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How to enhance transparency of pledges for emission reductions for Annex I Parties under the Kyoto Protocol - Swiss contribution

Kathrin Bucher
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Ways to enhance transparency of pledges

Purpose of enhanced transparency

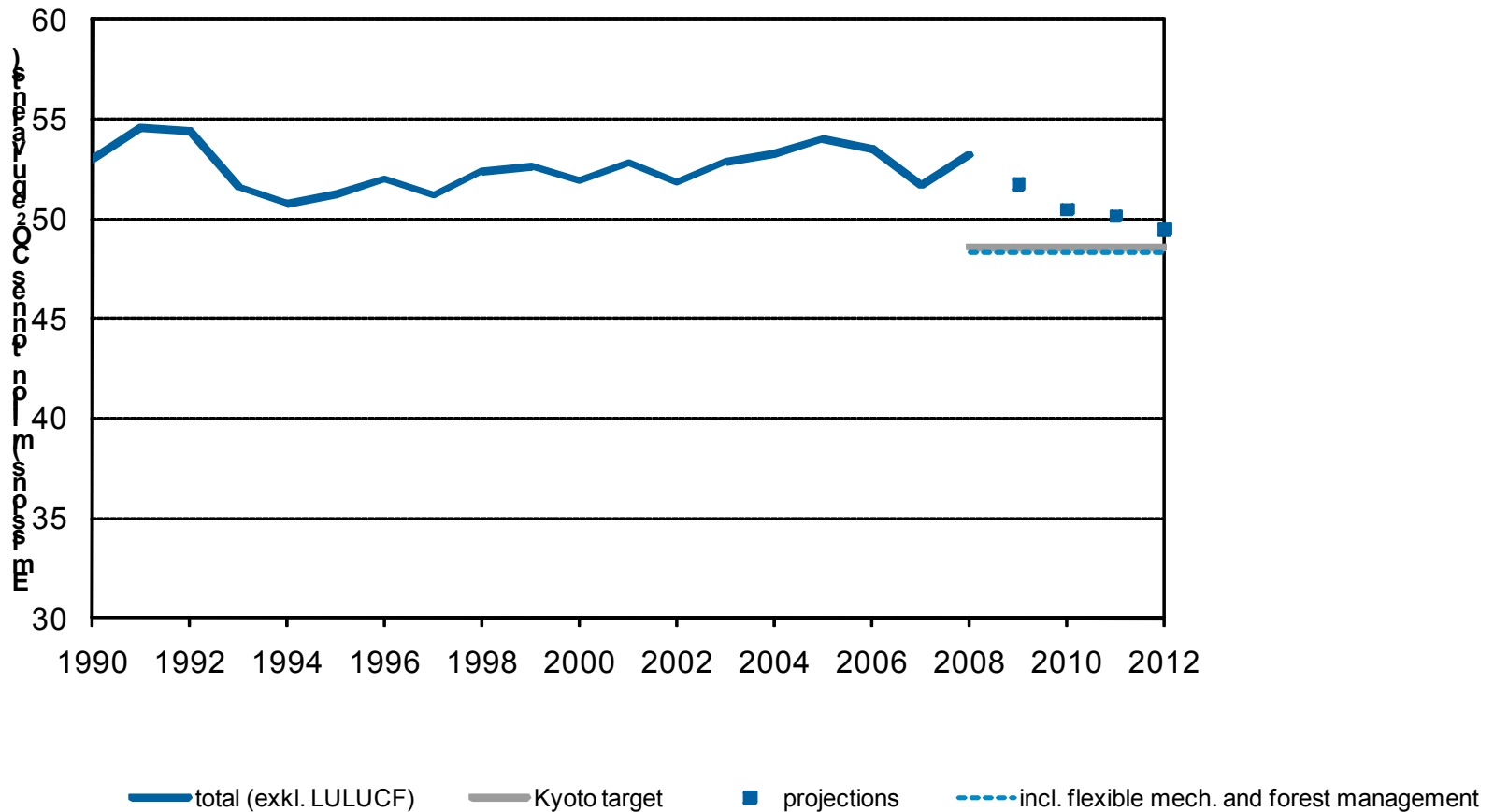
1. Improve understanding about the environmental impact
2. Facilitate comparability of targets

Ways to enhance transparency of pledges

- Further refine quantitative/qualitative information on a common set of key elements
- Identify where, by whom and what kind of additional information are valuable
- Further develop the common analytical framework



Set of elements – Switzerland's available data and assumptions





Set of elements – Switzerland's available data and assumptions

1) Carry-over of units from the first commitment period

- No carry-over of AAUs is expected
- Kyoto target achievement (-8% between 2008 and 2012 compared to 1990 = - 4.14 Mt CO₂eq) through:
 - Domestic emission reductions (incl. LULUCF - 0.26 Mt CO₂eq): - 2.2 Mt CO₂eq
 - Flexible mechanisms: - 2.2 Mt CO₂eq
- Banking of units from the project-based mechanisms by private investors = max. 6Mt CO₂eq each for CERs and ERUs possible



