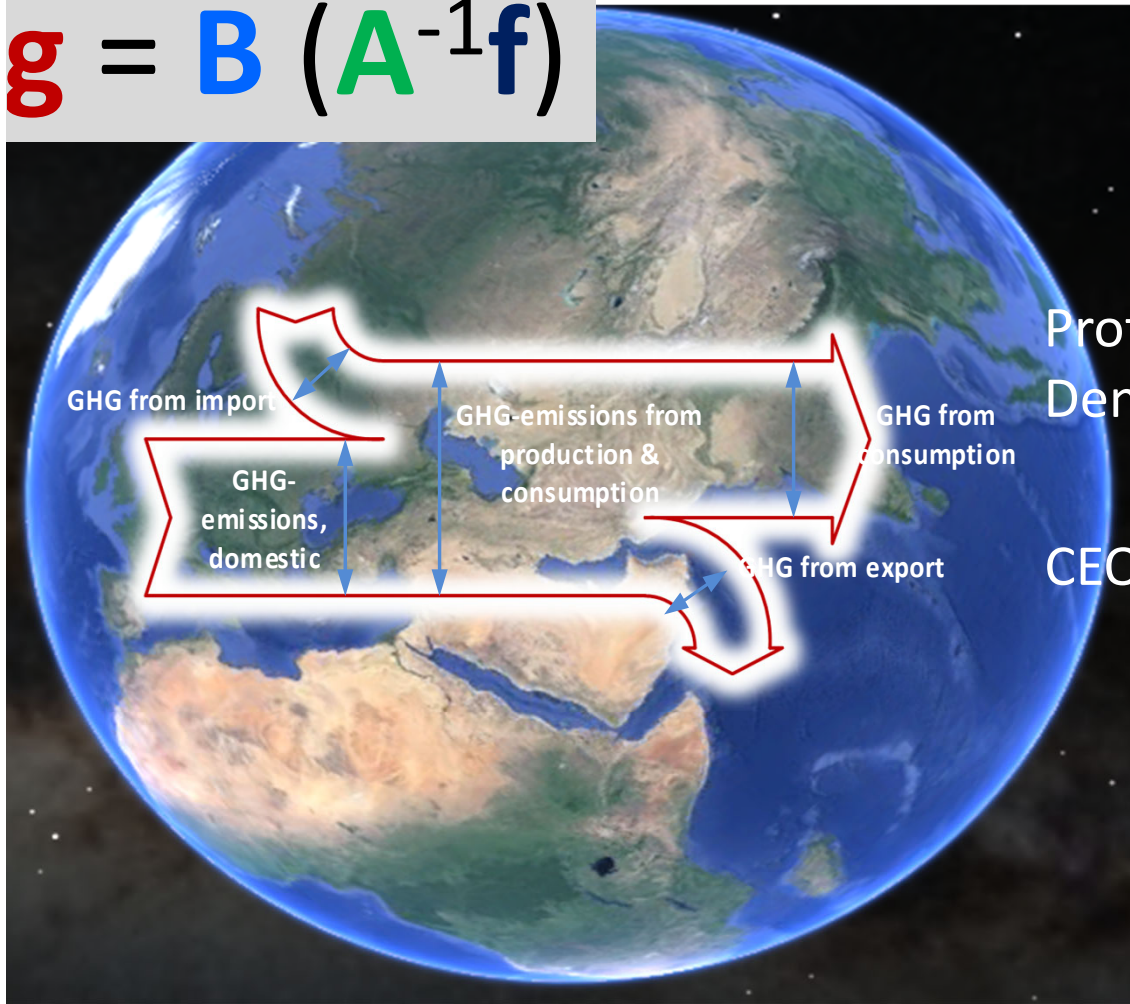


# Input-output modelling

Basic and purchaser's prices and the role of markets

$$\mathbf{g} = \mathbf{B} (\mathbf{A}^{-1} \mathbf{f})$$



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Updated: 3<sup>rd</sup> April 2022

