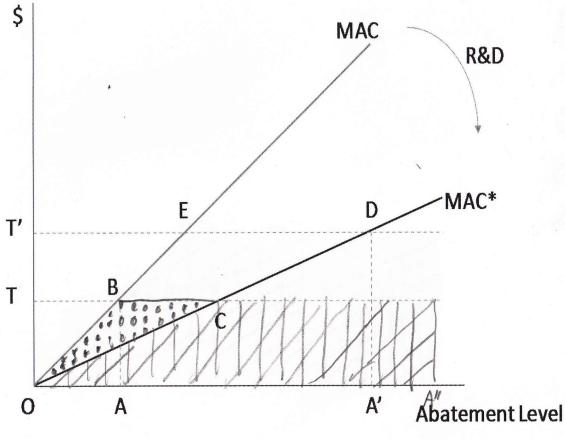


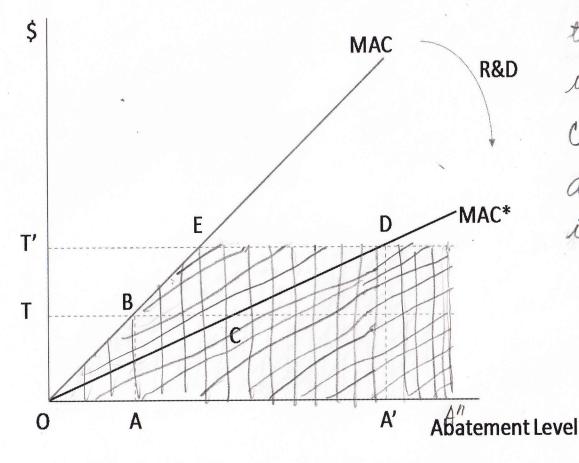
OAB is what the firm currently para for abotanoni possible abatement at chosen output are T\* (A"A) in addition

- Suppose a polluting firm operates in a perfectly competitive market and maximizes profits
- Suppose the firm could invest to reduce its marginal abatement cost (R&D to develop new pollution abatement technology)



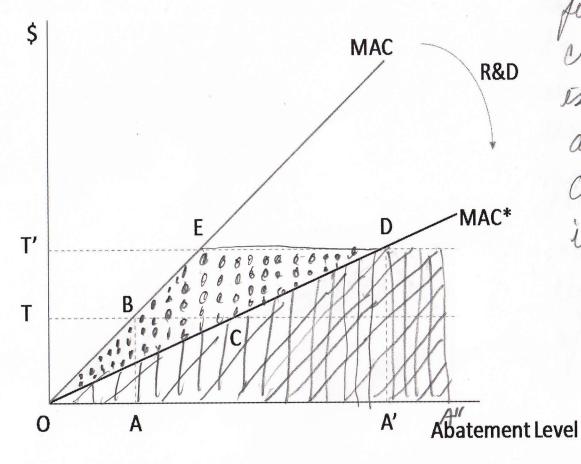
! taxes stay Tand the is what it

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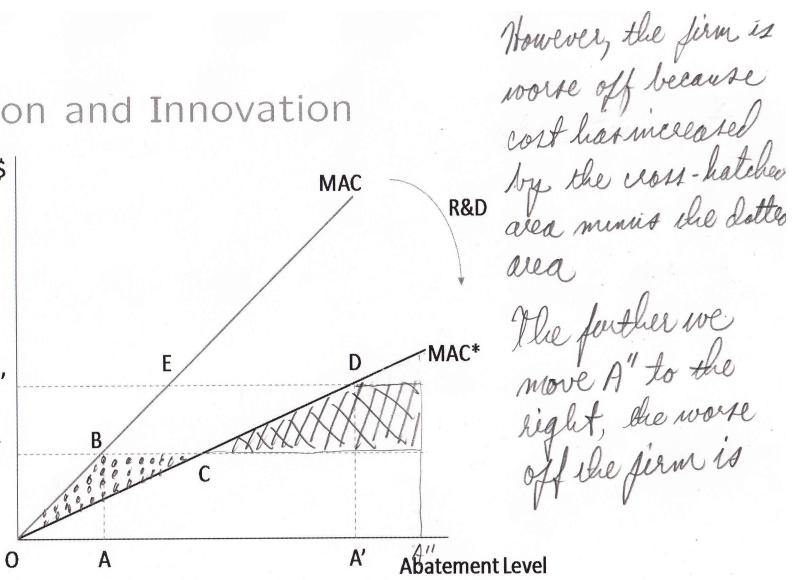
increased and there is no investment, the cross hatched area, is what if pays

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If laxes are increased and the firm invests the cross hatched area is what it pays and the dotted area of D is what it serves

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