

Overview of the LULUCF and KP-LULUCF issues identified during the 2012 review cycle of the UNFCCC

27 February 2013

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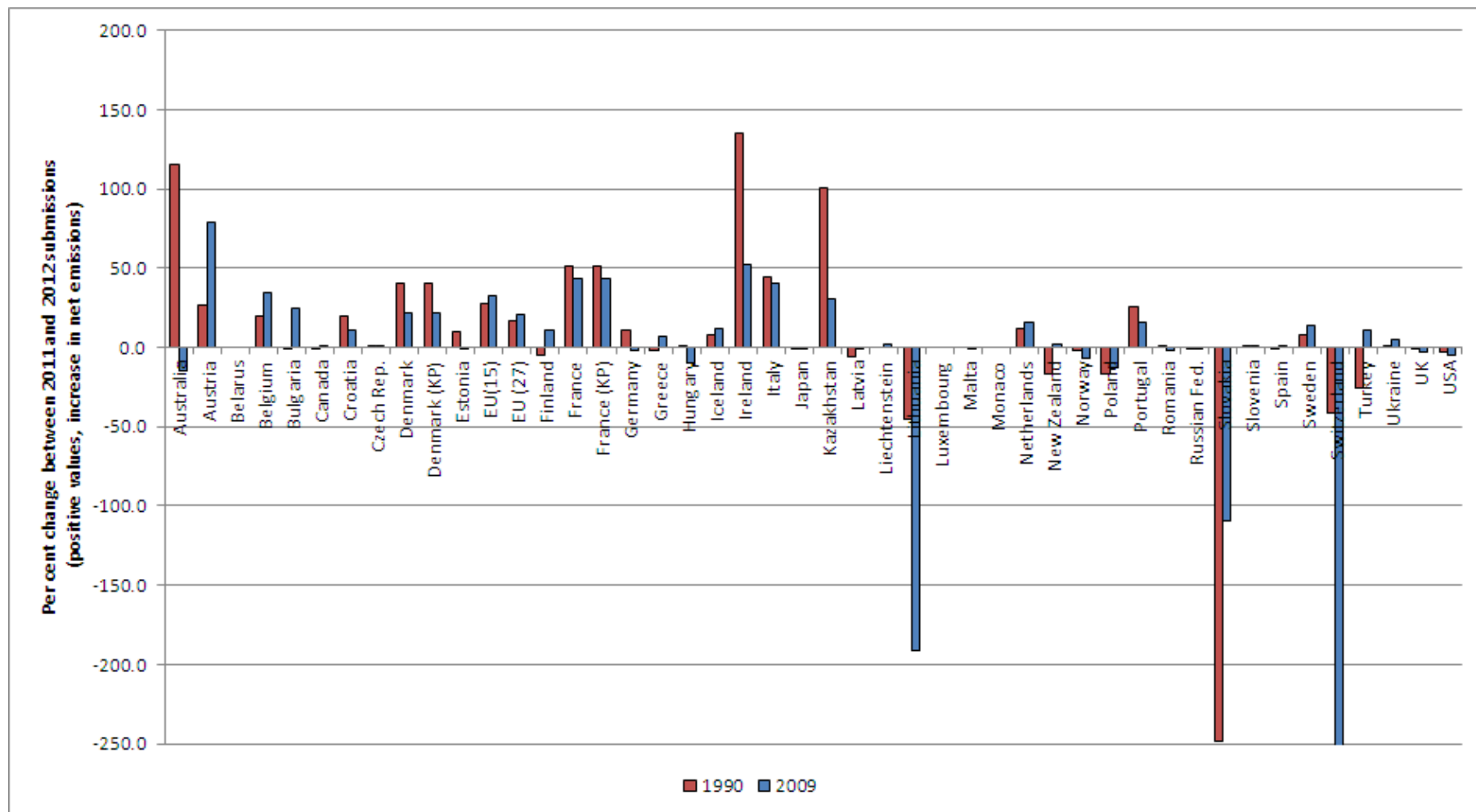


