



DARI ANALISIS FINANSIAL KE ANALISIS EKONOMI

Sumber-sumber distorsi harga

- Imperfect competition
- Externalities
- Imperfect information
- Government intervention
 - Border distortion (tariff)
 - Domestic distortion (UMR)

Contoh Perbedaan Analisis finansial dan ekonomi

- Biaya BBM
- Penggunaan Lahan
- Pajak dan Subsidi
- Pelunasan Hutang/bunga



Economic Activities (or Projects)

- To generate consumption
- To create final goods
 - Benefit perspective
 - Cost perspective
- Willingness to pay
 - At the time the consumption take place (benefit)
 - Alternative final goods 'would' have produced (cost)

Cash flow vs income statement format

- Income Statement format
 - Depreciation: over years, not when the resources are tied up
 - Amortization: intangible assets (patents, licenses) valued over years
 - Resource depletion expenses: no left over
 - Inventories are costs
 - Inventories are real flows (needs inputs to produced)
 - No values until they are consumed
 - Only explicit costs (not implicit)
- Cash flow format
 - Fully cost all production, but
 - Value the production only when it is sold

Cash vs Real transaction

- Nominal vs real
- Real could be in \$
- Resource flows vs transfer payments
 - When the currency flows is different from the actual resource flow, the difference is 'transfer payments' (moving left to right hand)