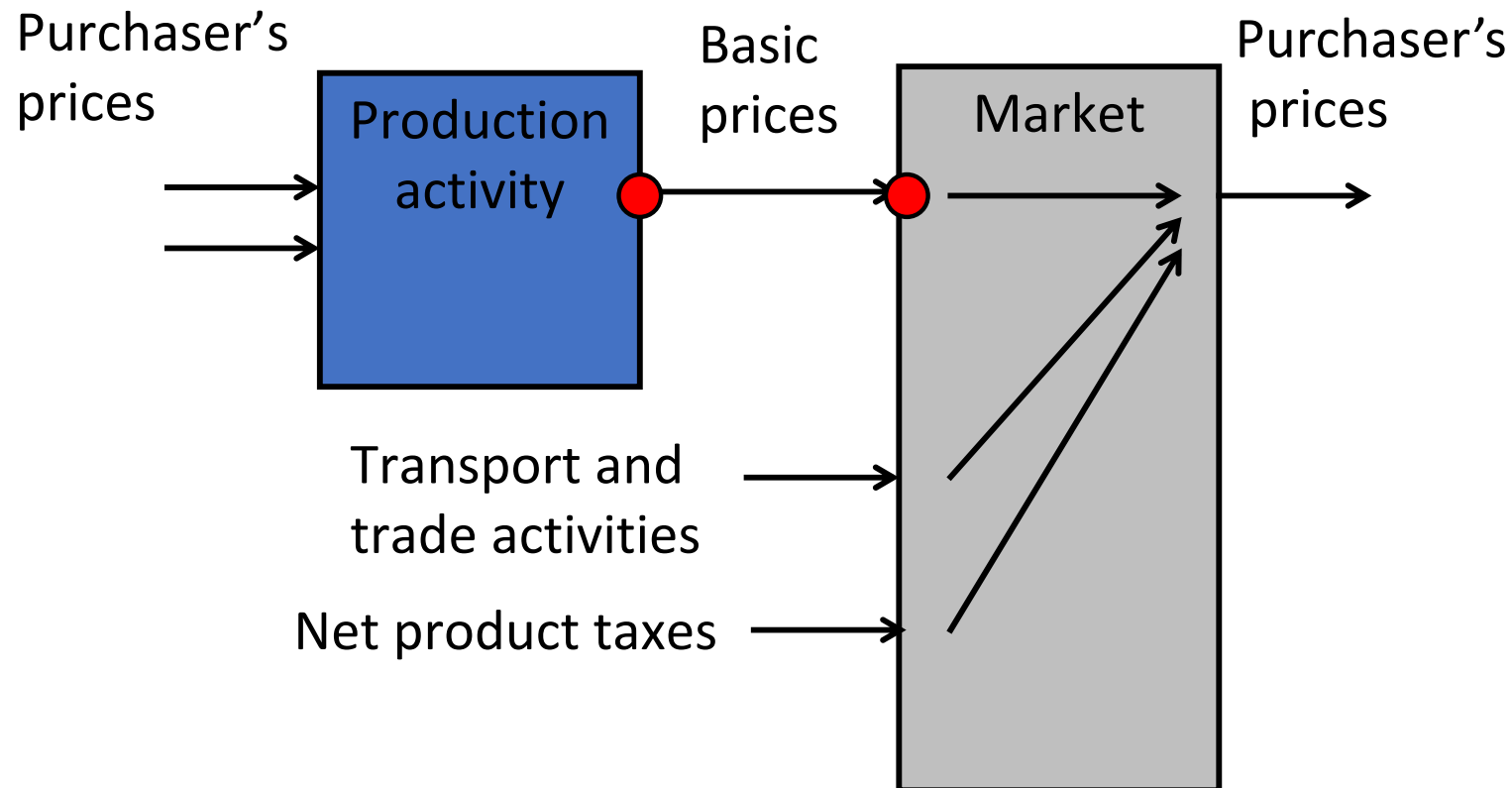


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DENMARK

# Agenda

- 
- What is basic and purchaser's prices?
  - How to handle the basic-purchaser's price via markets in the SUT framework?

