Resilient Development

## The solutions framework:

- Draws on wide-ranging knowledge (scientific, Indigenous, local, practical)

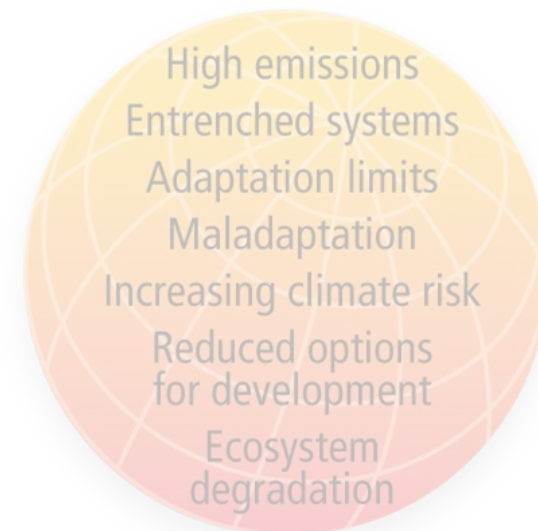
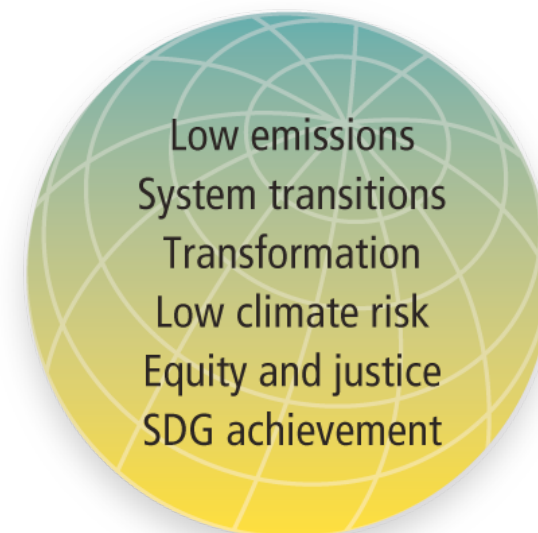




# Climate Resilient Development

## The solutions framework:

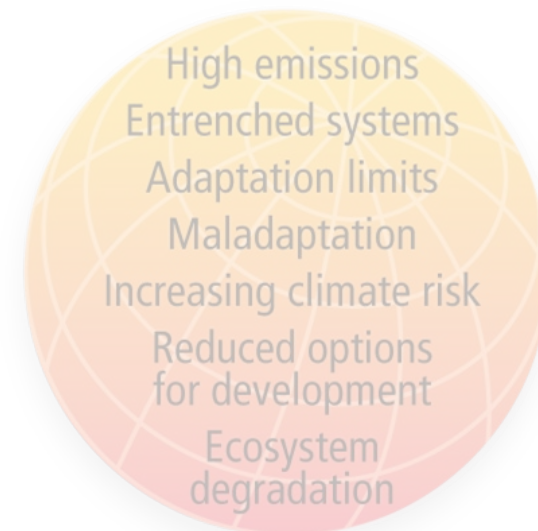
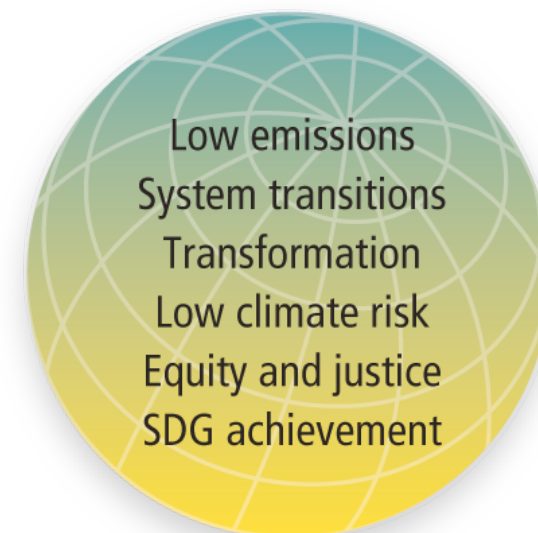
- Conserves and restores ecosystems
- Effective and equitable conservation of approximately 30-50% of land, freshwater systems and oceans



# Climate Resilient Development

## The solutions framework:

- Involves marginalized groups
- Prioritises equity and justice
- Reconciles different interests, values and world views

