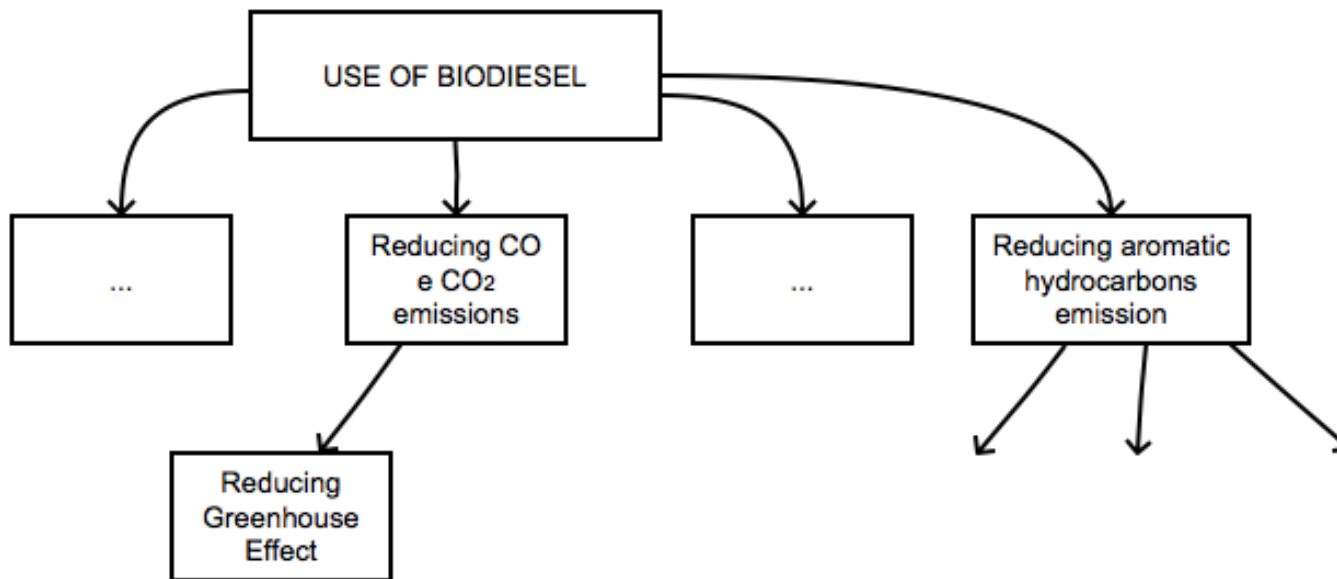


Group name:
Students names:

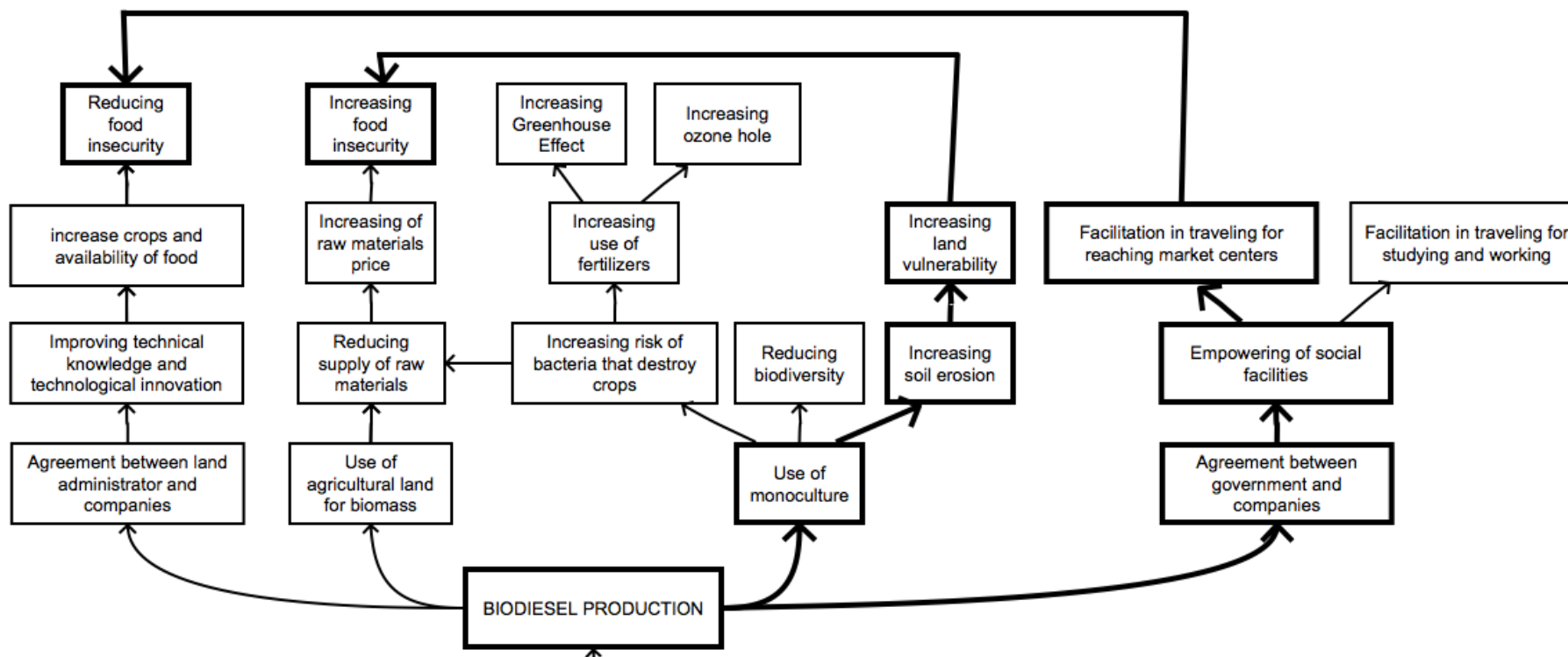
Task n.1: read the part of the text titled “Use of Biodiesel” and draw the map by completing it and adding the boxes you think are necessary.

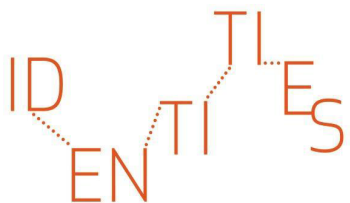


Group name: _____

Students names: _____

Task n.4: read the text about the production of biodiesel and compare it with the map. Explain the causal reasoning represented by the arrows that go from the biodiesel production to the increasing/reducing of food insecurity through: i) the increasing of land vulnerability; ii) the facilitation in travelling for reaching market centres.





