

# Analysis of quantitative implications of options for addressing the surplus and carry-over of Kyoto units for the second and subsequent commitment periods of the Kyoto Protocol

**Quantitative illustrative examples of the impacts**

Bangkok, 5 September 2012



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# **G77 & China Proposal**

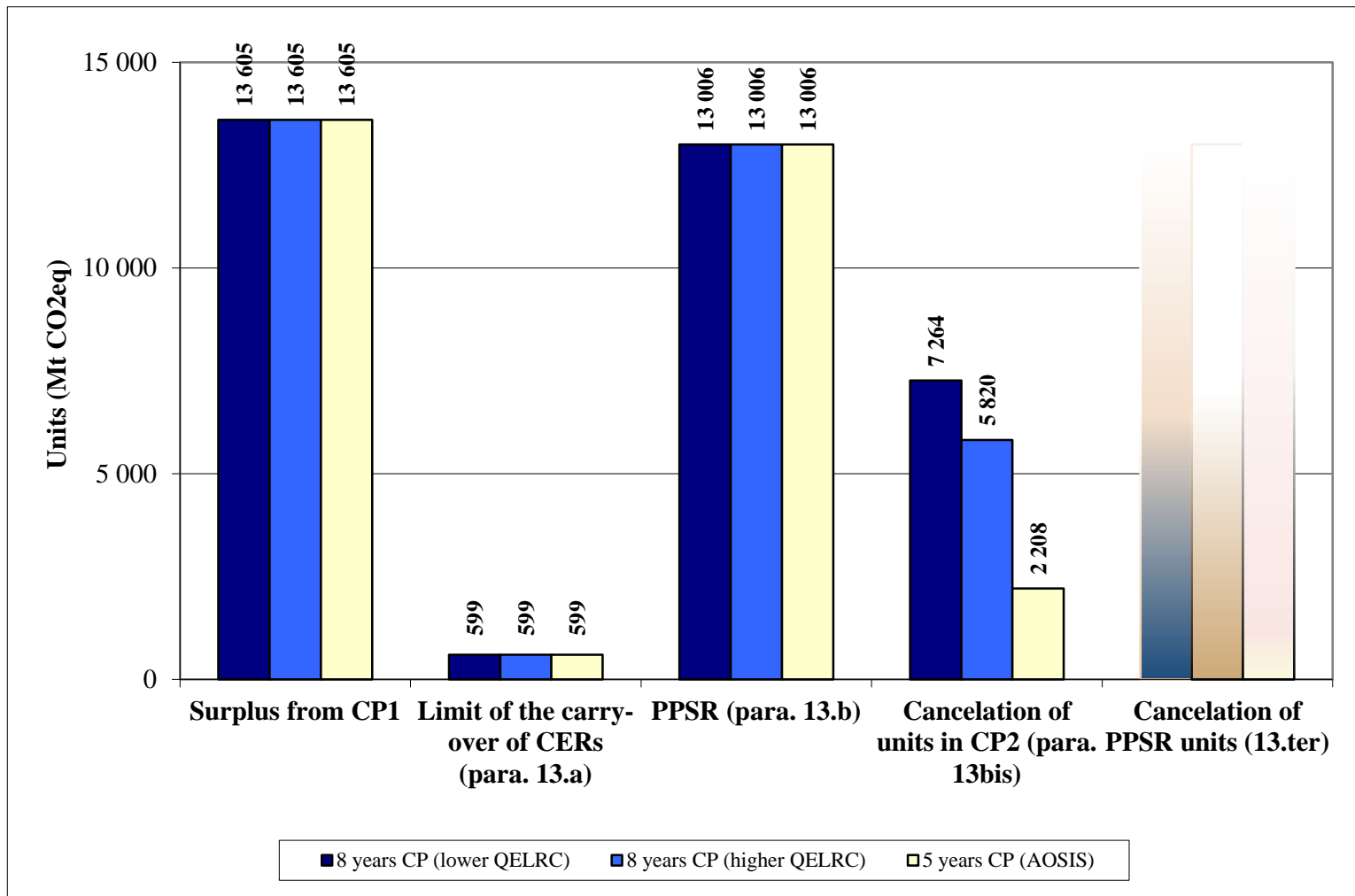
## **4 September 2012**



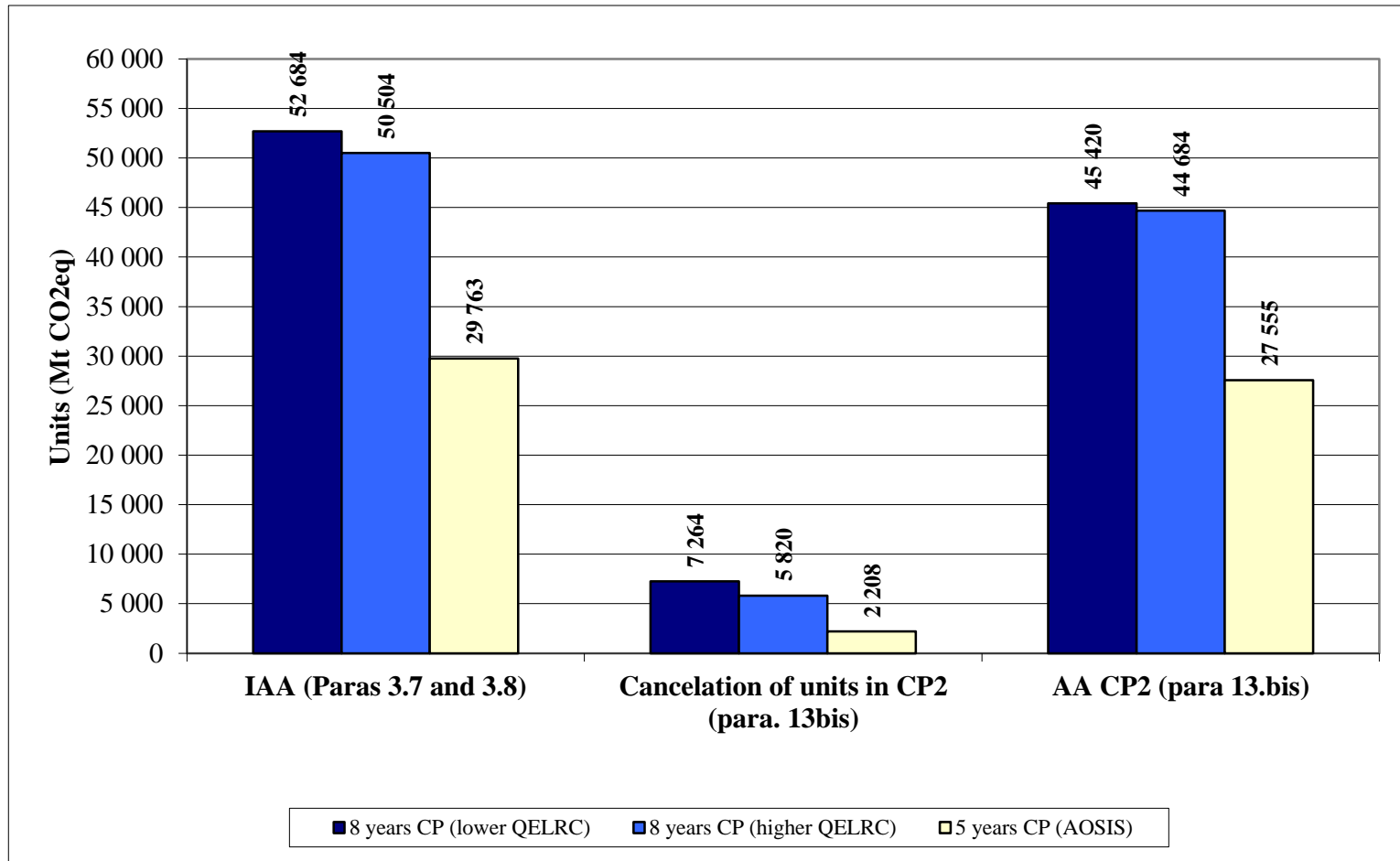
- 13. If the emissions of a Party included in Annex I in a commitment period are less than its assigned amount under this Article, this difference shall, on request of that Party, be carried-over to the subsequent commitment period, as follows:
  - a. Any CERs held in that Party's national registry that have not been retired for that commitment period or cancelled may be carried-over to the subsequent commitment period, up to a maximum of 2.5 per cent of the assigned amount for that commitment period;
  - b. Any ERUs or AAUs held in that Party's national registry that have not been retired for that commitment period or cancelled shall be transferred to a Previous Period Surplus Reserve account of the subsequent commitment period, to be established in its National Registry, and shall remain in that account in its National Registry.

- 13 bis. The difference between the assigned amount of the second commitment period for a Party included in the Annex I and the emissions in the last year of the first commitment period multiplied by [five][eight] shall be transferred to the cancellation account of that Party.
- 13 ter. Units of a Party's Previous Period Surplus Reserve account shall be used for retirement during the additional period for fulfilling commitments of the second commitment period up to the extent by which emissions during the second commitment period exceed the assigned amount for that commitment period, as defined in Article 3, paragraphs 7 and 8. Any remaining units in that Party's Previous Period Surplus Reserve shall be cancelled.

