

## 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.

**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?

a) Thailand set the goal to achieve the climate change goal of environment to reduce the emissions and establish the new energy plan for going through having no greenhouse gas emissions. so that the environment will get better protection and can prevent from several natural disasters.

b-) We can separate into 2 groups

1.) Mitigation policies

- Stopping the level of emissions by reduction amount of fossil fuels.
- we adapt carbon pricing policies to increase more incentive of people to use more renewable energy and reduce the using of fossil fuel

2.) Adaptation policies

- encourage more movement of people or sectors in country to reduce the severity of issue.

For example, establish more public health for people which is benefit for unexpected situation in the country.

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.

Agree, the cost-effective allocation is where marginal cost equal to marginal damage cost. It can control the total amount of emission and can minimize the control cost. If we point out in  $Q_1$ , the extra cost will incur in this situation and it is not the efficiency point. Also, the marginal cost has to equally separate to all firms, making it more efficient and easy to allocate.