Overview of the 2012 annual review cycle

- In 2012 the secretariat received 43 annual submissions from Annex I Parties
 - 38 submissions with supplementary information under Article 7.1 of the KP were reviewed under the requirements of Article 8 review guidelines (Decision 22/CMP.1)
 - 5 submissions were reviewed in accordance with the UNFCCC review guidelines (Decision 19/CP.8)
- Between 3 September and 6 October 2012:
 - 10 in-country reviews (Belgium, Croatia, Estonia, Finland, Greece, Lithuania, Norway, Portugal, UK, US);
 - 8 centralized reviews (4 Parties each)
 - In addition: the expedited review of Lithuania
- Results are preliminary
 - Two reports published
 - 3 draft reports with EU member States for comments



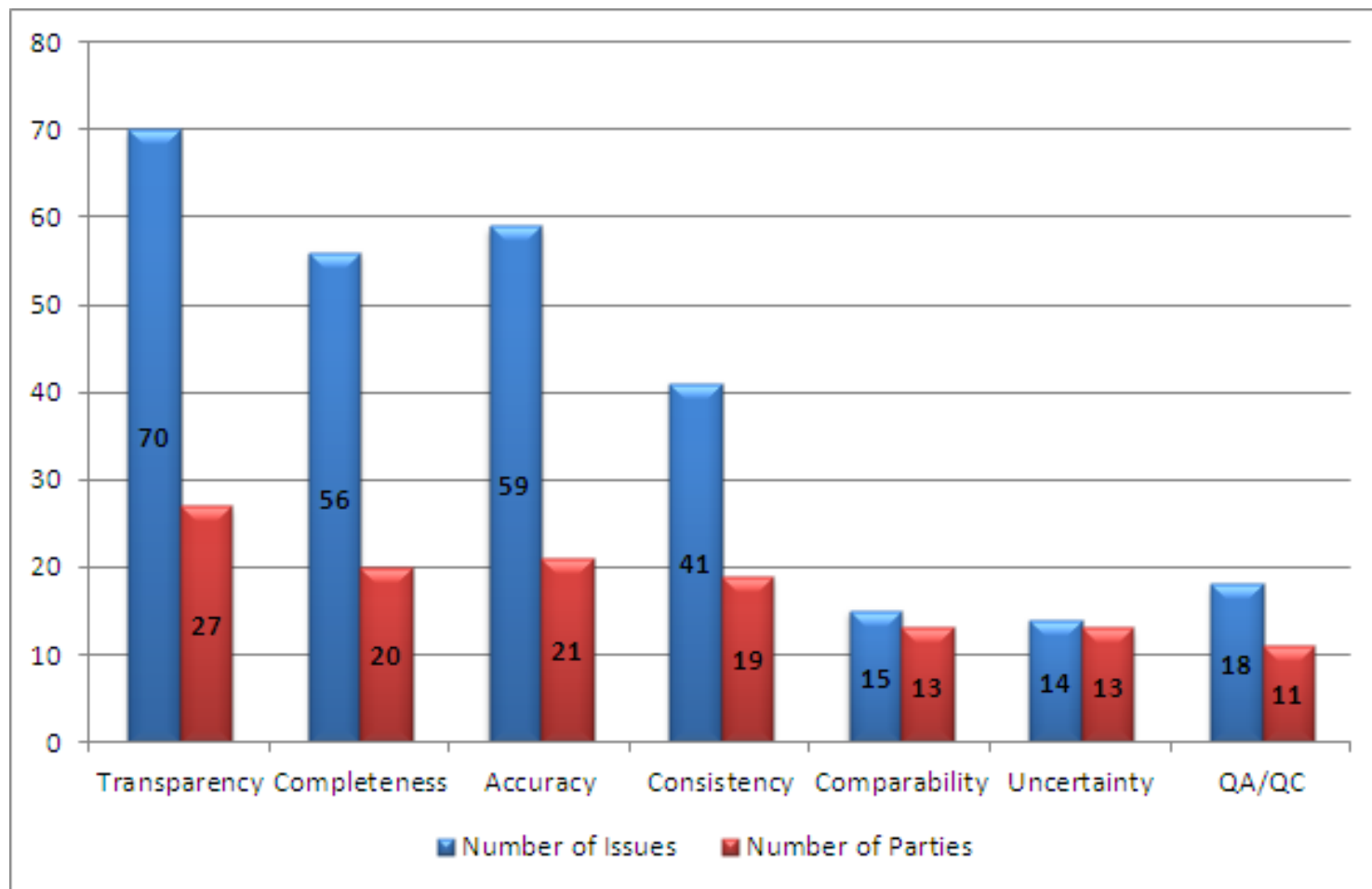
Recalculations reported for the LULUCF sector