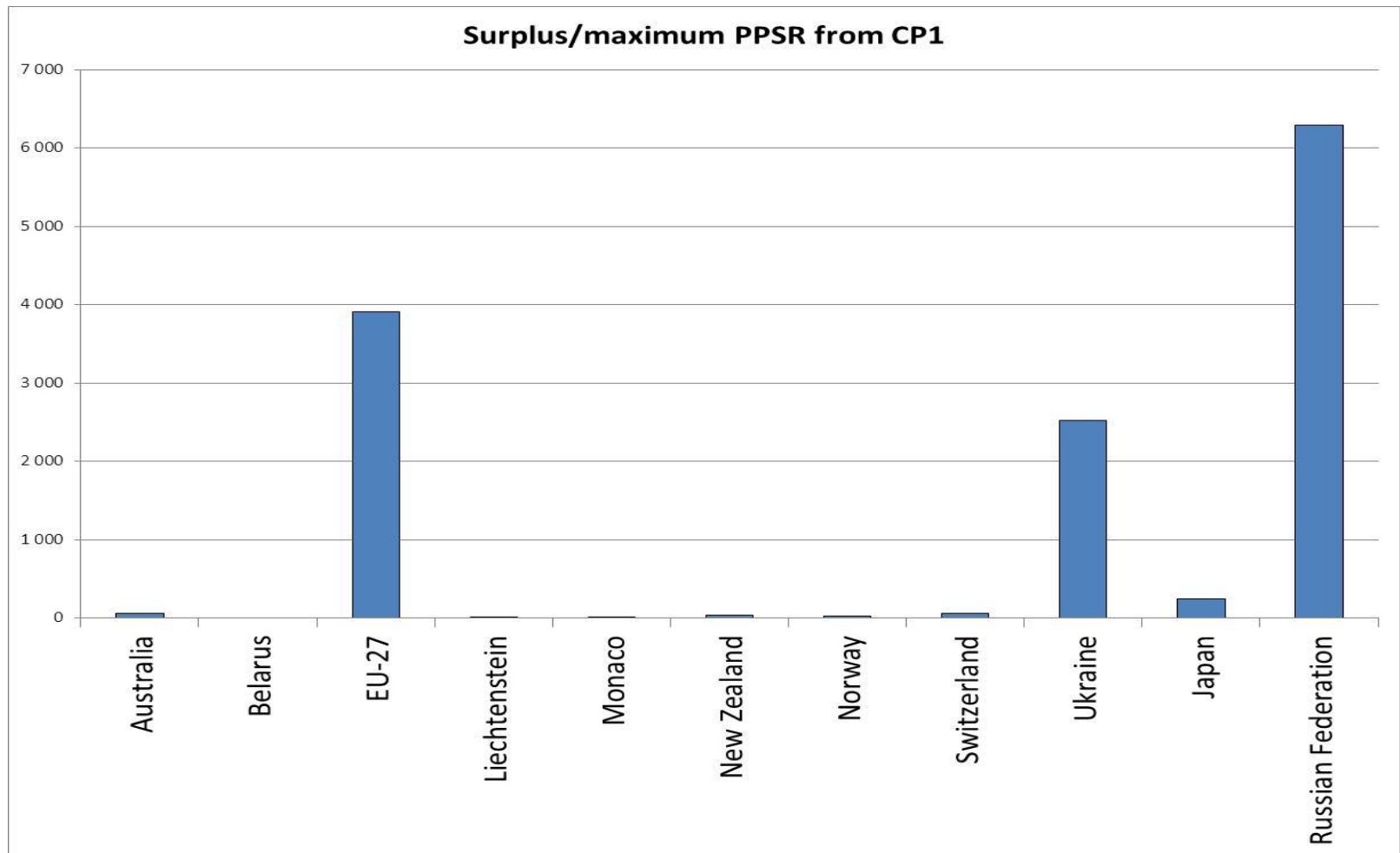
# G77 & China proposal – Quantitative Implications of the elements of the proposal



