### Low Carbon Economy as a Way of Achieving SDGs

Expert Group Meeting March 13-15, Jeju

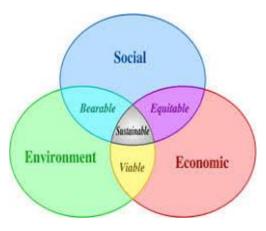
Suh-Yong Chung Korea University

## Sustainable Development Goals



- Adopted on January 1, 2016
- Built on the success of MDGs & aims to go further to end all forms of poverty by building economic growth and addressing a range of social needs while tackling climate change and environment
- SDGs are for "all"
- SDGs are about implementations

## Sustainable Development

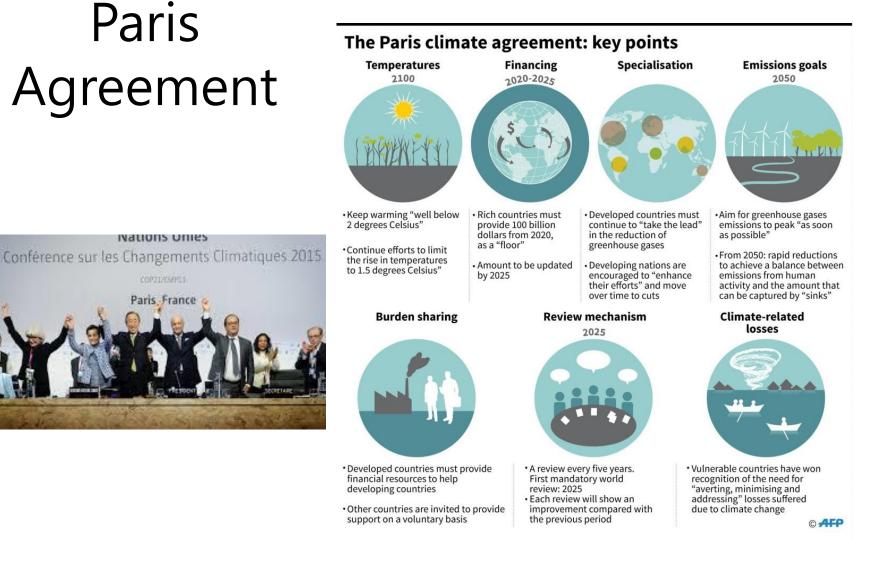


- Our Common Future by Brundtland Report
- Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

# Paris Agreement

Nations onles

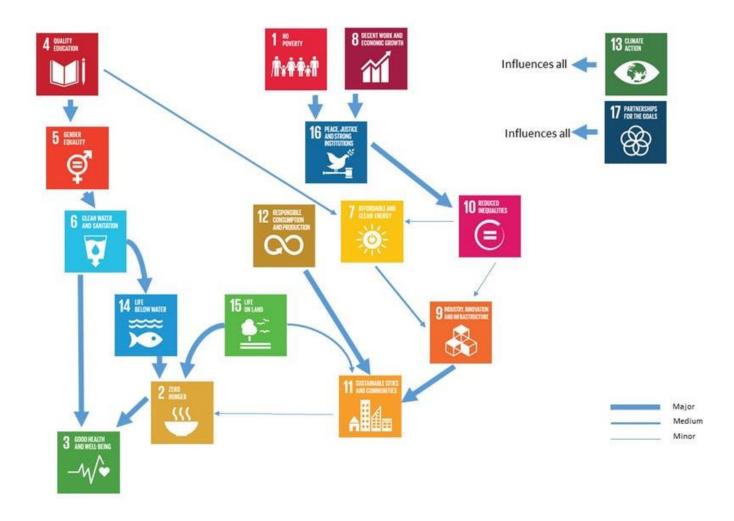
Paris France



### Climate Change is just more than one goal!



#### Climate Action is the key to achieve SDGs: A case of Australia

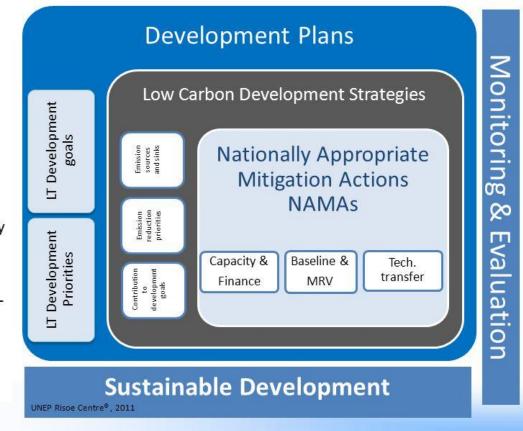


#### Linkages between SD-LCDS-NAMAs



- Defining a strategy in context of medium to long term development plans:
- Decouple economic growth from GHG emission growth
- Reduce the carbon intensity of the economy
- Leapfrog the highcarbon development path of today's businessas-usual trajectory

in the context of...

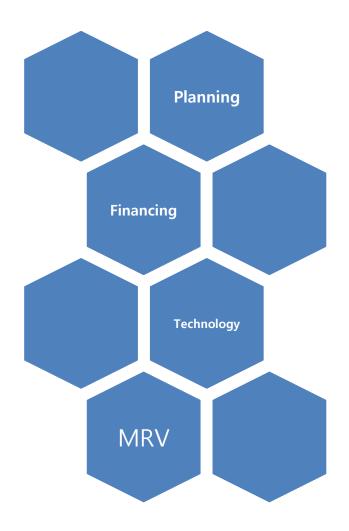


UNEP

## Low Carbon Development



# Framework to Implement LCD





#### 2050 Low-carbon Roadmap

- Identifies cost-effective pathway, with intermediate milestones
- Identifies key technologies guiding R&D
- · Identifies investments needs and benefits
- Identifies opportunities and trade-offs
- · Guides EU, national and regional policies
- Gives direction to private sector and private households for long term investments



Moving to a Low-Carbon Economy, The Financial Impact of the Low-Carbon Transition

Canada Padara Antagana Danada Darina Mangan Garagan Kadayin Gaggari Sanda Ju, Kanada Juni Salari Sanada



Accelerating the Transition to a New Model of Growth



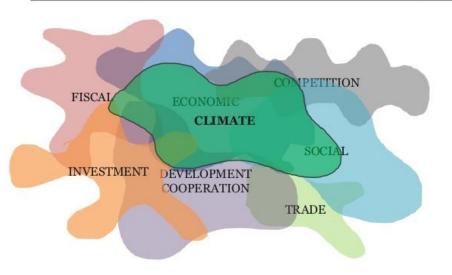
Global Green Growth

#### Pathways to Deep Decarbonisation in 2050: How Australia can prosper in a low carbon world





#### Climate policy comes on top of an existing framework of policy goals and instruments, developed for a fossil-fuel based economy



# Thank you!

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