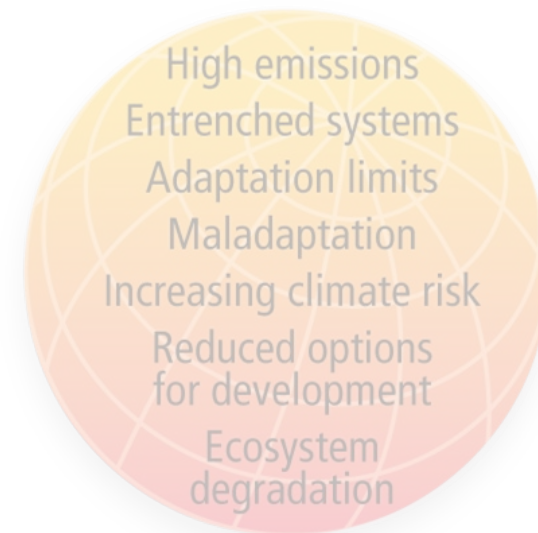
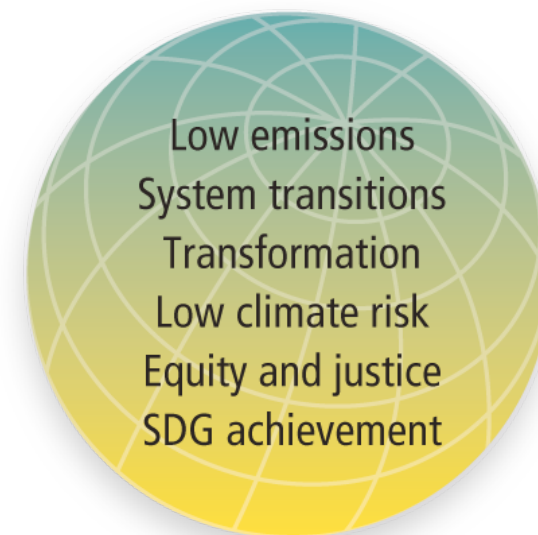




