Chapter 4 Valuing Benefit and Cost in Primary Markets

Primary Markets: Directly affected by a policy or project

Secondary Markets: Indirectly affected

(as side effect or spillover effect)

<u>Competitive Market</u> (Perfect Competitive):

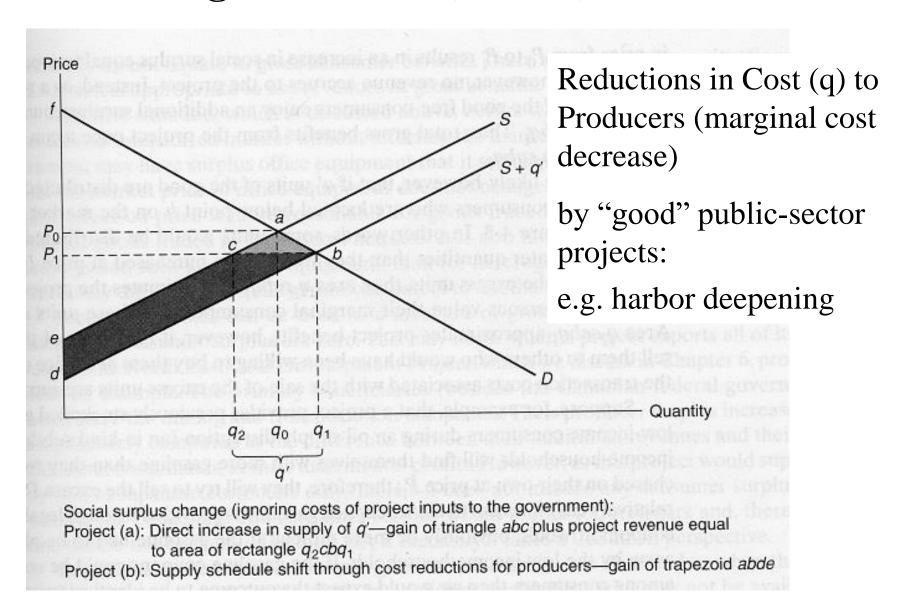
Pareto Efficiency: Ideal Market based on Microeconomics Theory



<u>Distorted Markets</u> (Market Failures or Government Failures)

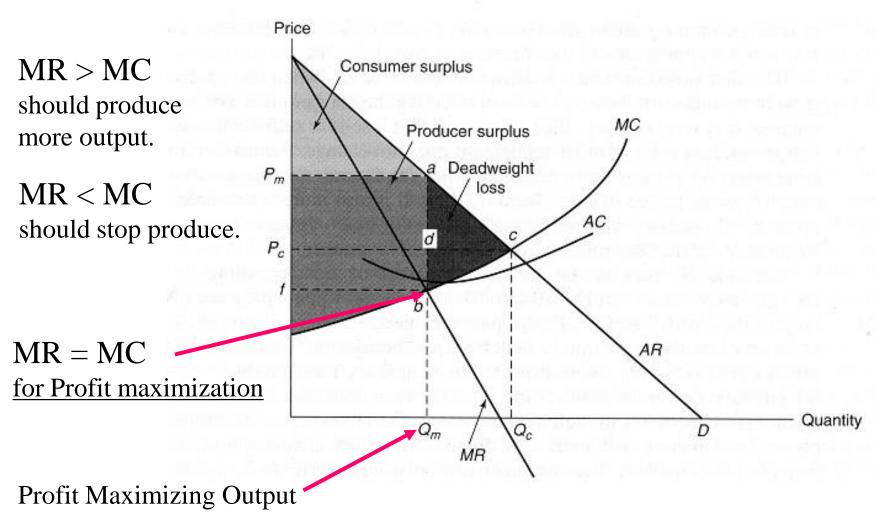
Pareto Inefficiency: <u>Monopoly</u>, Information Asymmetry, **Externalities**, Public Goods and so on.

Measuring Benefits in (Pareto) Efficient Markets

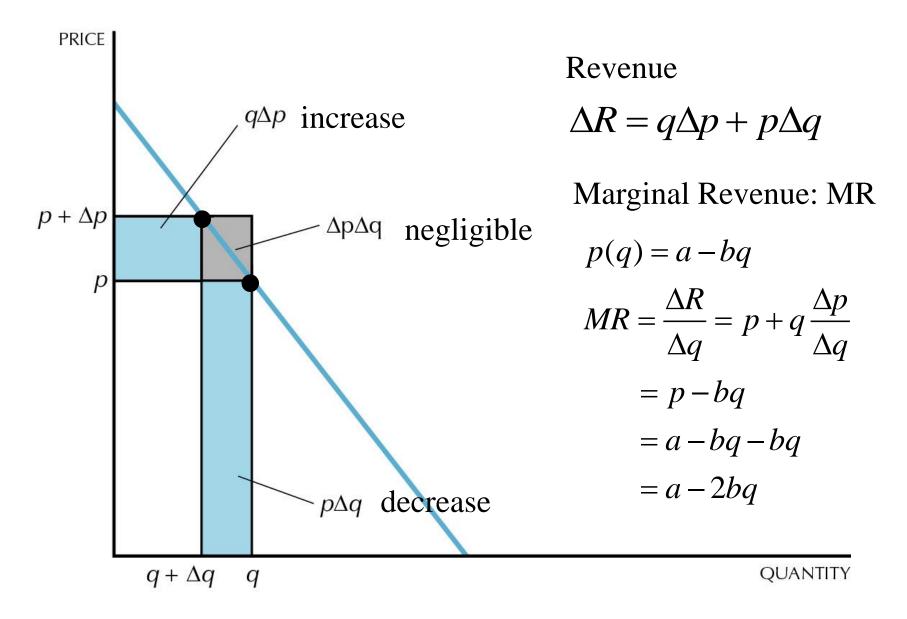


Monopoly

Monopoly: Only one firm in the market Monopoly firm can choose the level of <u>price</u> and <u>output</u>.



Revenue and Marginal Revenue



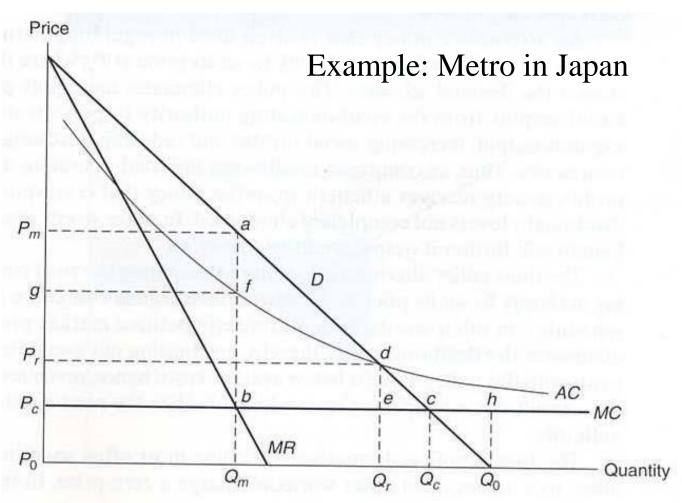
Natural Monopoly

Large fixed costs and small variable cost

Subsidy Regulation

e.g. **Public utilities** (roads, railway, bridges, gas, electricity)

Effect on Economies of Scale



Externalities

Goods, but not sold on markets (positive and negative)



Social Cost = private cost + impose on other agents

