

### 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.”

- What could be the reasons driving Thailand to set carbon neutrality target at COP26?
- 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.

Q1

1)

A) COP26 is the 2021 United Nations climate change conference. For nearly three decades the UN has been bringing together almost every country on earth for global climate summits called COPs which stands for ‘Conference of the Parties’.

Reason : limiting global warming to less than 2 and prefer to 1.5 degree, to limit the temperature , for people healthy in the area

B) The economic implications of climate change impacts would push countries to take serious measures or develop policies to tackle the problem. There are two main policies in place to combat climate change.

##### 1. Adaptation policies

Efforts to alter natural or human systems in order to reduce the harm caused by climate change. Modifying development planning to boost the resilience of damage-prone areas is one example.

##### 2. Mitigation policies

to reduce emissions or boost the planet's natural capacity to absorb greenhouse gases in order to slow the rise in temperature

Q2

2) i agree with this statement , marginal cost must be equal to for all resource or in the equilibrium

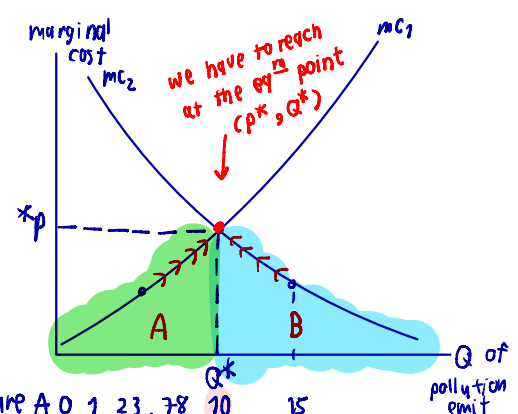
To explain in the graph — — — —>

Moreover, if it is unequal it will cause additional cost for firm

The equilibrium will minimize cost

For example total target equal to 15 source1=10, source2=5

use this graph be the example of the case that equal



Efficient allocation  $Q^*$  is marginal control cost = marginal damage cost