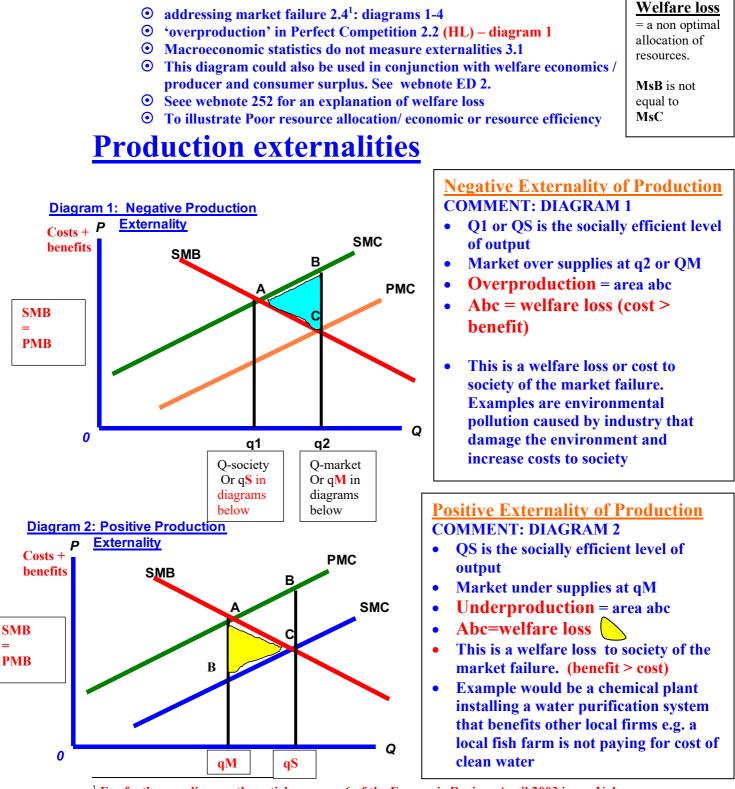
### **4 Diagrams you need for Externalities**

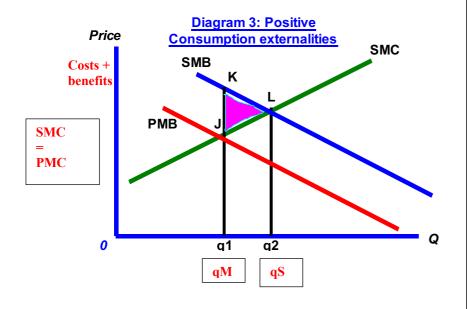
(4 uses of the MsB/MsC diagram) How to draw the diagram correctly? See the 'blue box' in webnote 224.



<sup>1</sup> For further reading see the article on page 6 of the Economic Review, April 2003 issue, Volume 20, number 4. Title is <u>Externalities</u>

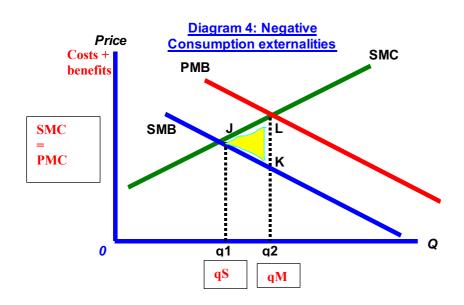
# **4 Diagrams you need for Externalities**

# **Consumption externalities**



#### COMMENT: DIAGRAM 3

- Q2 / qS is the socially efficient level of output
- Market under supplies q1 / qM
- **Underconsumption** = area of jkl
- Jkl = welfare loss; (benefit > cost)
- This is a welfare loss to society
- Could apply to education (society benefits from educated individuals) and health care (avoiding an epidemic) in an LDC or to the construction of beautiful buildings that enhance the local environment



#### **COMMENT: DIAGRAM 4**

- Q1 / qS is the socially efficient level of output
- Market over supplies q2 / qM
- **Overconsumption** = area of jkl
- Jkl = welfare loss; (cost > benefit)
- This is a welfare loss to society
- Example would be an individual listening to loud music that affects local neighbours
- Demerit goods e.g tobacco, drugs