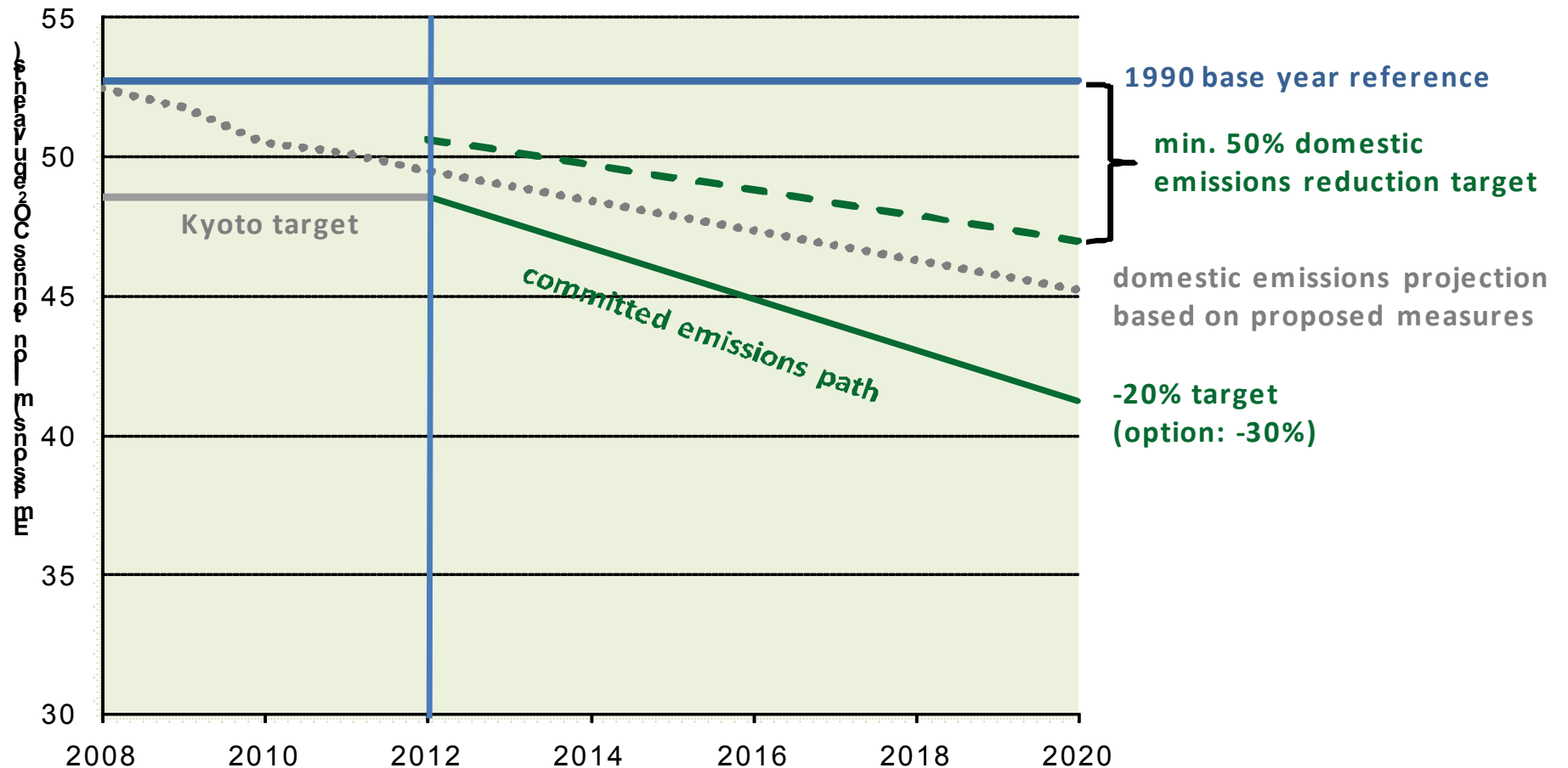
Set of elements – Switzerland's available data and assumptions

2) Transformation of pledges into QELRO

- a) Impact of different starting points (Kyoto QELROs vs. current level of emissions) on the emissions related to the new QELRO (2020)
 - CH: +0.2 Mt CO₂eq if starting point = current level of emissions
- b) Base year



Set of elements – Switzerland's available data and assumptions





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3) Expected use of flexible mechanisms (2013-2020)

- 20% reduction target: preliminary estimate of 36% of the total emission reduction effort = 3.8 Mt CO₂eq out of a total emission reduction of 10.54 Mt CO₂eq
- 30% reduction target: preliminary estimate of 42% of the total emission reduction effort = 6.6 Mt CO₂eq out of a total of 15.83 Mt CO₂eq
- National maximum cap of 50% on the use of flexible mechanisms: 5.3 Mt CO₂eq (20% emission reduction target) resp. 7.9 Mt CO₂eq (30% emission reduction target)
- No use/ purchase of foreign AAUs expected



Table 1: Reference levels and credits/debits to be accounted for using different accounting approaches for Forest Management under Art. 3.4 of the Kyoto Protocol

Accounting Approach for Forest Management	Reference Level [Mt CO ₂]	Yearly Credits / debits 2013-2020 [Mt CO ₂]
Gross-Net with CAP = +/- 1.83	NA	0.48
Net-Net Reference year 1990	-3.49	3.97
Net-Net Reference period 1990-2007	-2.69	3.17
Net-Net Reference period 2001-2005	-1.11	1.59
Net-Net Reference period 2008-2012	-0.26	0.74
Net-Net Reference period 2013-2020 = „forward looking baseline“	0.48	0.00
Gross-Net DF 85%	NA	0.07



Set of elements – Switzerland's available data and assumptions

4) Expected contribution of LULUCF to pledges for emission reductions

- Depending on accounting rules: net yearly emissions from LULUCF could range between zero (net-net with reference period 2013-2020) and 3.97 Mt CO₂eq (net-net with reference year 1990)

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- 0 – 7.50% of total 1990 emission levels excluding LULUCF or 0 – 7.94% including LULUCF