- Recalculations data reflect submissions available for ERTs during the review week (31 August 2012)



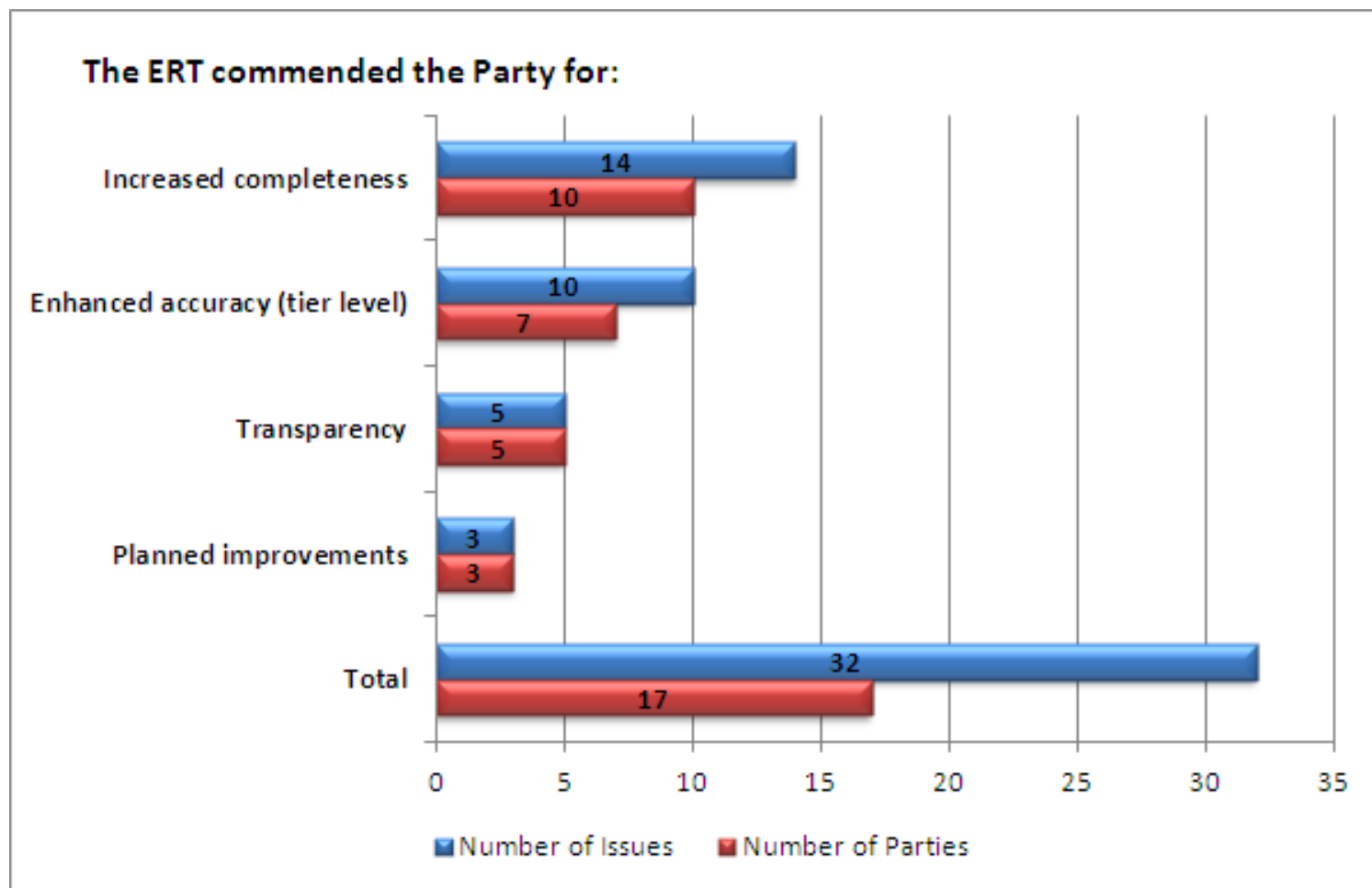
The LULUCF sector: issues by type



Draft review reports of 2012 annual submissions as of 20 February 2013
Includes only issues for Parties that are EU 27 member states and for the European Union as a Party



