

Quiz 3

(5 points)

Time: 29 October 2021 at 14:50-15:20 (30 minutes)

There are 2 questions. You need to answer all two questions. Please **submit** your answers in a PDF file with a file name “**Quiz3_StudentID_FirstName Surname**” via BE Moodle class before **15:30**.

Question 1: (2.5 points)

“Thailand will formally announce a new pledge to achieve carbon neutrality by 2065 at the COP26 in UK in November 2021.”

- a. What could be the reasons driving Thailand to set carbon neutrality target at COP26?
- b. What policies could be used to achieve carbon neutrality in Thailand?

Question 2: (2.5 points)

“A cost-effective allocation of a uniformly mixed fund pollutant is where marginal costs are equalized for all sources or firms.” Do you agree with this statement? Explain the reasons supporting your answer.

1. a.) The reasons that driving Thailand to set carbon neutrality target at COP26 is Thailand want to reduce GHG emissions and want to reach long-term temperature goal which is the limitation of the global warming to less than 2°C because the climate change of global temperature is increase year over year.
- b.) The policies that could be used to achieve carbon neutrality in Thailand is mitigation policies and adaptation policies. The mitigation policies is focus on reducing emissions and increasing the ability to absorb emission. Adaptation policies is focus on minimizing the harm from climate change impacts and focus on development of ourself. In the mitigation policies, government can impose carbon pricing policies such as carbon tax and emission trading system.

2. I agree with this statement because if the marginal cost is not equal all source of firm, there will be additional cost for the firm. So, the marginal cost have to equal for all sources within the target reduction. for example : total target = 20 units
Source 1 = 10 units
Source 2 = 10 units