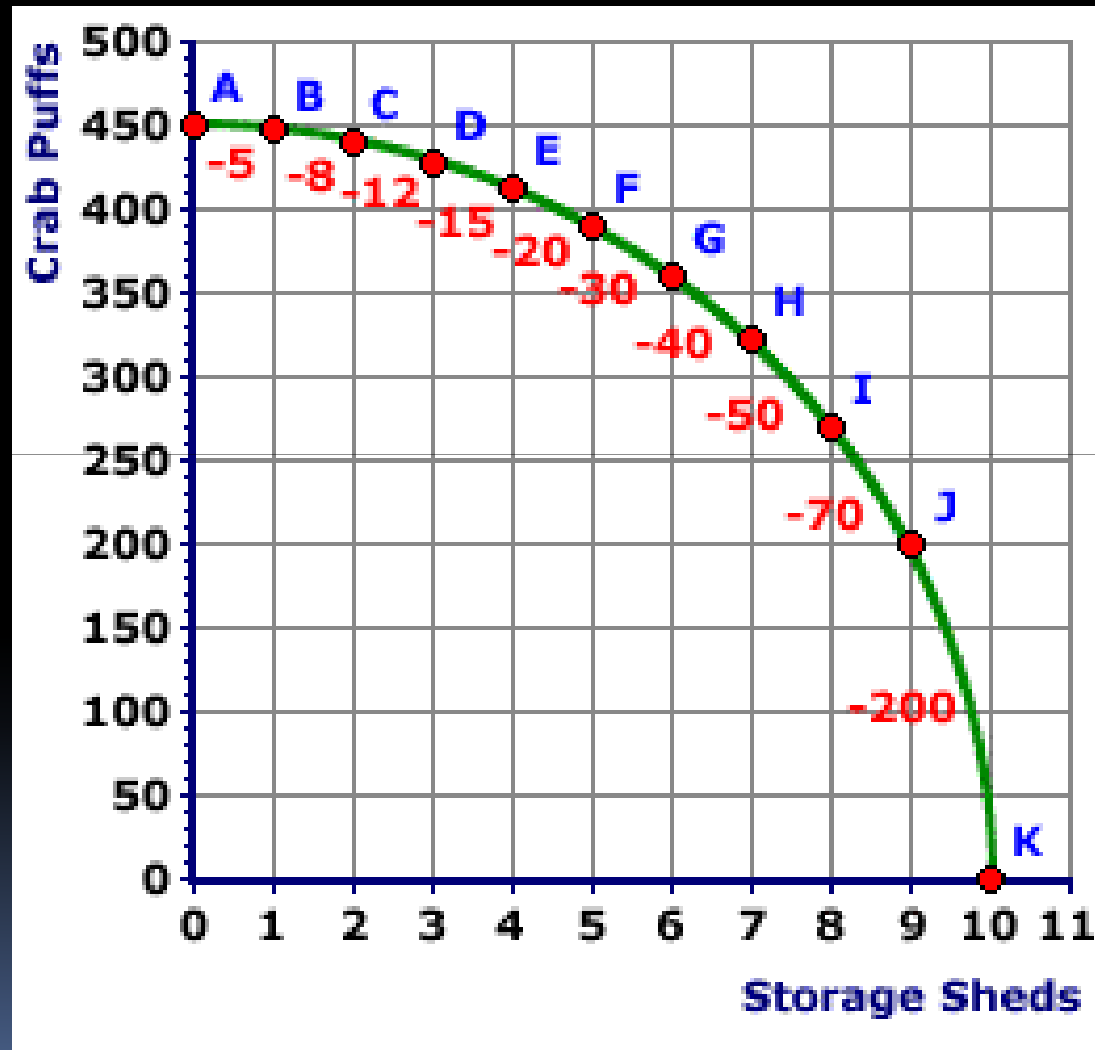
Explicit and implicit cost

Explicit Cost: Out of pocket
(traditional financial
statements)

Implicit Cost: = Opportunity
cost, real costs.



Opportunity cost and PPF



Explicit vs Implicit cost

Without Project

Inflows

▪ Beans	200
▪ Maize	300
▪ Lettuce	80

Outflows

▪ Seeds	5
▪ Fertilizer	10
▪ Pesticides	2
▪ Plowing services	5
▪ Hired labour	25
▪ Other inputs	10
▪ Net cash flow	523

