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 foot print?**

    _____
    _____

Part 2. Answer a questionnaire   **(20 mins)**

❶ **What is CO_2?**

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❷ **What part is the impact of the city in the emission of CO_2?**

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❸ **Is this impact important?**

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

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❺ **What are the causes for this production of CO_2?**

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

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❼ **What reasons did the text give for this important part?**

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

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❾ **To go further; in your opinion, why is food** *(alimentation)* **in the production of CO$_2$?**

(*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.)

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Glossary:

Home: l'habitation

Movement: les deplacements

Waste: les déchets

Sanitation: la propreté

Vegetation: la végétation

Water: l'eau