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Lecture 6

Market Failure & Government Intervention

Economics & Society

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Previously in E&S

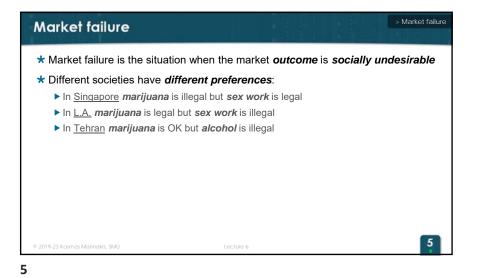
★ Monopolistic Competition
★ Cournot Oligopoly

★ Bertrand Oligopoly

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







* 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.

Market failure Regulation * Regulation is a *response* to market failure and may *lead to improvement* in social welfare * Winners from intervention could *compensate* the <u>losers</u> and still be winners George Olga * Olga has the *right to choose* the plan Plan A 10 she would **choose plan B** causing a **DWL** of 8 units (20 - 12 = 8)Plan B * A regulator could tax George for 1 unit and pay it to buy Olga's right to choose Olga has no reason to not sell the right because she will anyway receive 11 \star A is implemented; Olga receives 10 + 1 = 11 and George receives 10 - 1 = 9 no one is worse off and the DWL is eliminated by the intervention 7

* There are 2 approaches to regulatory intervention:

1. Direct intervention:

• The regulator directly sets the market outcome that is prone to market failure

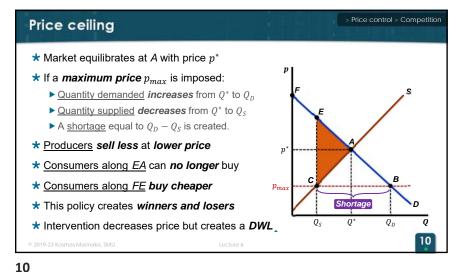
• For example, setting prices, product specifications or product variety.

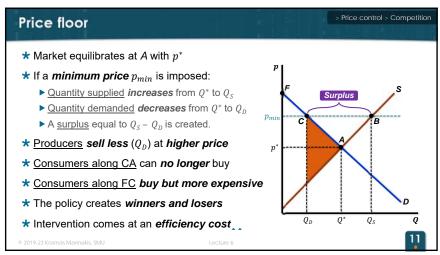
2. Affecting market institutions:

• The regulator adjusts the rules of competition to indirectly avoid failing outcomes

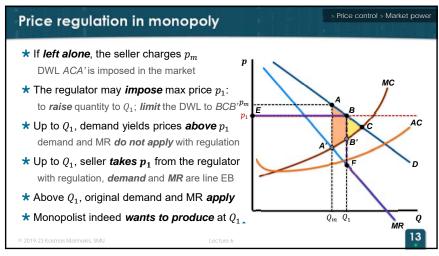
• For example, antitrust or other legislation that sets market rules.

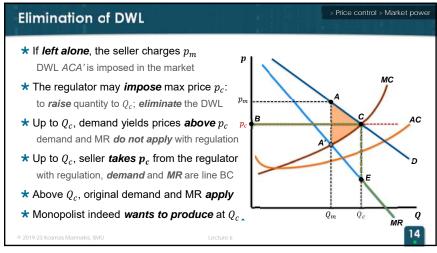


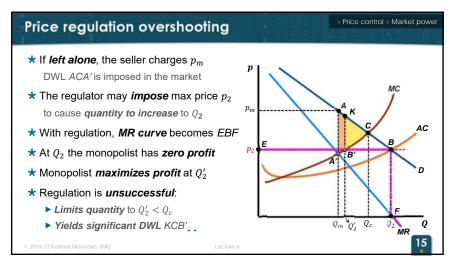


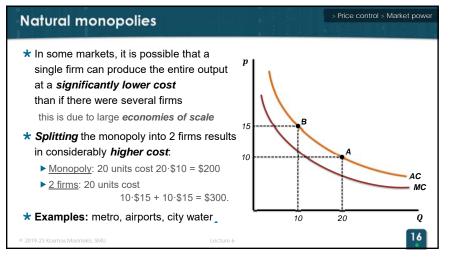




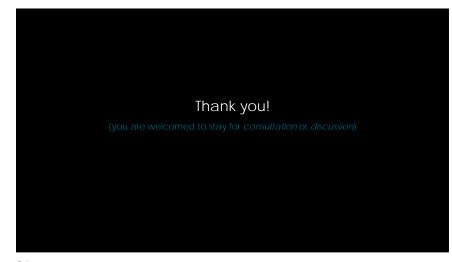








* Unregulated monopolist would produce Q_m and charge p_m * Regulation at p_c yields the maximum market efficiency but at losses * Regulation at p_s allows the monopolist to break even and offers sustainability however, a lower quantity is produced. **Price control > Market power* **P



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WARNING!

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