With Project

Inflows

▪ Beans	280
▪ Maize	350
▪ Lettuce	120

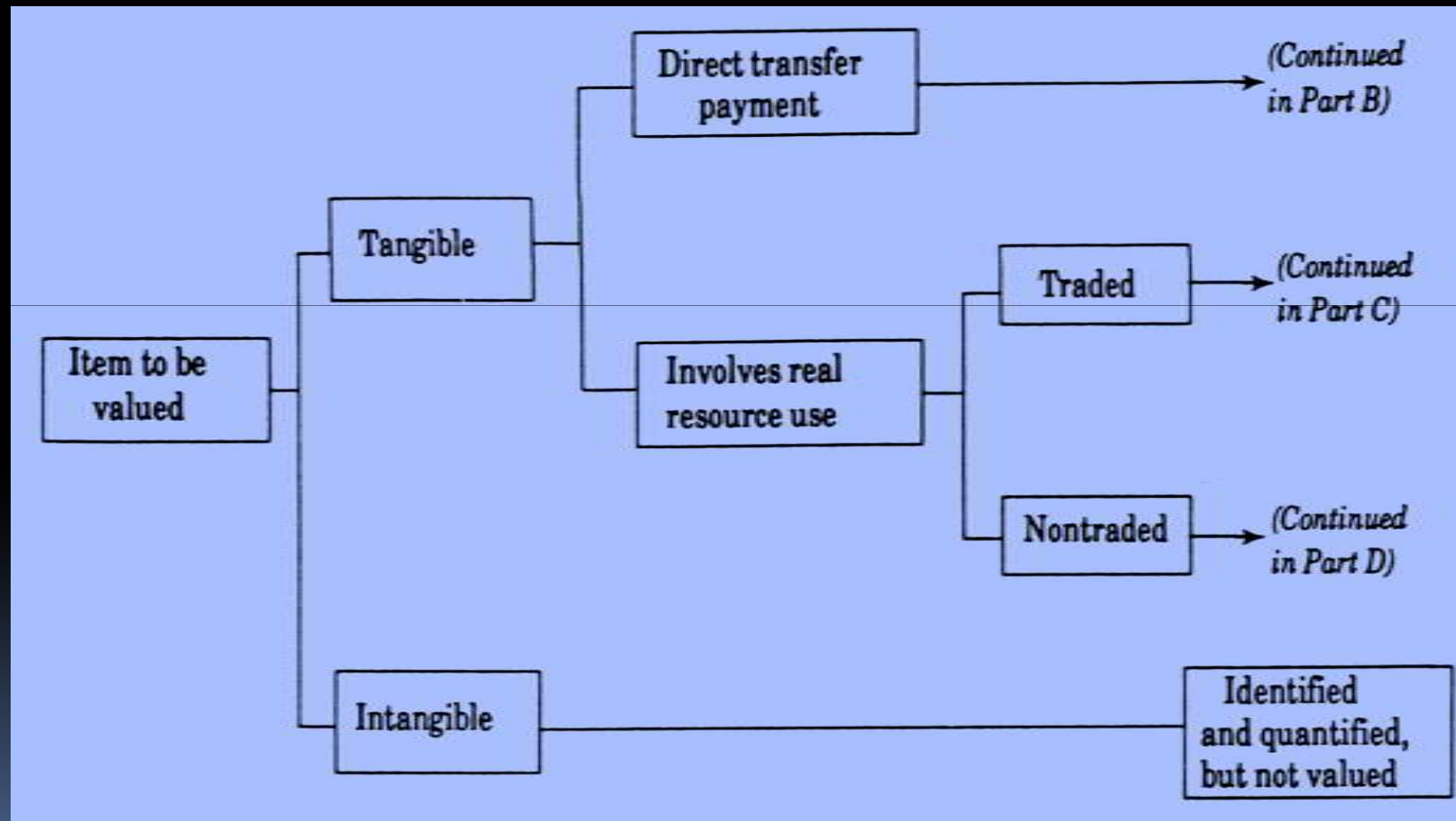
Outflows

▪ Seeds	15
▪ Fertilizer	25
▪ Pesticides	20
▪ Plowing services	10
▪ Hired labour	40
▪ Other inputs	10
▪ Net cash flow	630
▪ Without Project	-523
▪ Incremental net cash flow	107

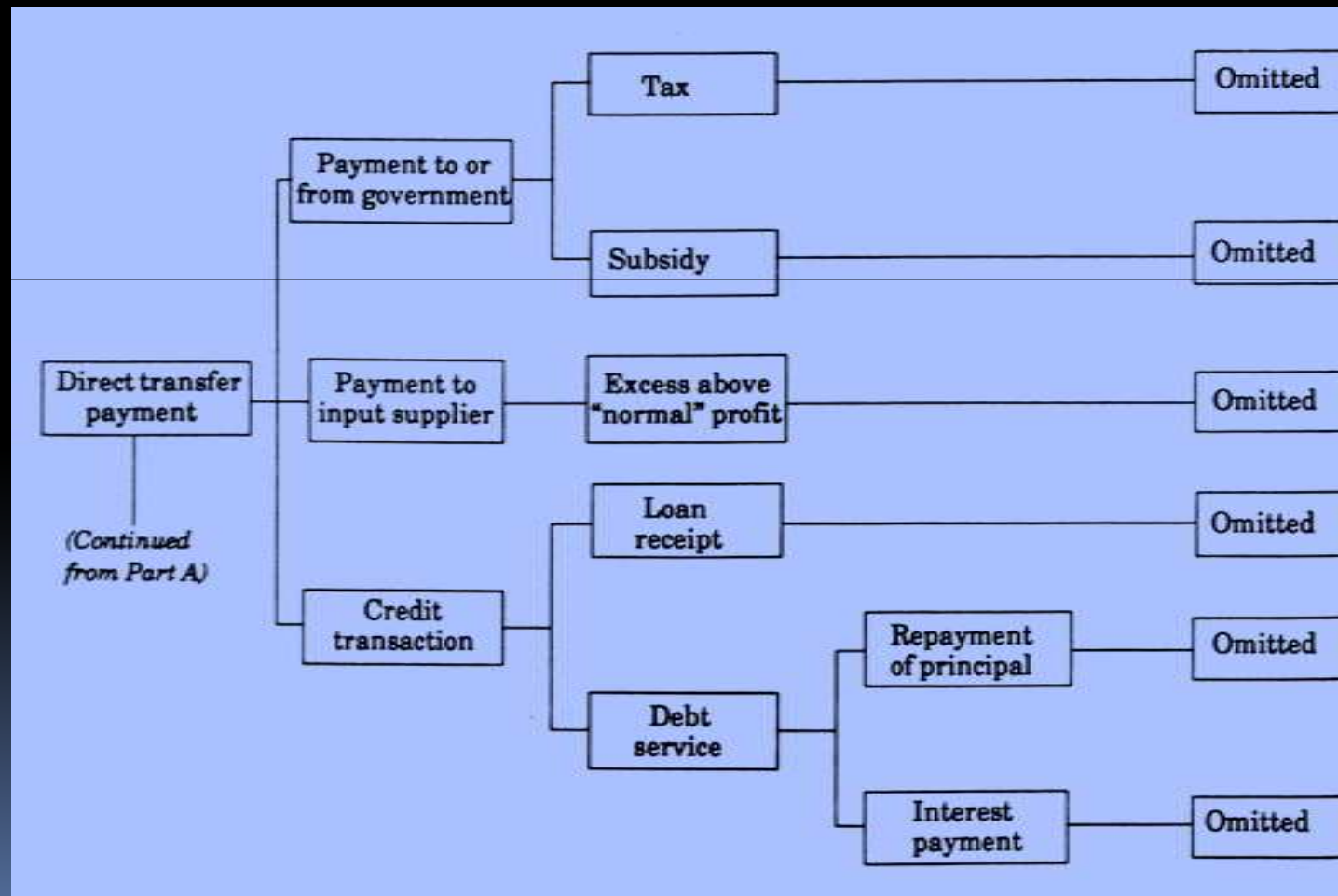
Shadow Price, Accounting Price, economic value

