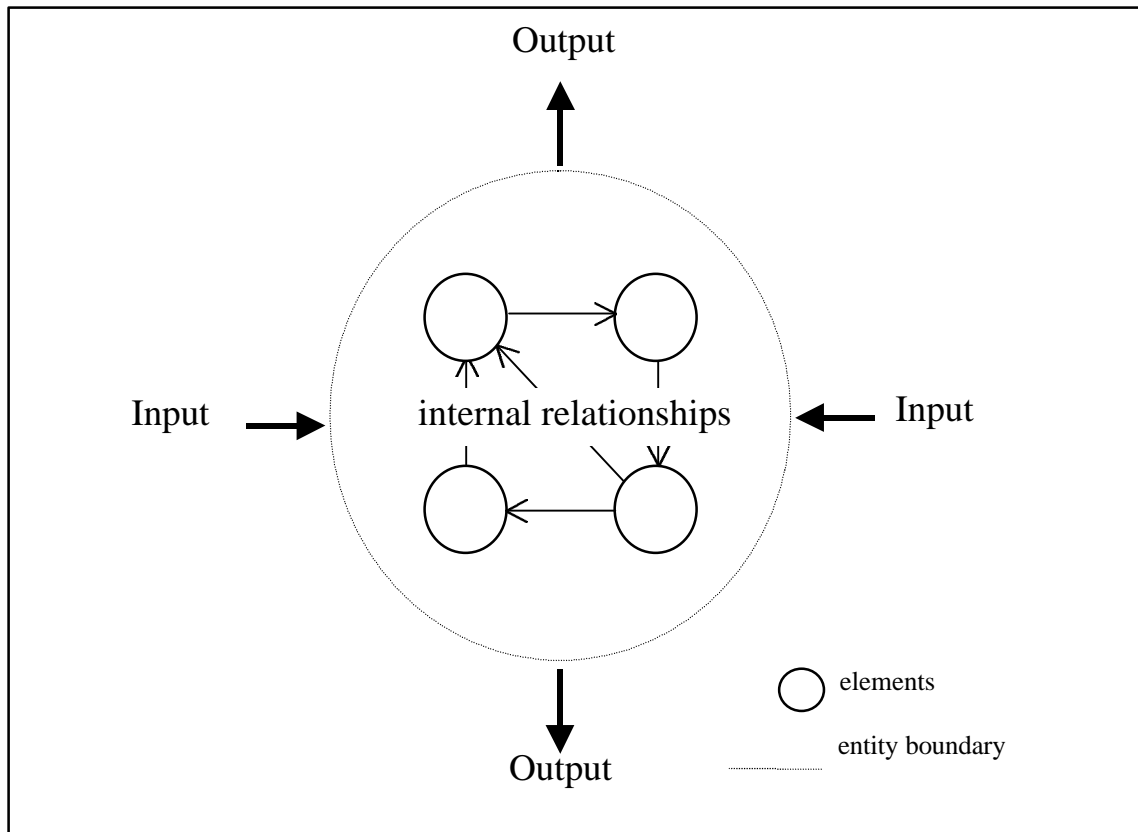


## **Overhead Originals for Class Discussion of Unit 2**

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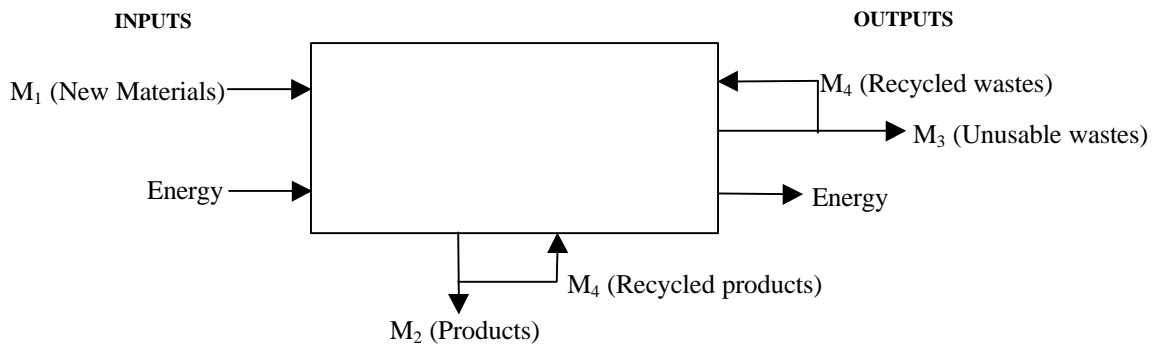
The following pages contain overhead originals that can be used to support the information presented in *Background Information* of Unit 2. The instructor may use these in class to summarize the information students read in the module or to organize lecture material.

