APPENDIX C

Industry and Waste Management - Supplemental Material

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This appendix presents diagrams of the carbon flows in Canada, the United States, and Mexico, respectively (Figures C.1 through C.3). The numerical data in these figures are shown in thousands of metric tons of carbon, which can be converted into thousands of metric tons of carbon dioxide (CO_2) equivalents by multiplying the carbon values by 44/12 (*i.e.*, the ratio of CO_2 mass to carbon mass). The combined carbon flows for all three nations are presented in Figure 8.2 in Chapter 8 of this report.

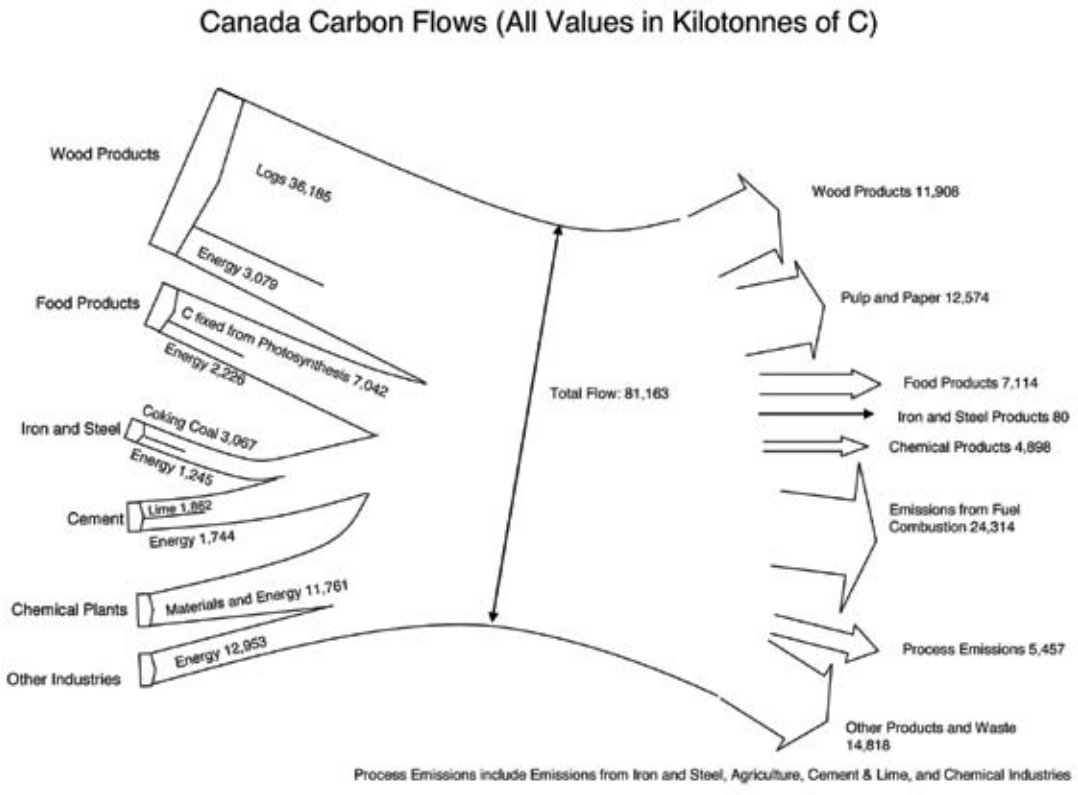

Figure C.1 Carbon flows, Canada. *Source*: Energy data from Statistics Canada Industrial Consumption of Energy survey, conversion coefficients and process emissions from Environment Canada, Canada GHG Inventory (2002). Production data from Statistics Canada, CANSIM Table 002-0010, Tables 303-0010, -0014 to -0021, -0024, -0060, Pub. Cat. Nos.: 21-020, 26-002, 45-002, Canadian Pulp and Paper Association on forestry products.

