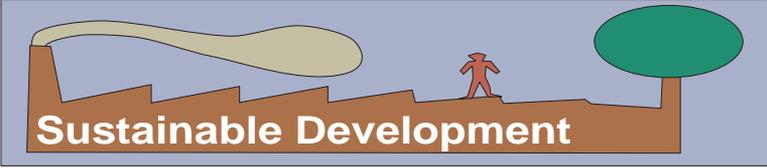
The logo features a stylized landscape with a brown factory emitting a yellow plume of smoke, a small red figure of a person, and a green tree. The text 'Sustainable Development' is written in white on a brown background at the bottom.

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Sustainable Development

## Chapters 7 and 8

### Substitution between inputs, and pollution

#### Study questions

1. Is scarcity of non-renewable natural resources likely to be a major brake on economic growth within the next 200 years? Energy?
2. Consider the following pollutants. How well can the simple EKC model explain what has happened, and predict the future? Would adding DTC improve the performance of the model? What else could be added?
  - (a) Sulphur to air in Europe.
  - (b) CFCs globally.
  - (c) Lead to air.
  - (d) Nitrates and phosphates to water.
  - (e) Neonicotinoids.
  - (f) CO<sub>2</sub> to air.
3. Are we heading for a cleaner future, globally?
4. Are subsidies to clean-energy research a good substitute for a price on carbon emissions?