LULUCF sector: issues related to improvements made

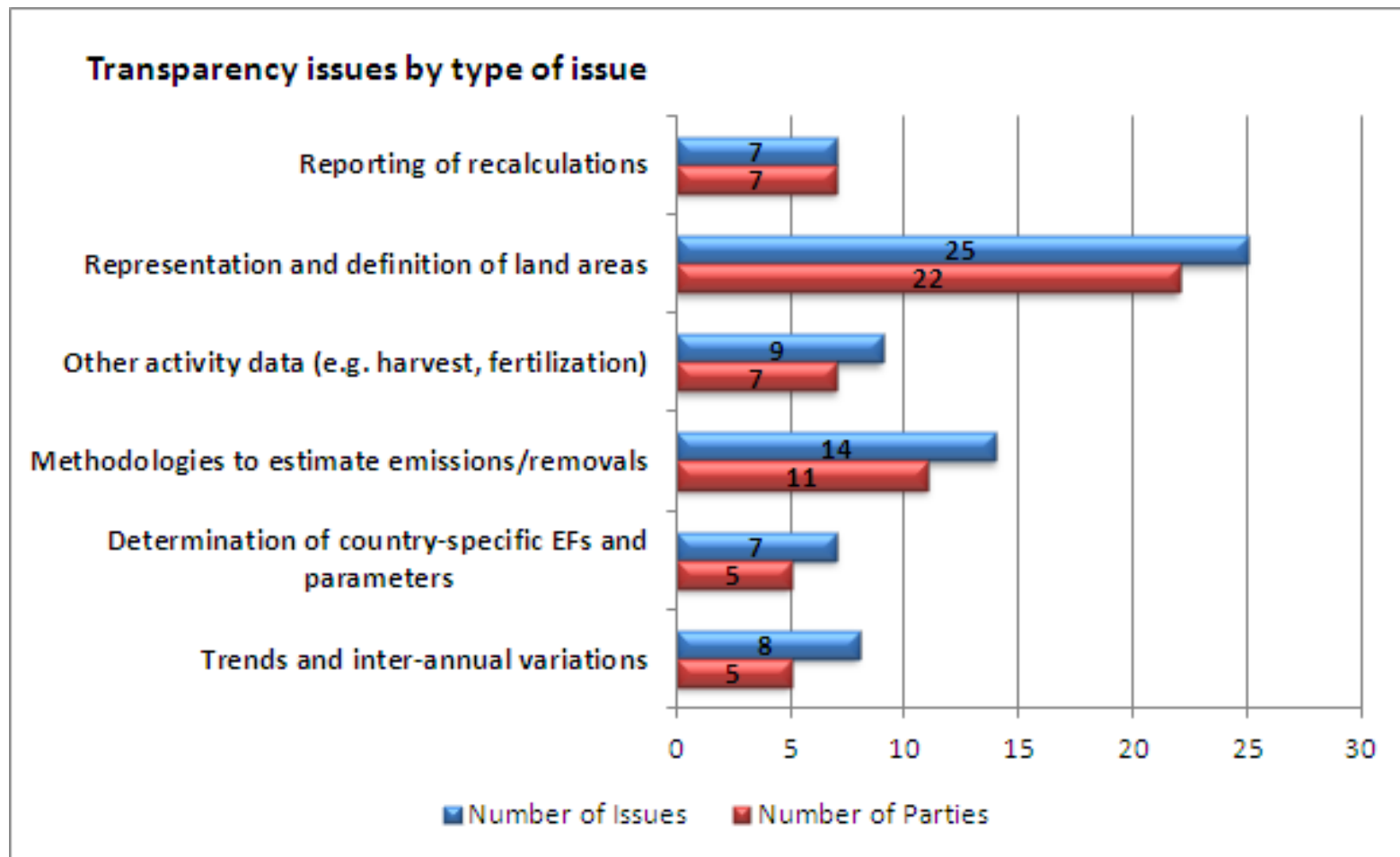


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LULUCF sector: issues related to transparency



