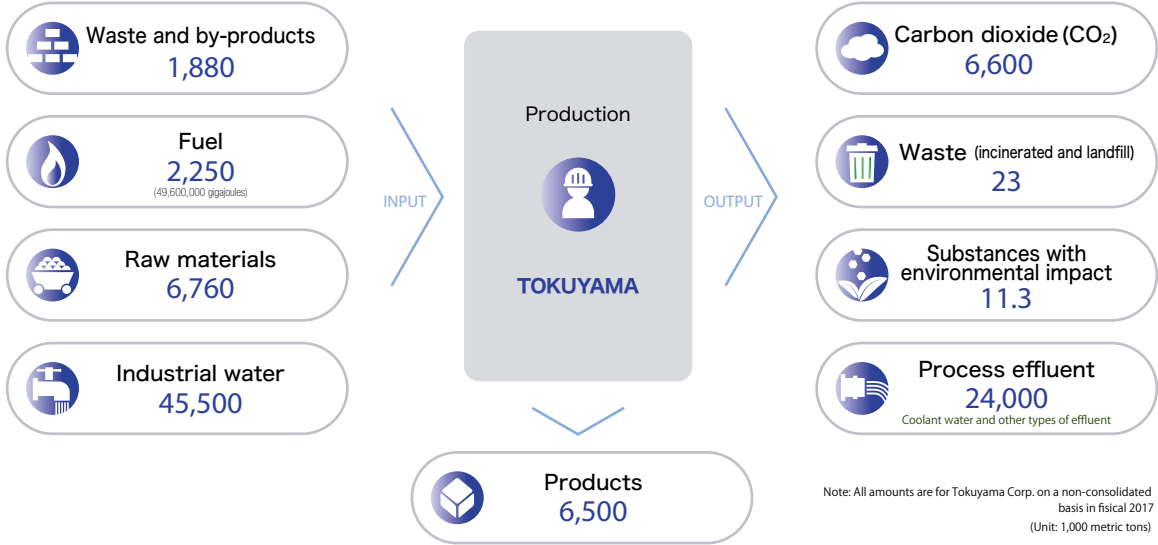


Flow of Materials in Business Activities



Note: All amounts are for Tokuyama Corp. on a non-consolidated basis in fiscal 2017
(Unit: 1,000 metric tons)