CHAPTER 2

STATIONARY COMBUSTION

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2 STATIONARY COMBUSTION

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2.3.3.4 TREATMENT OF BIOMASS

This subsection is elaboration of Section 2.3.3.4 in Vol.2 of the *2006 IPCC Guidelines*. Elaboration to add a bullet below noting the location in the AFOLU volume of clarification of the reporting of emissions from woody biomass combustion for energy

Biomass is a special case:

- Emissions of CO_2 from biomass fuels are estimated and reported in the AFOLU sector as part of the AFOLU methodology. In the reporting tables, emissions from combustion of biofuels are reported as information items but not included in the sectoral or national totals to avoid double counting. In the emission factor tables presented in this chapter, default CO_2 emission factors are presented to enable the user to estimate these information items.
- For biomass, only that part of the biomass that is combusted for energy purposes should be estimated for inclusion as an information item in the Energy sector.
- The emissions of CH_4 and N_2O, however, are estimated and included in the sector and national totals because their effect is in addition to the stock changes estimated in the AFOLU sector.

- For fuel wood, activity data are available from the IEA or the FAO (Food and Agriculture Organisation of the United Nations). These data originate from national sources and inventory compilers can obtain a better understanding of national circumstances by contacting national statistical agencies to find the organisations involved.

- For agricultural crop residues (part of other primary solid biomass) and also for fuel wood, estimation methods for activity data are available in Chapter 5 of the AFOLU volume.

- In some instances, biofuels will be combusted jointly with fossil fuels. In this case, the split between the fossil and non-fossil fraction of the fuel should be established and the emission factors applied to the appropriate fractions.

- Further clarification of the reporting of emissions from burning woody biomass for energy is provided in Section 12.5, Chapter 12 of the AFOLU volume of *the 2019 Refinement*.

2.4 UNCERTAINTY ASSESSMENT

No refinement

2.5 INVENTORY QUALITY ASSURANCE/QUALITY CONTROL QA/QC

No refinement

2.6 WORKSHEETS

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