Kosmas Marinakis, Ph.D.

## Lecture 6

Market Failure & Government Intervention

Economics & Society

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Previously in E&S

★ Monopolistic Competition 
★ Cournot Oligopoly

★ Bertrand Oligopoly

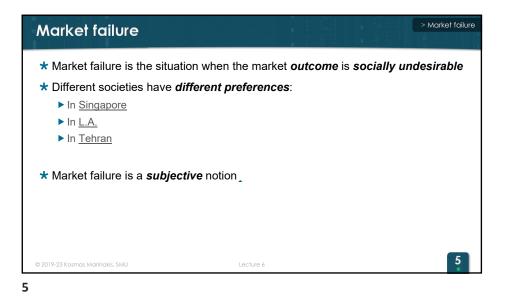
★ Collusion 
★ Kinked demand model 
★ Winked demand model 
★ Lecture 6

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\* Monopolies are known to cause economic inefficiency and are socially disliked

\* But even PC outcomes, which are 100% efficient, are socially disliked at times

\* There are 7 main types of market failure:

1. Market prices may fail to reflect the real cost or the real benefit of the product

2. The market may fail to allocate the good to those who value it the most

3. The market may fail to produce the good at the min opportunity cost

4. The market may produce a good that fails to cover the real needs of the society

5. The market may fail to control the abuse of monopoly power

6. Consumers may fail to evaluate the consequences of the use of a product

7. The market may fail to equilibrate for various reasons.

\* There are 2 approaches to regulatory intervention:

1. Direct intervention:

• The regulator overrides the market and directly sets the desired outcome

• For example, setting prices, product specifications or product variety.

2. Indirect intervention:

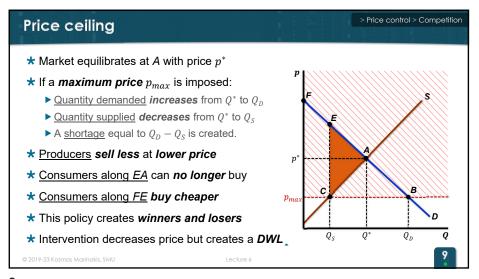
• The regulator adjusts the market rules to steer clear of failing outcomes

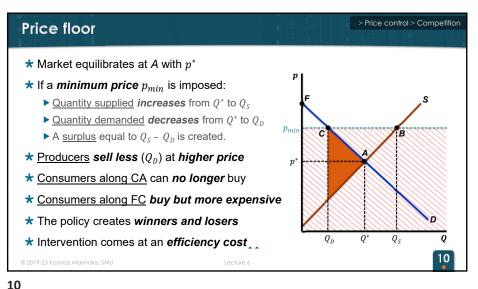
• For example, antitrust or other legislation that enables the market to yield the desired outcome



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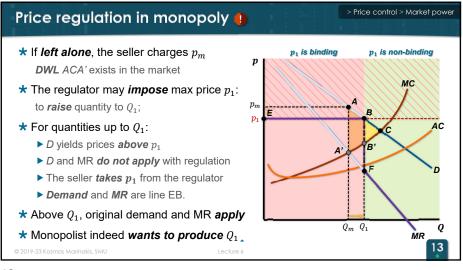


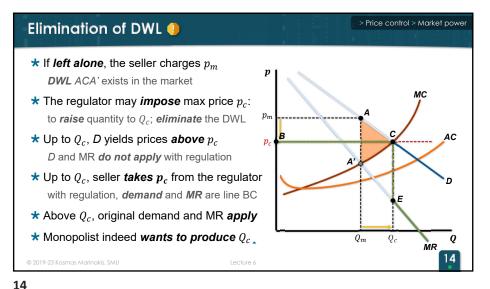
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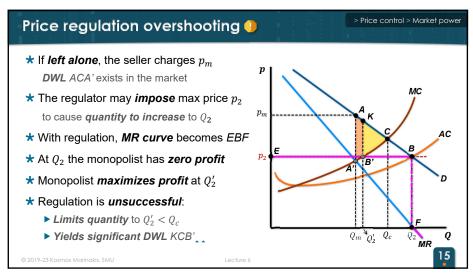


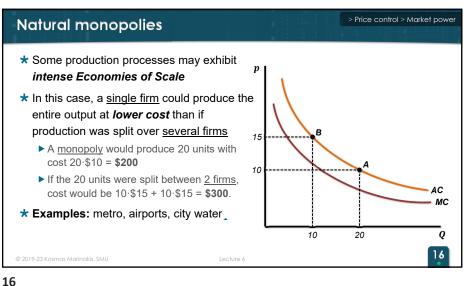


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## > Price control > Market power Regulating a natural monopoly ★ <u>Unregulated</u> monopolist would produce $Q_m$ and charge $p_m$ **\*** Regulation at $p_c$ yields the **maximum** market efficiency but at losses $\star$ Regulation at $p_s$ allows the monopolist to break even and offers financial sustainability however, a *lower quantity* is produced МR © 2019-23 Kosmas Marinakis, SMU

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## WARNING!

The slides in this handout are created with the intention to serve a visual aid for the audience during the live presentation of the material in the lecture. As such, they are not designed to be standalone reading material and should be used strictly as reference, side by side with notes taken in the lecture. Studying solely from the slides is not recommended and might in some cases mislead those who have not attended the relevant lecture. Less than 20% of tasks in test and exam can be answered solely from the slides.

