

Worksheet 6: Patterns in environmental quality and sustainability

Deforestation

1 Study Figure 6.1.

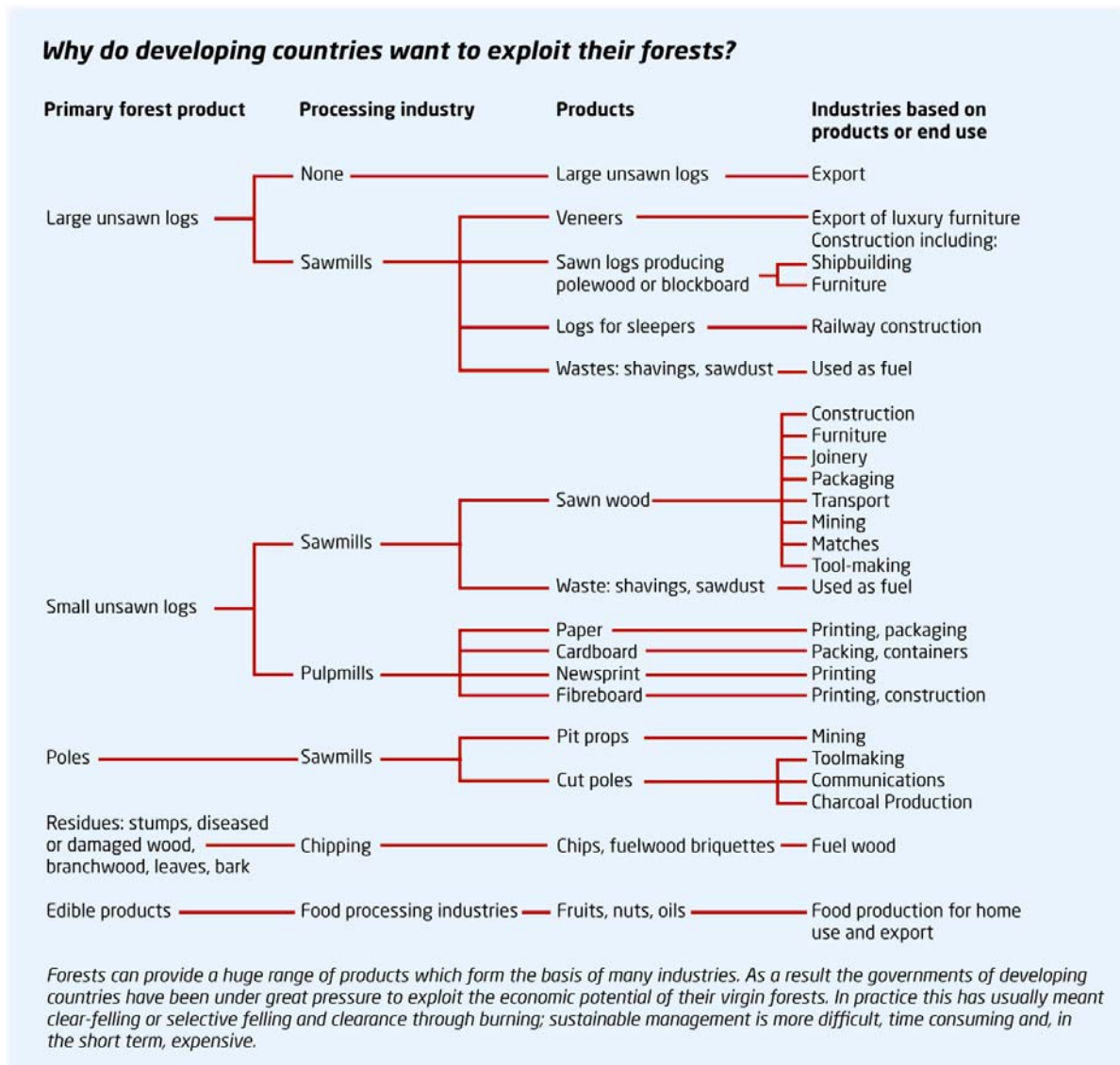


Figure 6.1 The role of forests in development.

(Source: *Geo Factsheet 2 'Managing Tropical Rainforest – The Ecosystem Approach'*, p1, Curriculum Press)

a Describe the range of primary forest products.

- b** Describe how these primary forest products are processed to create saleable products.
- c** Comment on the range of industries that buy such saleable forest products.
- 2** Conduct research into one developing country that exports significant amounts of forest products. How important are forest products to its economy?
- 3** Study Figure 6.2.

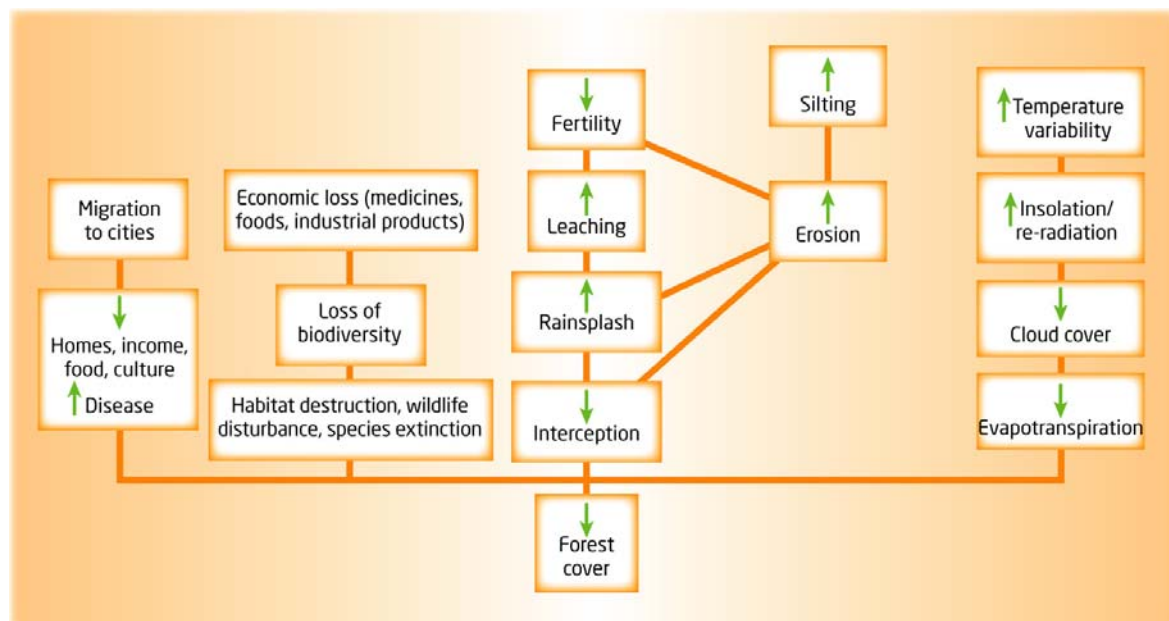


Figure 6.2 The consequences of deforestation.

(Source: *Geo Factsheet 2 'Managing Tropical Rainforest – The Ecosystem Approach'*, p1, Curriculum Press)



- a** What is the relationship between the degree of forest cover and the level of evapotranspiration?

- b** What impact does the level of evapotranspiration have on other climatic characteristics?

- c** What impact does deforestation have on soil fertility?

- d** Explain the link between deforestation and the loss of biodiversity.

- e** What impact can deforestation have on human settlement and economic activity?

- 4** Describe how one country has tackled the adverse effects of deforestation.