# Climate Resilient Development

## The solutions framework:

- Requires scaled-up investment and international cooperation

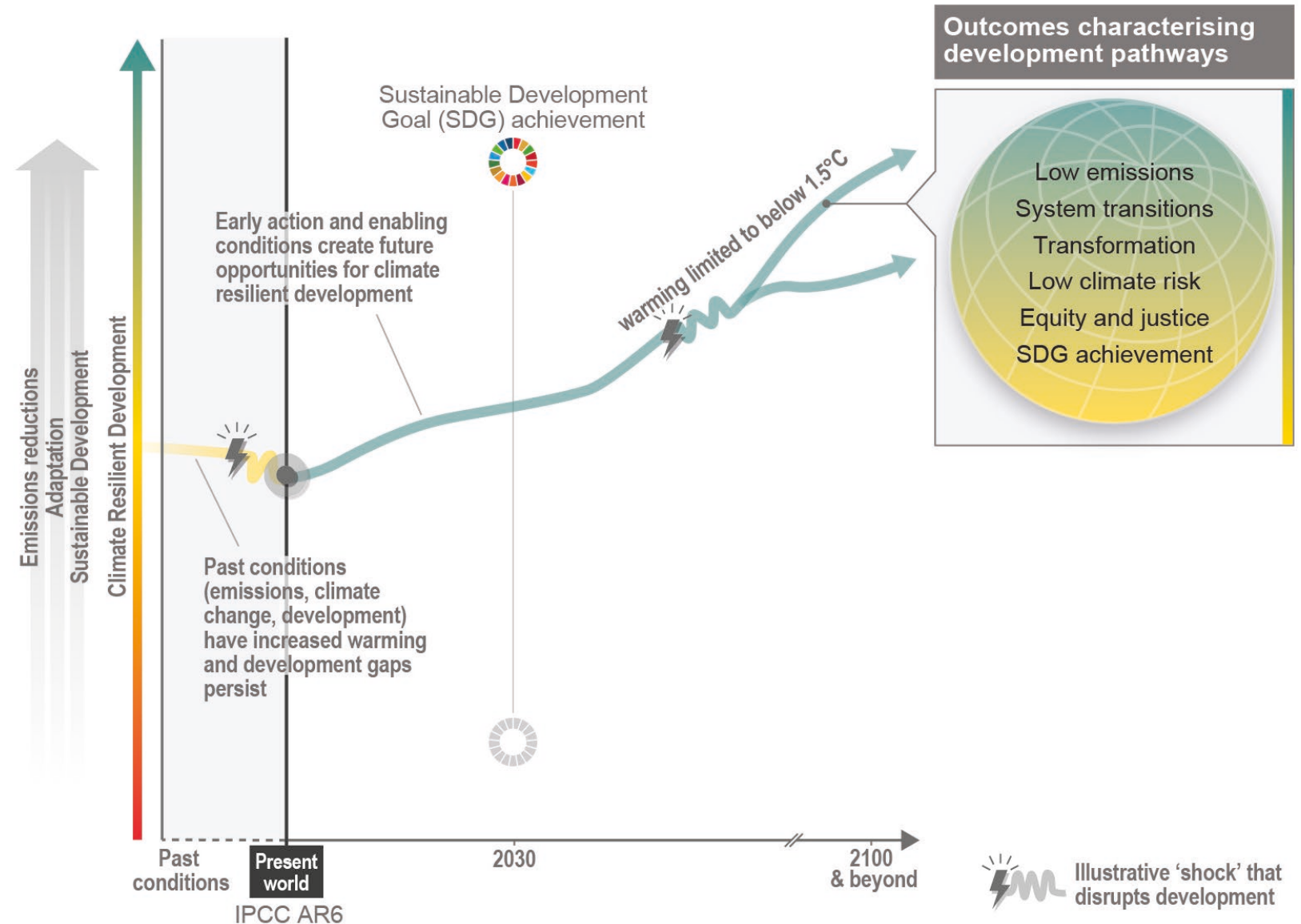


# Climate Resilient Development

**Every decision matters!**  
**Action is urgent!**

There is a rapidly narrowing window of opportunity to enable **climate resilient development** for a liveable future.

...limiting global warming close to 1.5°C limits impacts and keeps adaptation options open.