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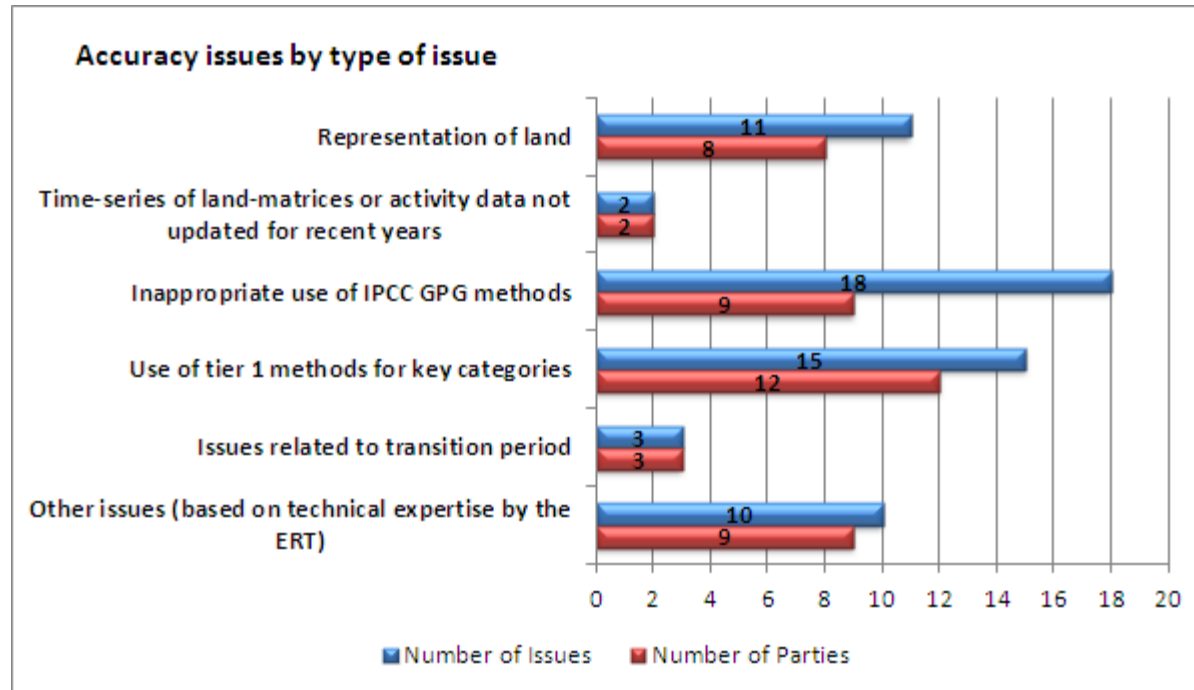


LULUCF sector: issues related to completeness and accuracy and the use of the IPCC good practice guidance methodologies