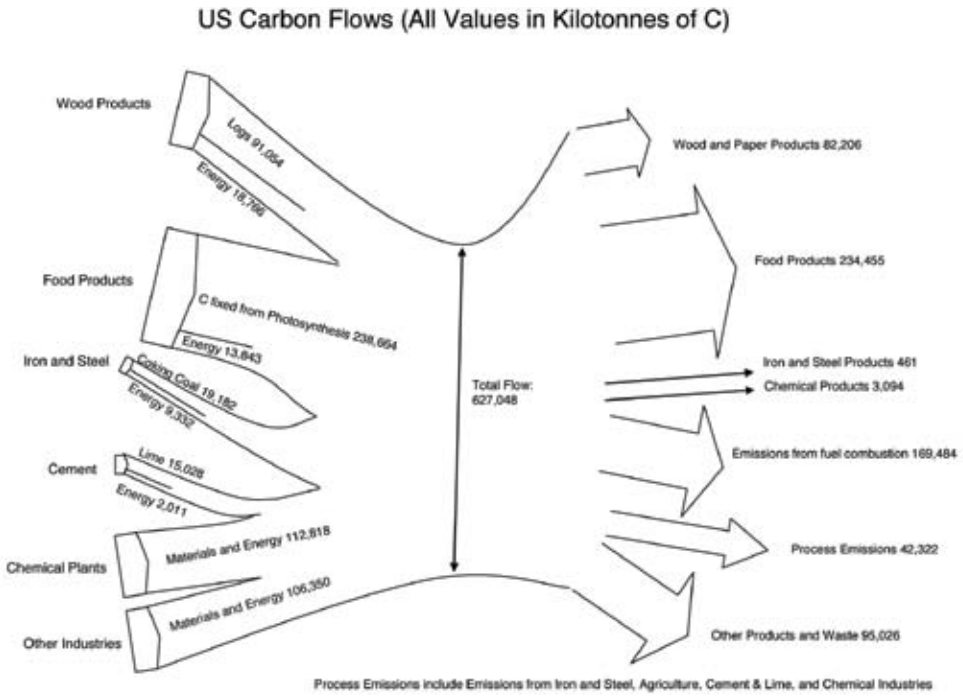

Figure C.2 Carbon flows, United States. *Source:* Energy data from IEA Oil Information (2004), IEA Coal Information (2005), IEA Natural Gas Information (2004). Process emissions: EPA, U.S. Emissions Inventory. Production of forestry products: USDA Database; FO-2471000 and -2472010, U.S. Timber Production, Trade, Consumption, and Price Statistics 1965-2005, Production of organic products (*e.g.*, food): USDA PS&D Official Statistical Results, Steel: International Iron and Steel institute, World steel in figures (2003), Minerals production: USGS mineral publications.

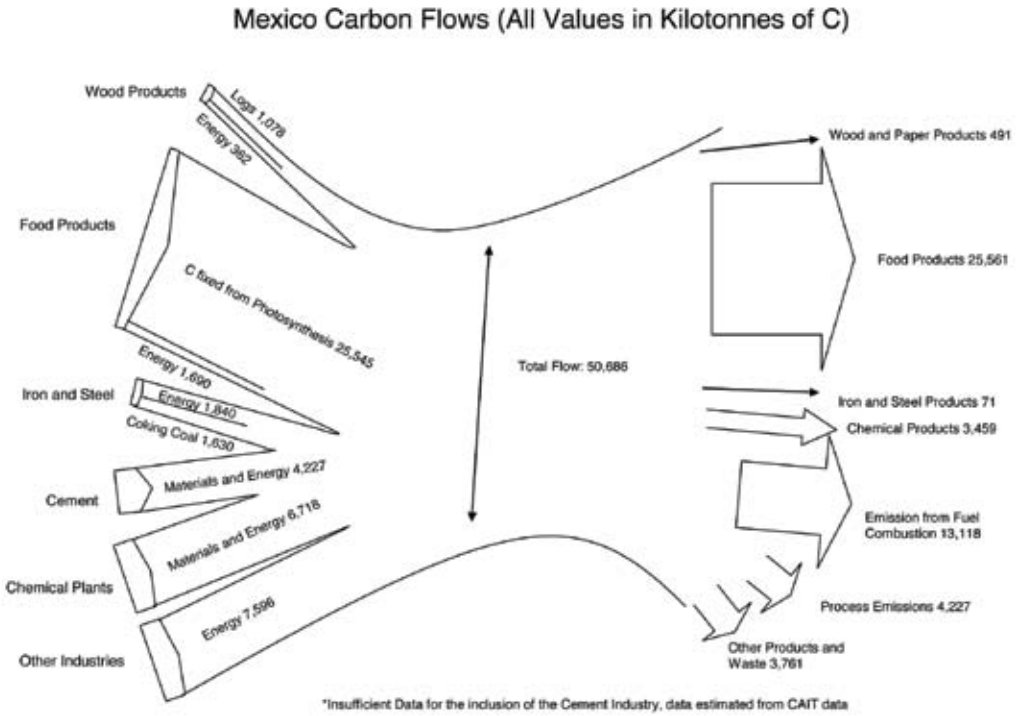

Figure C.3 Carbon flows, Mexico. *Source:* Energy data from IEA Oil Information (2004), IEA Coal Information (2005), IEA Natural Gas Information (2004). Process emissions: EPA, U.S. Emissions Inventory. Production of forestry products: USDA Database; FO-2471000, -2472010, -2482000, -2483040, -6342000, -6342040. Production of organic products (*e.g.*, food): USDA PS&D Official Statistical Results. Steel: International Iron and Steel institute, World steel in figures (2003).