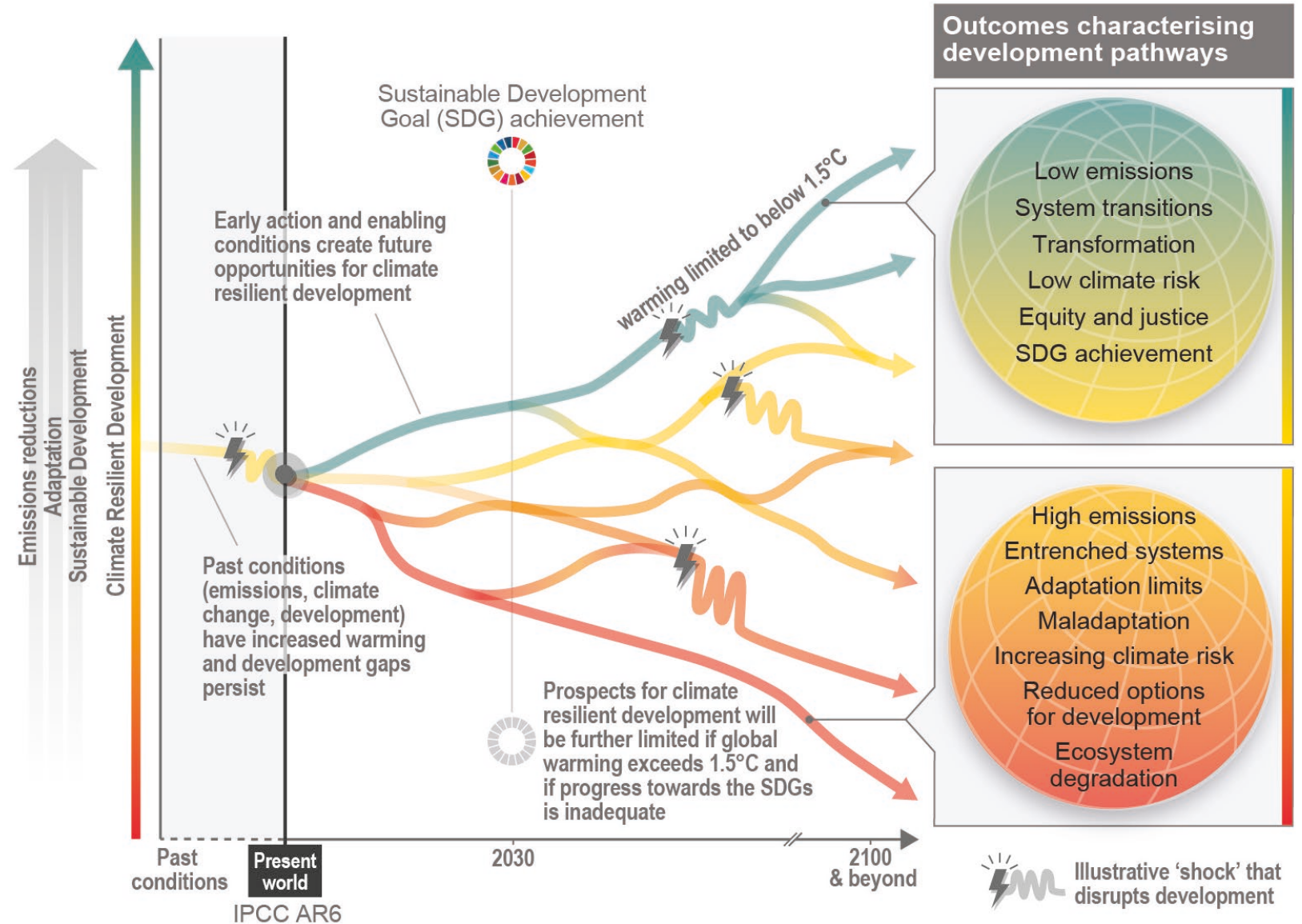


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