

## Quiz 3

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(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) COP26 is the 2021 United Nations climate change conference. Thailand might set carbon neutrality target at COP26 because climate change impacts every country worldwide including Thailand; therefore, Thailand has to participate. The conference is about achieving "Net zero emission" and each country's approach.  
b) Carbon tax which is setting direct tax to the price of fossil fuels.
  
2. a) Agree. This is because a uniformly mixed fund pollutants cause damage that is not related to where the emissions are from. This means that pollutants generated anywhere are the same so marginal costs are equalized for all sources or firms. As a result, policy dealing with this problem focus on controlling total amount of emission that minimize the cost of control.

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