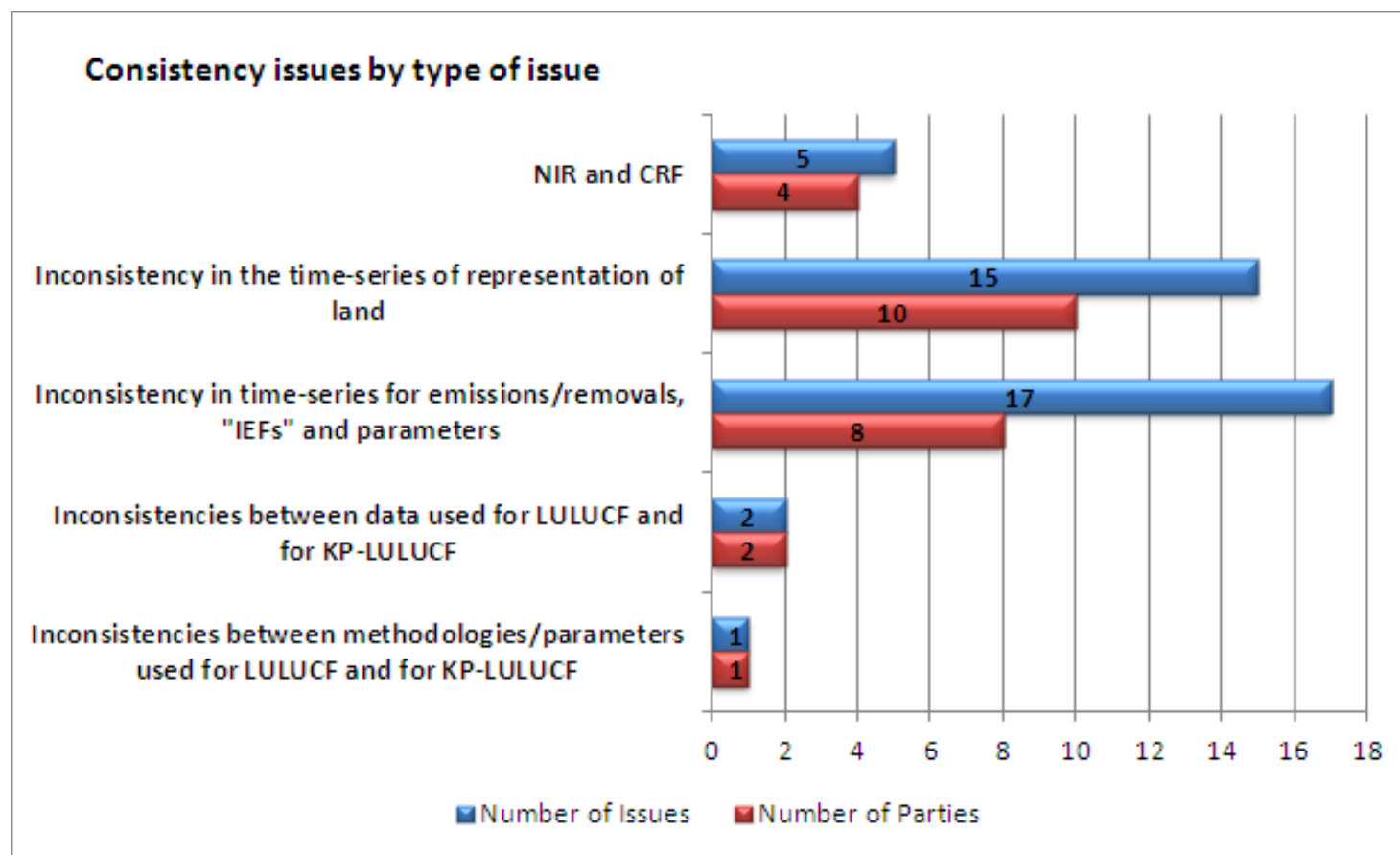
- **Completeness**

- Areas do not cover the totality of units of land or land areas in the territory (6 Parties)
- Missing estimates or estimates reported as “NO” for carbon stock changes in carbon pools (including the use of tier 1 for certain pools)
 - 34 issues reported for 18 Parties
- Missing estimates for categories (e.g. N₂O from fertilization; GHG from biomass burning)
 - 16 issues for 12 Parties