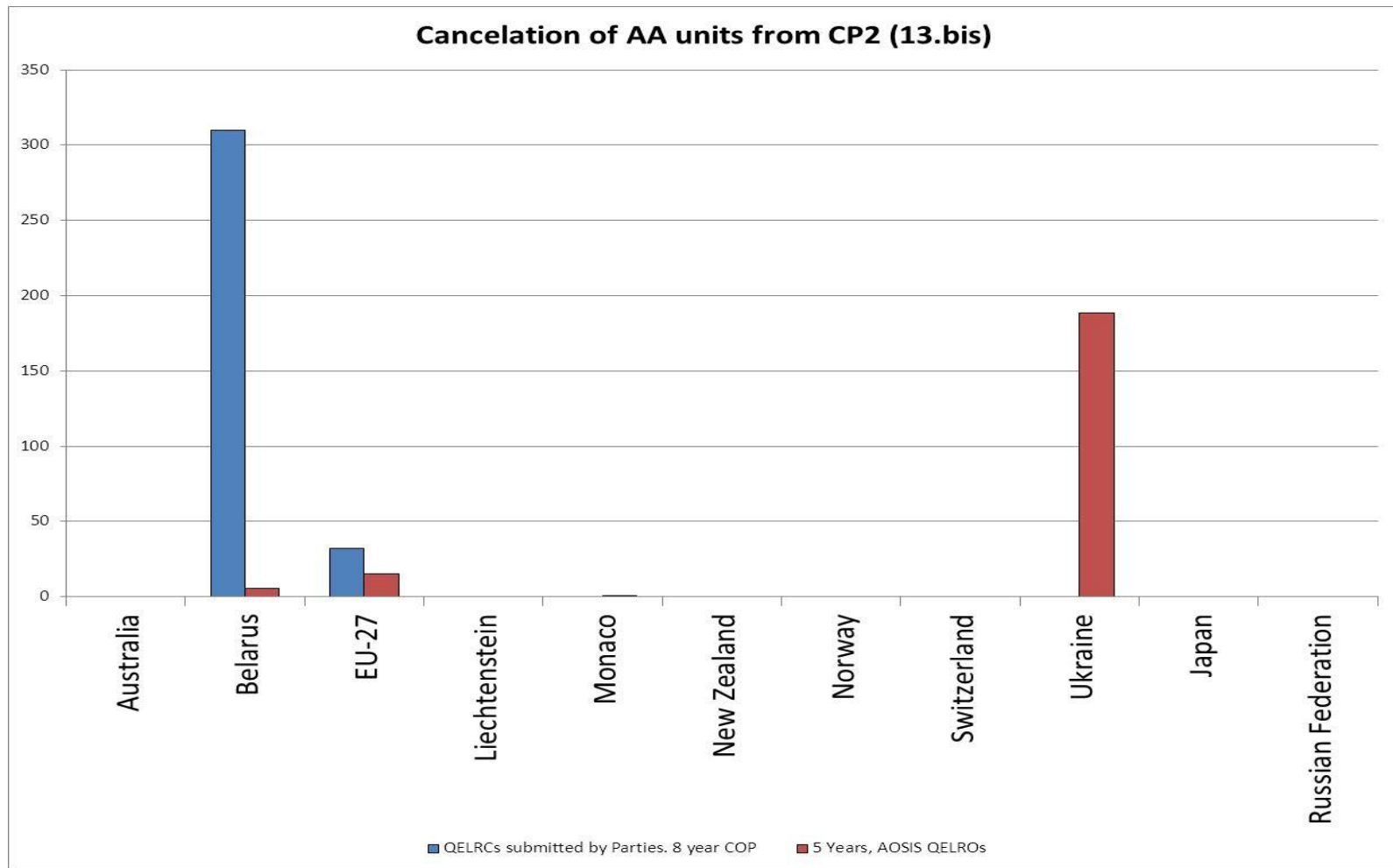
## Quantitative Implications of proposed paragraph 13bis in total assigned amount for CP2



## Estimate of surplus from CP1 for Annex I Parties to the Kyoto Protocol



## Estimate of surplus from CP1 for Annex I Parties to the Kyoto Protocol





## Assumptions and conditions

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- Calculation of surplus from the first commitment period
  - GHG inventory data from the most recent inventory submissions
    - 2012 submission (base year – 2010 data)
  - Surplus of Parties when occurring is used for compliance of Parties with deficit of units
- Data on Kyoto Protocol units
  - Initial assigned amount for the first commitment period established through the initial review process
  - Inventory submission data for 2008-2010 for the accounting of the LULUCF sector (Article 3, paragraphs 3 and 4)
  - Data on units included in national registries with reference to assigned amount units (AAUs), emission reduction units (ERUs) and certified emission reduction (CER) units, as recorded in the International Transaction Log as of 31 December 2012

### Calculation of the assigned amount for the second commitment period of the Kyoto Protocol

- Assigned amount for the second commitment period determined from provisional QELROs submitted by Parties , or included in FCCC/TP/2010/3/Rev.1 for those Parties that have not provided information, for an 8-year commitment period
- Assigned amount for the second commitment period determined from the QELRCs calculated and proposed by AOSIS, for a 5-year commitment period, as contained in

[http://unfccc.int/files/meetings/ad\\_hoc\\_working\\_groups/kp/application/pdf/awgkp\\_aosis\\_infsubmission\\_4.pdf](http://unfccc.int/files/meetings/ad_hoc_working_groups/kp/application/pdf/awgkp_aosis_infsubmission_4.pdf)