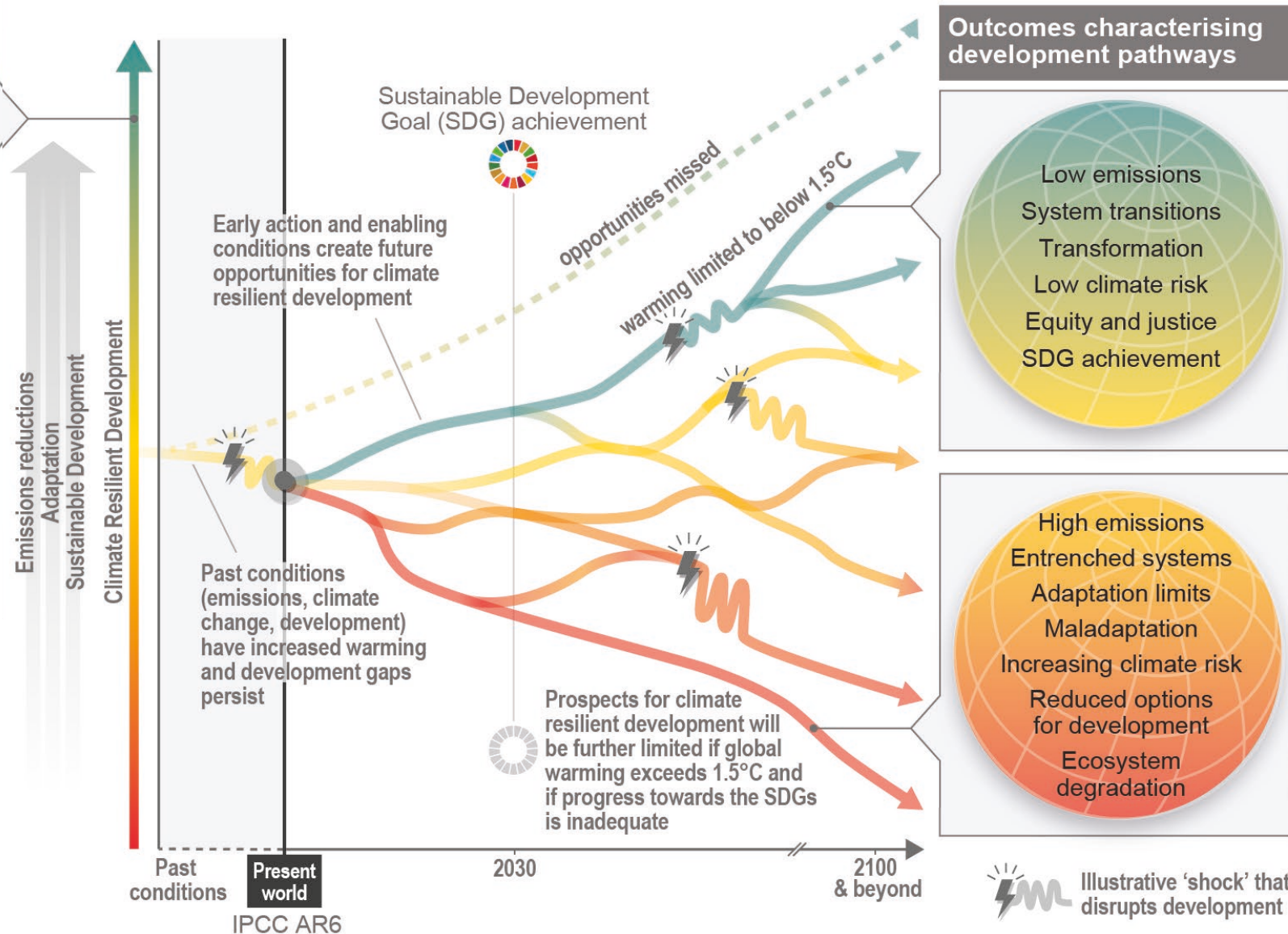
## Climate Resilient Development