- **Accuracy:**



LULUCF sector: issues related to consistency



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LULUCF sector: other issues

- **Other comparability issues**
 - Use of notation keys not in accordance with the UNFCCC reporting guidelines or use/abuse of “IEs” (13 issues)
- **Uncertainty**: discussion of uncertainties was included in 18 reports
 - 13 reports include issues/recommendations
- Discussion of **QA/QC procedures** was included in 10 reports
 - Issues and recommendations related to QC procedures (errors) identified in 13 reports (14 reports)
- Specific Issues
 - **Harvested Wood Products (HWP)**
 - 2 Parties
 - Use of the **2006 IPCC Guidelines**
 - 1 Party
 - Sources/sinks not referred to in the IPCC good practice guidance
 - 1 Party (CH₄ sinks in soil)
 - Issues related to **Joint Implementation** Projects
 - 1 Party



KP-LULUCF activities: issues

	Number of Issues	Number of Parties
Transparency on recalculations	9	7
Information on methodologies	6	5
Identification of units of land and land areas	13	12
Spatial assessment unit for ARD areas	7	6
Permanence of accounting of areas under art. 3, para 3, of the Kyoto Protocol	2	2
Carbon pools not accounted for or verifiable information that these are not net source	25	18
Information on factoring out removals	1	1
Information that ARD activities began on or after 1 January 1990 and before 31 December 2012	0	0
Information that ARD activities are directly human induced	7	7
Information on how harvesting is distinguished from deforestation	0	0



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Kyoto Protocol that are EU 27 member states and for the European Union as a Party

KP-LULUCF activities: issues

	Number of Issues	Number of Parties
Information that activities under article 3, para 4, have occurred since 1 January 1990	0	0
Information that 3.4 activities are human induced	0	0
Information on base year for CM, GM or RV	0	0
Information that emissions/removals for 3.4 are not accounted under 3.3	2	2
Accuracy issues/ use of the IPCC GPG for LULUCF	17	9
Completeness issues (related to the coverage of land areas)	6	5
Completeness issues (related to categories not estimated)	12	8
Consistency between reporting under LULUCF and KP-LULUCF	12	9
Consistency in time-series for emissions/removals, parameters and "IEF"	2	2
Uncertainty analysis	12	12
Reference to QA/QC	3	3
QC related issues (errors)	13	9



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LULUCF sector: Saturday Papers

- 3 Saturday Papers
 - Case 1: Deforestation
 - Issue: reported area under deforestation decreased from 2008 to 2010
 - ERT linked the issue to para. 6(d) of the annex to decision 15/CMP.1
 - Case 2: Human induced
 - Issue: all area converted to forest is assumed by the Party to be afforestation/reforestation
 - The ERT considers that, taking into consideration the justifications provided by the Party, not all converted areas were human induced
 - ERT linked the issue to para. 8 of the annex to decision 15/CMP.1
 - Case 3: the Party did not account (NE or NO) for some pools for several activities: litter and mineral soils under AR and litter, dead wood and mineral soils under FM
 - The ERT concluded that some of the information provided by the Party to justify that the pool was not a net source were not appropriate
 - ERT linked the issue to para. 6(e) of the annex to decision 15/CMP.1



Final remarks

- Two additional annual submissions are expected for the first commitment period of the Kyoto Protocol
- However,
 - Recalculations between annual submissions (as indicated for the LULUCF sector) continue to be significant for most Parties
 - Review reports identified a substantial number of issues for a substantial number of Parties, including completeness and accuracy issues, in addition to transparency issues
 - Some issues identified for KP-LULUCF activities appear to be related to mandatory reporting under decision 15/CMP.1, including completeness issues (unaccounted pools), and information on the identification units of land and areas of land
- The time management for implementing improvements to the inventory for the first commitment period of the effective Kyoto Protocol, including the use of appropriate data sources and methodologies, may need to be considered as key factor; in particular, considering the time-lag to finalize reviews and plan to implement in-coming recommendations.



Thank you!

