

# Mitigation under 1b.1 of the Bali Action Plan

Presentation by AOSIS



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# Context for Mitigation Action Under Paragraph 1 of the Bali Action Plan

- **Ultimate Objective of the Convention**
- **Convention Article 3.3 – Precautionary Principle**
  - The avoidance of further negative impacts on small island developing States must be one of the key benchmarks
- **Lowest assessed IPCC AR4 scenario – 2°C - too high for SIDS**
- **Level of Ambition will determine the level of damage incurred**



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## ***SCIENTIFIC INFORMATION/ANALYSIS SINCE AR4:***

- Probabilities of achieving 2°C at 450 ppm CO<sub>2</sub>-eq
  - *Stabilisation at 450 ppm CO<sub>2</sub>-eq. carries a 50% or greater risk of exceeding 2°C*
- Sea level rise likely to be higher and faster than projected in AR4
  - IPCC AR4 projected a sea level rise of 18 to 59 cm by 2100
  - New projections indicates that 50-140 cm increase above 1990 is more likely by 2100
- The acceleration of climate change and its adverse impacts:
  - IPCC AR4 projected loss of a loss in Arctic sea ice in September of roughly 2.5% per decade
  - Observed decline at a rate of 7.8% per decade
- New low stabilisation mitigations scenarios with emission pathways that are consistent with the precautionary approach – below 2°C - are feasible.



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# REQUIRED EMISSION REDUCTIONS

## Objectives

- Stabilization of GHG concentrations *at well below 350 ppm CO<sub>2</sub>-eq.*
- Global average surface temperature increase *well below 1.5° C* above pre-industrial levels
- **Global emission pathway – high end of AR4**
  - Global CO<sub>2</sub> emissions must *peak by 2015.*
  - Global CO<sub>2</sub> reductions of *greater than 85%* are required by 2050.
- **Annex I pathway – high end of AR4**
  - Must reduce their group GHG emissions by *more than 40%* of their 1990 levels by 2020.
  - Collectively must reduce their GHG emissions by *more than 95%* of their 1990 levels by 2050



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# COMPARABLE EFFORTS

Comparable effort should include:

- (i) setting an ambitious economy-wide target for emission reductions with the same base year established under the Kyoto Protocol ;
- (ii) timeframes for emissions reduction should be the same for Kyoto Protocol Parties;
- (iii) third party review of inventories;
- (iv) comparable compliance requirements;



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# COMPARABLE EFFORTS

- Any arrangement for quantified emission limitation reduction objectives established under 1(b)(i) should not create a mechanism for Annex I Parties to the Kyoto Protocol to leave their obligations under the KP and take up new obligations under 1(b)(i)
- A base year for committing to quantified emission limitation reduction objectives under 1(b)(i) should be the same for the base year established under the KP;
- Consideration would be given to having fungibility between trading units established under the KP and 1(b)(i) subject to similar rules relating to measurable, reportable and verifiable being applied.
- Measures established under 1(b)(i) should not supersede or undermine the Kyoto Protocol.



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