# Enablers

- Inclusive governance
- Diverse knowledges and values
- Finance and innovation
- Integration across sectors and time scales
- Ecosystem stewardship
- Synergies between climate and development actions
- Behavioural change supported by policy, infrastructure and socio-cultural factors



We are late in implementing  
enablers ....  
opportunities missed

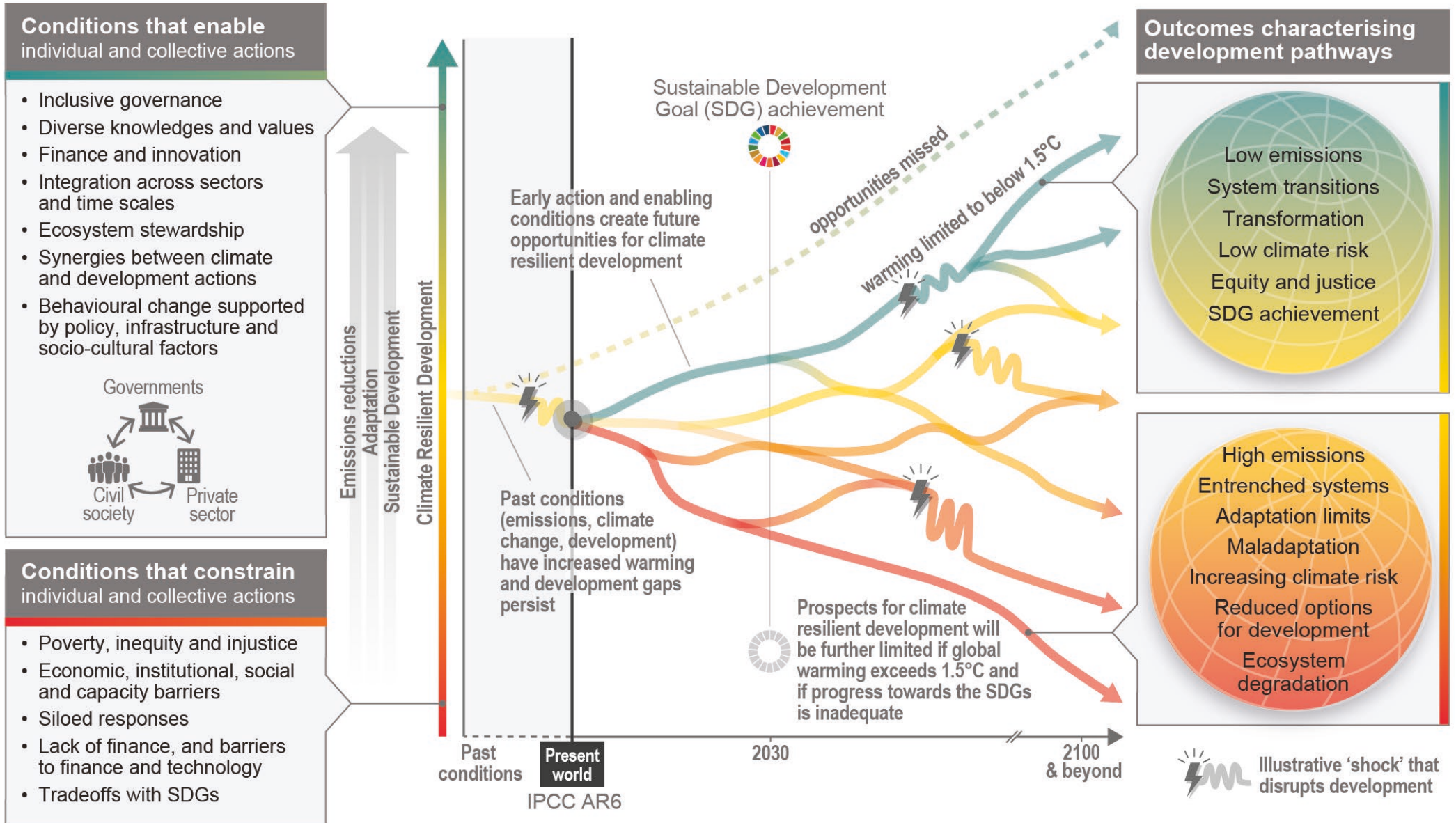


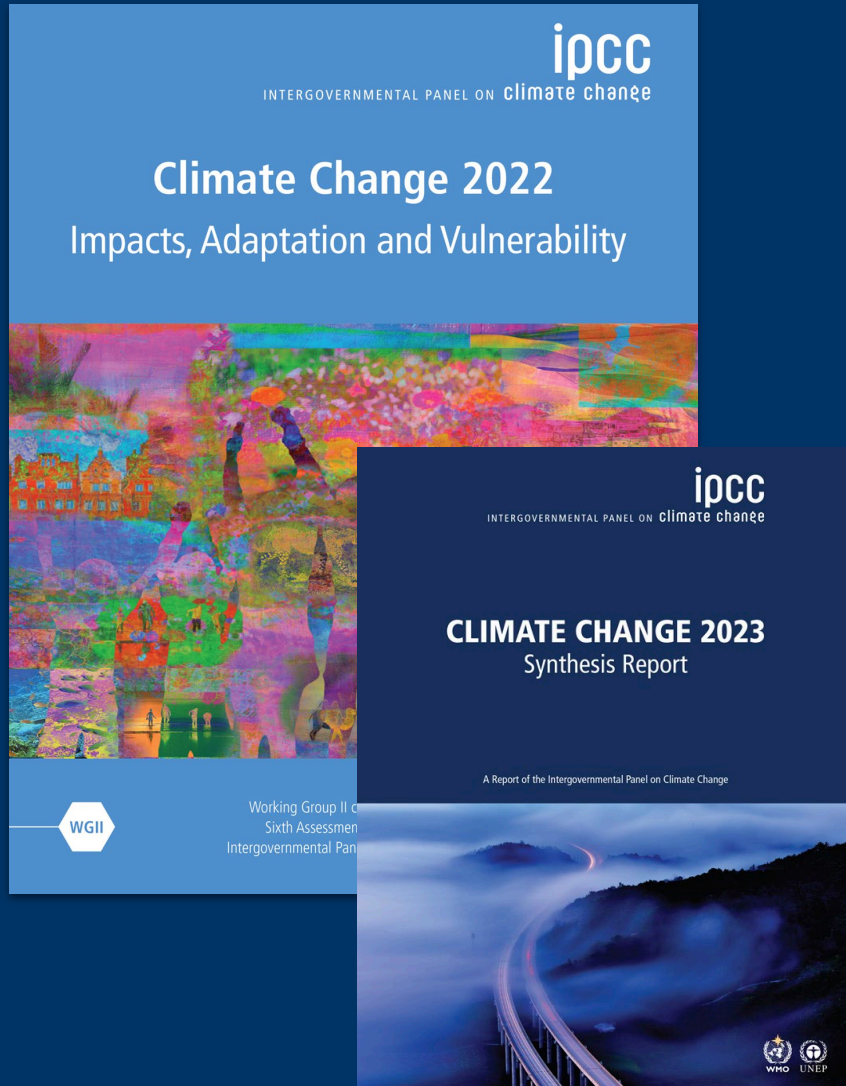


# Climate Resilient Development

## Enablers

## Constraints





**Climate resilient development is already challenging at current global warming levels.**

**The prospects will become limited further if warming exceeds 1.5°C and may not be possible if warming exceeds 2°C.**



# Thank you

*Figure animation: Frode Degvold and Siri Eriksen*

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## For More Information:

 [www.ipcc.ch](http://www.ipcc.ch)

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