Enlightening
Interdisciplinarity
in STEM for Teaching

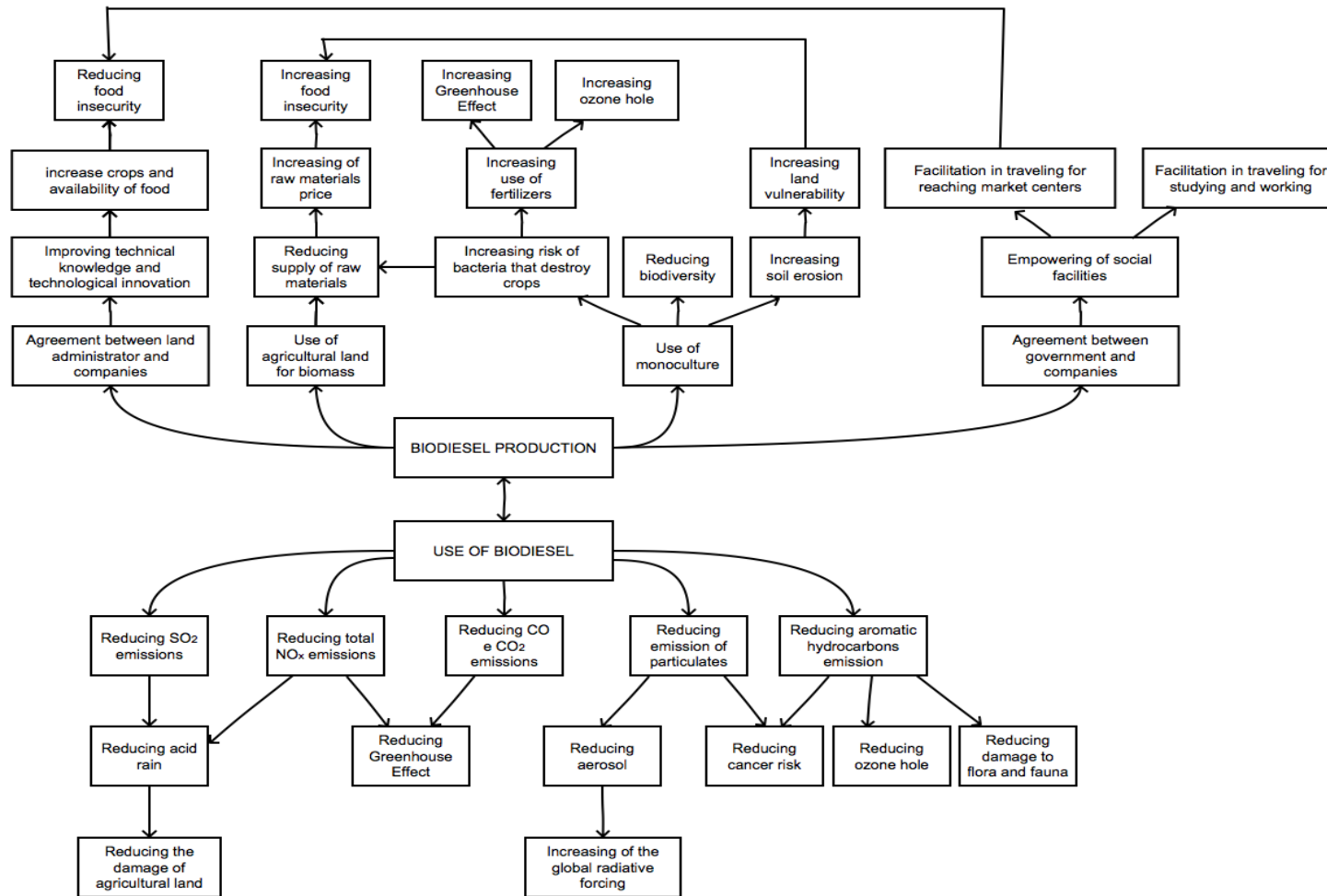
Group name:
Students names:

The whole map:



Group name:

Students names:



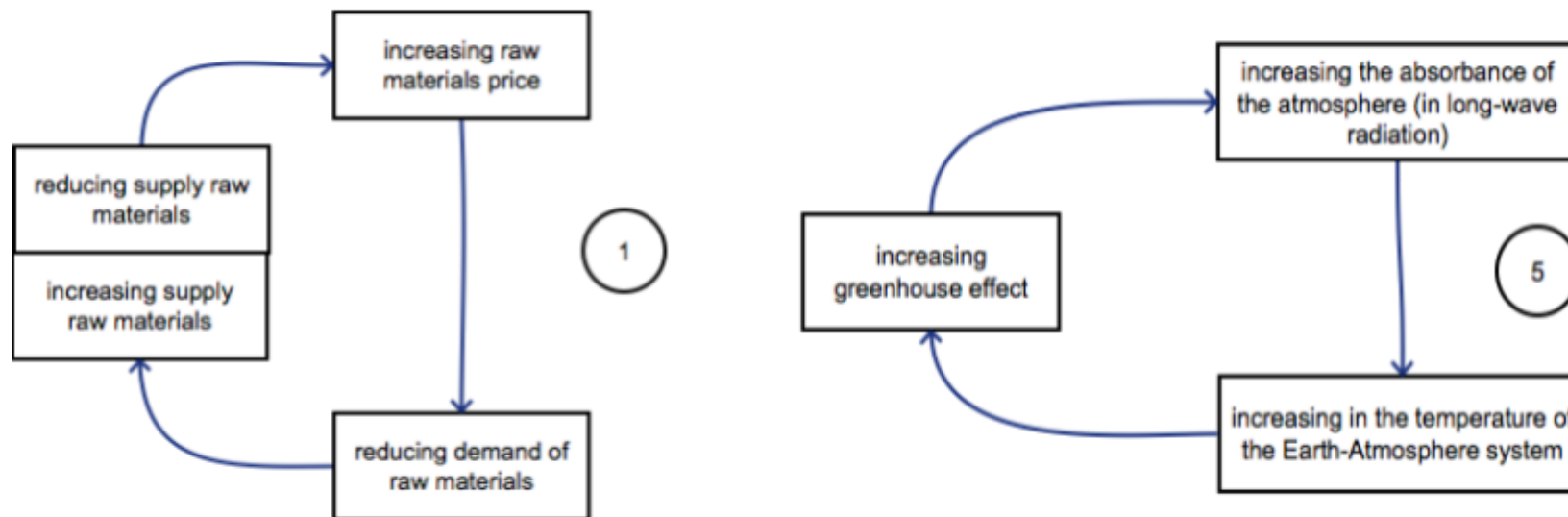
Group name:
Students names:

Task n.5:

(a) Here two examples of feedback loops. See the schemas, analyse the loops, explain them, say if they are positive or negative and situated them in the map.

(b) Looking at the whole map, choose an area and try to identify and/or invent other two feedback loops different from the example you already have (better if you would able to invent one example of positive feedback and one of negative feedback).

At the end of this exercise, share and discuss your work with the other groups.



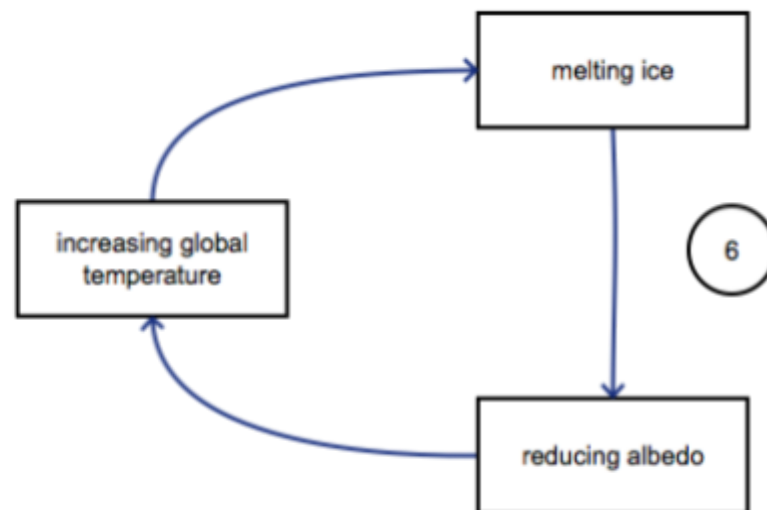
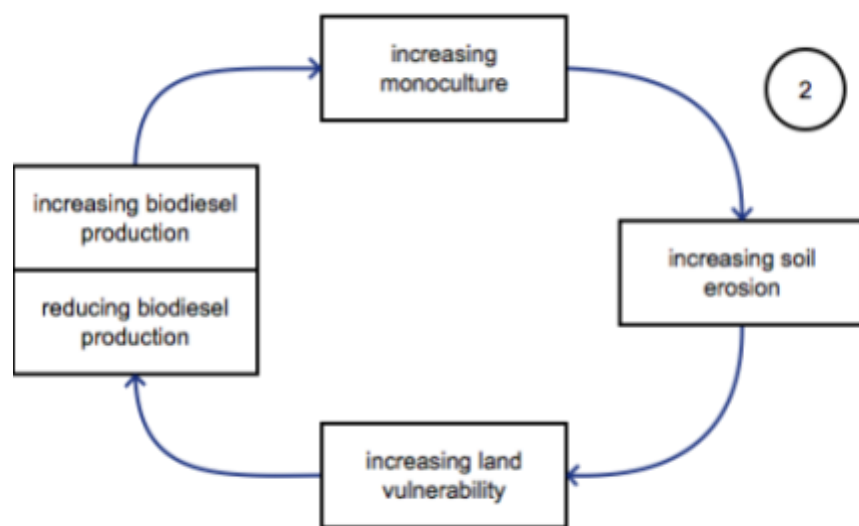
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