- Objective:
 - Develop a measure of real resource flows which exclude 'transfer payments'
 - Show them in units of our numeraire

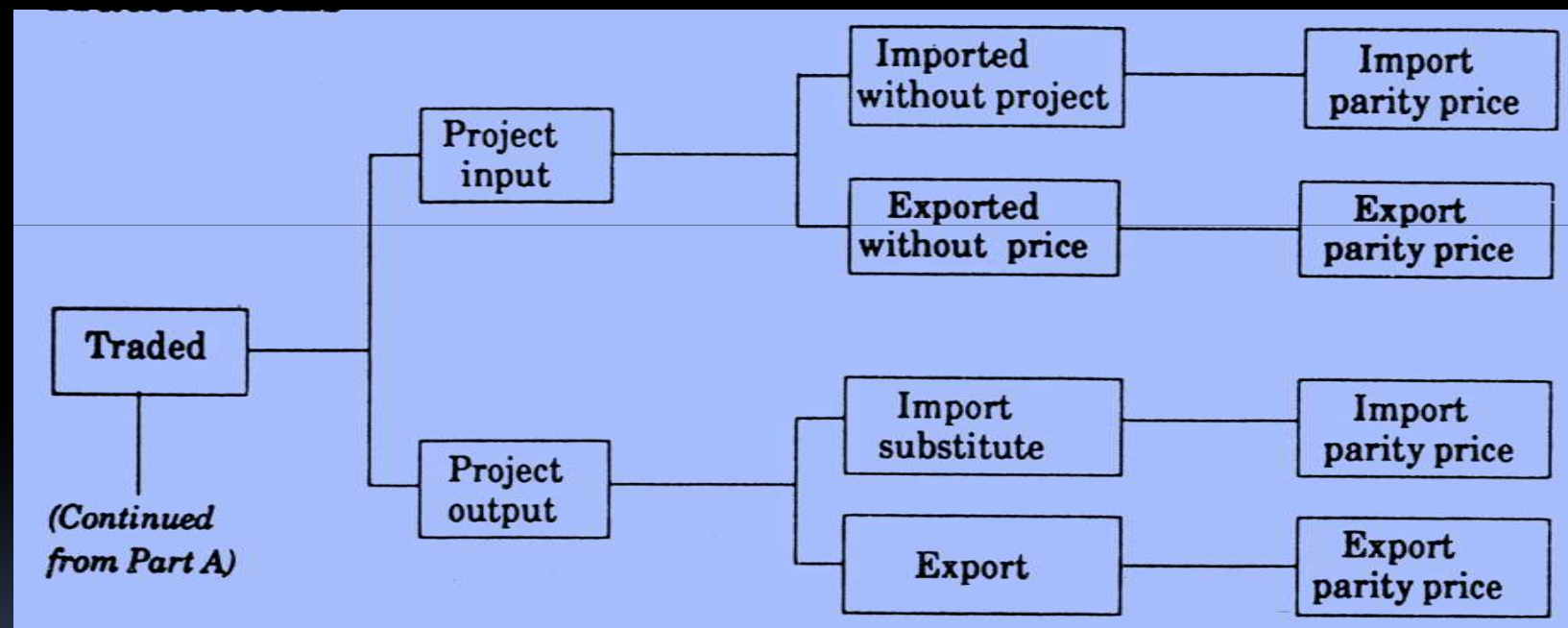
Decision Tree For Determining Economic Values : Major Steps



