	UNIT 11: MARKET SUCCESSES & FAILURES
	market determined prices > convey important economic
*	market determined prices > convey important economic
	mormation > organiling
	The bank place off off
\$ #	If these market - determined prices are capably of making
1 1 1	people fully account for their actions on others ->
	Outcomes are said to be efficient. When prices are
	not capture these external offers > MARKETS
1	FAIL > need PUBLIC POLICY MARKETS
#	externality when property rights and legal contracts are not complete
	are un complete
-wilely a	
#	Policies can be implemented to enable workers to
- la car	Polisies can be implemented to enable workers to Induce there to internalization of the external effect.
	eg: Pollulin -> entirality of prod"
	> Not a cost for producers
- 4.5	> Implement a pollutari tax.
#	Peniale could also sometimes help intendize this
	external effect
- diether it	well open handred about to the the
#	The enternal cost does not show up anywhere on
	the cost calculation of the private ferm.
	The territory with the second territory
#	there is a social dilemma here
- Walata A	no jon thrown 12 strong Plan duling the
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11.4 Prices are missages plus mottvations when markets work well prices capture the real scarcity of goods and surveys. 1. Phreis Coordinate specialization among complete stranges # prices contain information by provide incentive to act on this information 2. Are the prices sending the Hight signal? Cost of a good is measured by SOCIAL MARYINAL Social languish Cost, is the total cost of howing one more unit of the good, malriding cost of production, distribution, and the cost it imposes on others. due to its external effect. # Prisis could fail to reflect social marginal cost (i) Lack of competition -> then P> private marginal cost to the producer

(ii) Enternal effects that are costs -> eg, the regetive environmental costs effects.

(iii) Positive external effects

when prives give the wroney informat prod" processes that emit greenhan SMC SPMC by solder that chia want docto hamile a water show the many and agent ration (il) story or travelles

11.8 External effects and Private Bargaring # Amice fishirmen payning forms upto the pt-where SMC = P is better off for both, this could be a potential way of bolving market fartise # The fushimen and firms would negotiale a private bargain and it is called COASEAN BARGAINING. The two parties mivolved in the exchange often have more of the information necessary to mplement an efficient outronce them does the government. # Transcration costs: costs of bargaming, that purpede the bargaming process or the agreement of a contract eg: costs of arguming by amountain about the goods it be traded and costs of enforcing a contract. # Could think of not just property eights but of other rights such as hight to pollule, to be a good I that am he bargained over and traded in return for money. # lould private barganning solve the pesticide problem ?

118 External effects and Principle Compropries - the ferms have the property light to the madmery and firm that always it to pollule men k - This allocation, the associated find, income and even the environmental outromes represent the reservation options of the plantition finis and fishermen vespectivity. - The reservation ophonis is what they will if they do not come to some The area 6/w the PME and smc is the gams for the fishermen if prod's reduced to The fall in profit for fund when prod happens at B Instead of at A SMC gams for Wish When producing NAS PSVO BMC-PMC TO cost to forhim SMCMCZRAPAC

# Somice SMC-PMC > P-PMC, until B, the fall in profit for the firm < gain social social social gain gain to fishermen NET GAIN. # the loss of profit The minimum acceptable offer is the smallest offer the proposer can make that will not be rejected by the susponding. Here, the hundrum acceptable offer from the fishermen to the firm depends on what I the firms get in the emisting situation, which is their reservation profit => shown in the graph as loss of profit Offer, the fishing industry would arhieve a Nit game = net social gain

# The maximum the ficting industry would pay is determined by their neumation option which is area by PMC and SMC curve between A and B. # The compensation of the furies and fisherinen agree on completely depends on the banganing power of the two Sigal fleamtvork affects who benefit from solving the menket failine # Initial set up stating ferms have the eight to # Instead if the legal framework shifts such that from howe the light to clean water-# In preciple principle we would reach to the paretire efficient allocation visiblective who has the eights by the start. # However the two easis differ dramatically in who gamis and losses when the mentet fuline It's plantetion every agricul be that whitehouse decreey take of the patent making marched definite game = very land game

why would private of bargains not work 1. Unipediments to collecture action 2. missing information 8. Tradatoility and legal enforcement 4. Limited funds. The polluter pays principle + Marginal private benefit! The benefit (in time of profet or lutility ) of producing or consuming an additional unit of a good for the individual who desides to produce or consume it not taking into account any benefit veceived byothers + Marginal social benefit: The benefit (in time, withing of producing or consumy an additional with account the benefit to the lindividual who decides to produce or consume it and benefit to anyone else affected by the same. of pay be kepper to produce Constant P/kg > P= PMC point -MSB as long as

and alo, me who madre P= PMB Learne If prod of from A to A+8 less for ble farmer = Mc-PM farmer = MC-PMB freutmatest = SMB-PMB produce as long as MC-PMB < SMB-PMB => MC <BMB Pr. MYB

Enternal effects! Government prices and income The distributional temporates of each of these princis are different. Regulation: -> difficult if multiple funi -> leduce the costs of pall f -> profits of finish Taxatmi MSC this amount of taxation is a la known as the Pigouvian tax

11 a tentered them forement there were Pigouvian tax is a tank levid on artivities that generate negative enternal effects do as to correct our inefficient market outcome (fishinen Timione, funds & the profit more from regulation, fort Treven external effect. I govian subsidy for the Compensation Plantation owners pay substity to compensation = MSC - MPC then the MC for fermis = MSC
fishermen better man tax as they receive
compensation & not government, fruits dang Defficillies in taxation, regulation, and compensation (1) Not having complete Information about the degree (2) MSC difficult to measure (3) lobbugning power # Incomplete contracts

# Missing Menkets # Public goods - extreme form of external effects # Non-growd goods -> set MC =0 to provide

# Non- Hval gords - Shappering, RAD Non-reval good use can be excluded > copyrights > artificial scarcity Can be excluded for hom- lival goods Public goods generally mm-Common pool sesurces: Rival but mon exchedeble Non-rival but excludable Non-rival Rival excluduble pollutioni, convironme miomplete markets/Market

11 Non much goods & tappioning (4) Mc of an additional user is zero mm - excludable resonrces - Asymmetric info - moral hazard while the day fores hid exchalab Put goods mm - exchitalis CRUM MARINA AT MILL GOODS houngale maylets