

Why should we construct eco-neighbourhoods?**Part 1.** Understanding the idea of ecological footprint.

(15 mins)

Remember : What is an eco-neighbourhood ? A neighbourhood built in a way to reduce urban sprawl, ensure mixed-use development, the use of renewable resources, limitation on energy consumption, air and water pollution, reduction of automobiles, and especially giving an important place for green spaces.

• Read **sheet 1** (a text on ecological footprint)

a. What do you see on this document ?

b. What is carbon footprint ?

c. On the diagram, a part represents 'services'. How are services related to carbon footprint?

Part 2. Answer a questionnaire

(20 mins)

① What is CO₂?

② What part is the impact of the city in the emission of CO₂?

③ Is this impact important?

④ What is the part from housing (*logement*) in the carbon footprint of the French people?

⑤ What are the causes for this production of CO₂?

⑥ What is the part from transport in the carbon footprint of the French people?

⑦ What reasons did the text give for this important part?

8 What are the two other elements that contributes to this carbon foot print?

9 To go further; in your opinion, why is food (*alimentation*) in the production of CO₂?

(You may write you answers in *English* or *French*).

Part 3.

(20 mins)

- Write short sentences to justify the construction of an eco-neighbourhood.

(Hints: Use the idea from your creation of an eco-neighbourhood at school.)

Glossary:

Home: *l'habitation*

Movement: *les déplacements*

Waste: *les déchets*

Sanitation: *la propreté*

Vegetation: *la végétation*

Water: *l'eau*