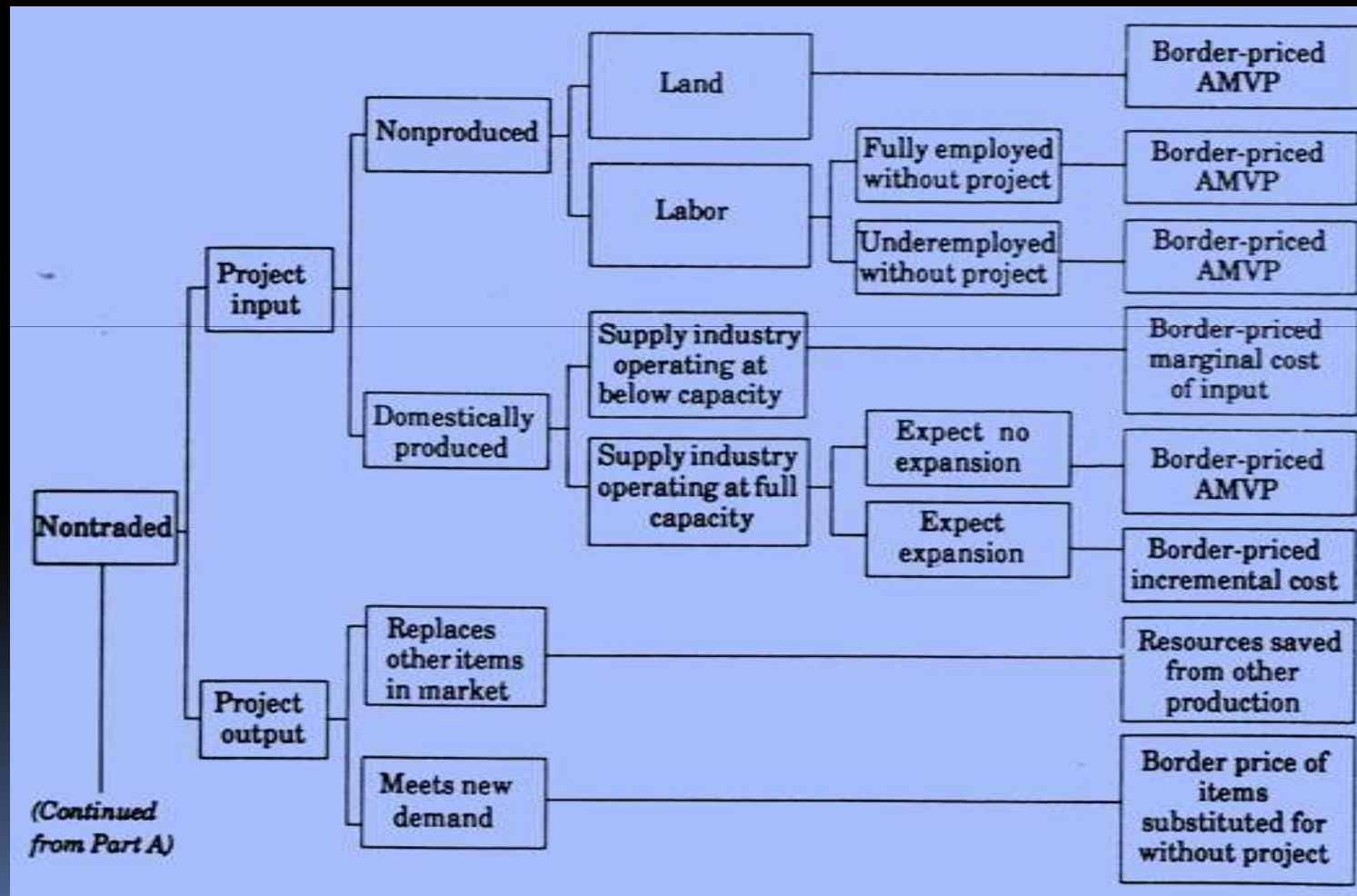
Decision Tree For Determining Economic Values : Direct Transfer Payments



Decision Tree For Determining Economic Values : Traded Item



Decision Tree For Determining Economic Values :Non Traded Items



AMVP= Alternative Marginal Value Product