# A Simple System Model

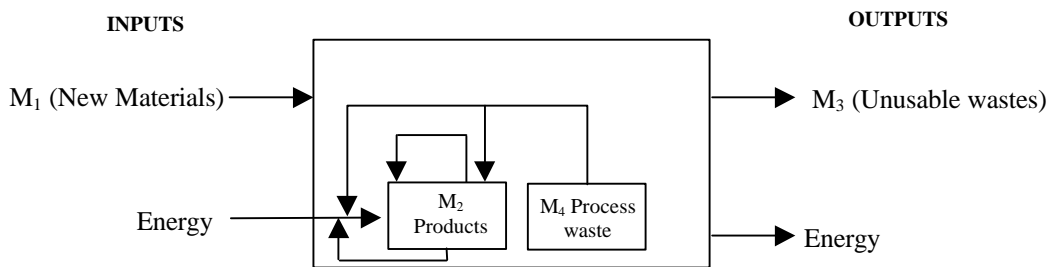


## Open and Closed Systems of Materials Flow

### a: An open system of materials flow.

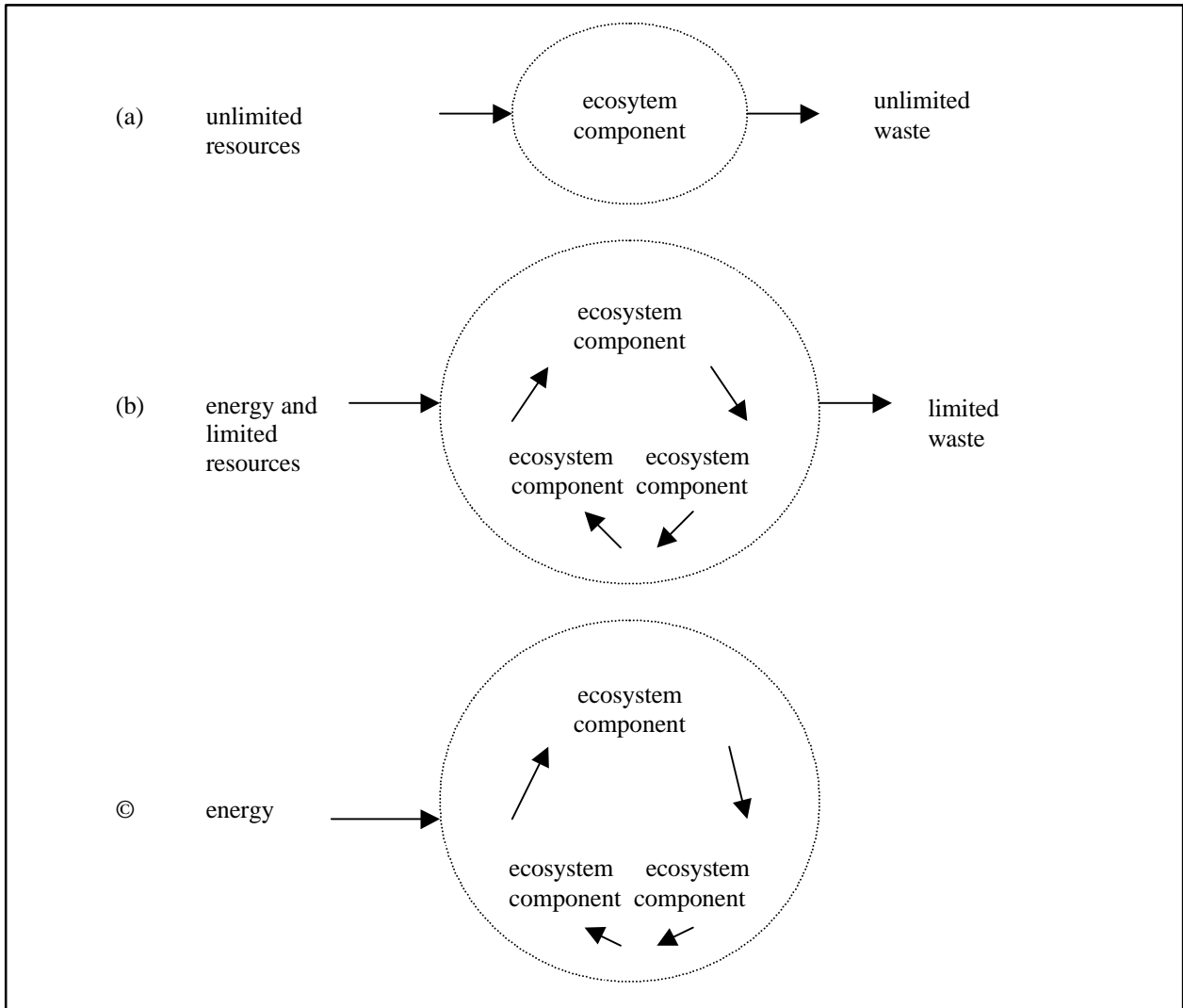


### b: A closed system of materials flow.



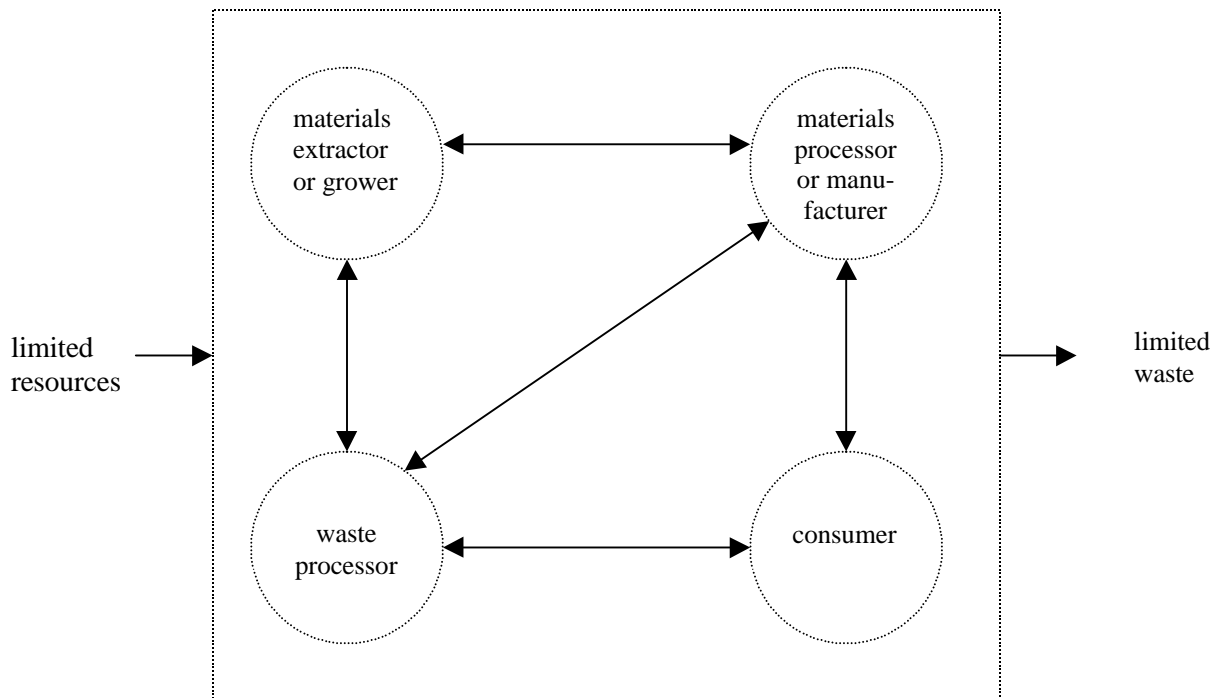
Source: Frosch, Robert. *Environment* 37 (10):20. 1995. Reprinted with permission of the Helen Dwight Reed Educational Foundation. Published by Heldref Publications, 1319 18th St. NW, Washington, DC 20036-1802. ©1997.

**(a) Linear material flows in “Type I” ecology (b) Quasi-cyclic materials flows in “Type II” ecology (c) Cyclic materials flows in “Type III” ecology**



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## The Type III Model of the Industrial Ecosystem



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