

Creating a Sketch Map of a Sustainable Oil Palm Plantation

LEARN AT  CHESTER ZOO

What is a sketch map?

A sketch map is a drawing to show the main features, physical and human features in an area.

When is it needed?

- **When might you need a sketch map?**
- Generally, sketch maps can be drawn during fieldwork or from a photograph to show the main land use.
- It may be drawn from above (*an aerial view*) or from ground level (*a horizontal view*).



Aerial view of the rainforest



Using 'Google Maps' or 'Google Earth', view a region of the rainforest in South America and show this can be used to create a sketch map of an area.

What are types of features shown on sketch maps?

From your previous work on sketch maps, which sketch map features do you need to include?



River



Road



Climate



Farmland



Deforested Land



Forest



Logs



Building



Vegetation

- Discuss an appropriate approximate scale for the sketch map by working out estimated distances and lengths of parts of the plantation.

L.O.: To create a sketch map to show land use of a sustainable oil palm plantation

- You will be creating a hypothetical (made up) sketch map of a **sustainable oil palm plantation**.
- You will need to apply your knowledge of sustainable oil palm plantations, when planning and creating your sketch map.



An example of an **unsustainable** oil palm plantation is shown on the next slide.

L.O.: To create a sketch map to show land use of a sustainable oil palm plantation

Sketch map of an unsustainable palm oil plantation



L.O.: To create a sketch map to show land use of a sustainable oil palm plantation

What should you include in your sketch map of a sustainable oil palm plantation?

Success Criteria:

I can:

- Title
- Simple line drawings
- At least three features found only on a sustainable plantation e.g. wildlife corridor.
- Key (including symbols and colour)
- Labels
- Annotations (to explain features are sustainable)
- 'Approximate scale'/ 'Not to scale'

- ***Sketch map with title, key and labels and at least 3 features of a sustainable oil palm plantation.**
- ****Additionally, include an approximate scale and annotations to explain why the plantation is sustainable.**
- *****See above. Look back at previous learning/ research to add information to your annotations.**