# Basic and purchaser's prices



# Purchaser's and basic prices in raw SUTs

- **q** is in purchaser's price
- **U** => purchaser's price
- **V'** + valuation => purchaser's price
- Before making IO model:  
Important to ensure that the same flows are accounted in same unit:
  - transform **U** to basic prices<sup>1</sup>, or
  - handle purchaser's and basic prices via markets

Balanced MSUT	Activities	Import	Final use	Export	Valation	Total
Products	V'	N			Valuation	q
Total	g					

Products	U					
Primary production factors	Labour costs					
	Net taxes					
	Net operating costs					
	Rent					
Total	g					

y	E	q
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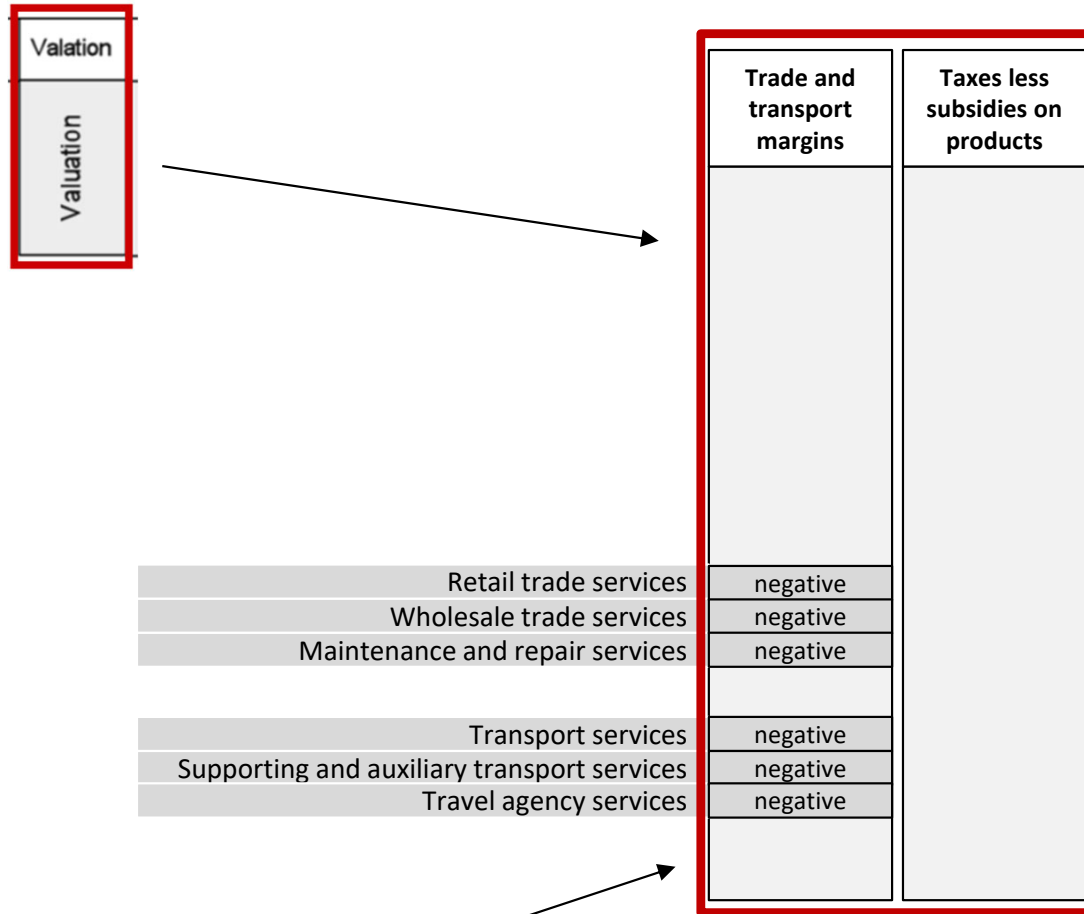
Purchaser's price = basic price + trade and transport margins + taxes on products

## 1) Methodology and procedure:

Schmidt J, Weidema B P, and Suh S (2010), *Documentation of the final model used for the scenario analyses*.


Deliverable 6-4 of the EU FP6-project FORWAST. <http://forwast.brgm.fr/>

# What is inside the valuation column?



Negative numbers: Trade, repair and transport services  
 Positive numbers: Other products

# Agenda

- 
- What is basic and purchaser's prices?
  - How to handle the basic-purchaser's price via markets in the SUT framework?

# Making the purchaser's to basic price conversion transparent in the SUT framework

## - by introducing markets

