



Case Study and GHG estimation process in Industrial Processes and Produce Use

- The Exercise and Group Work -

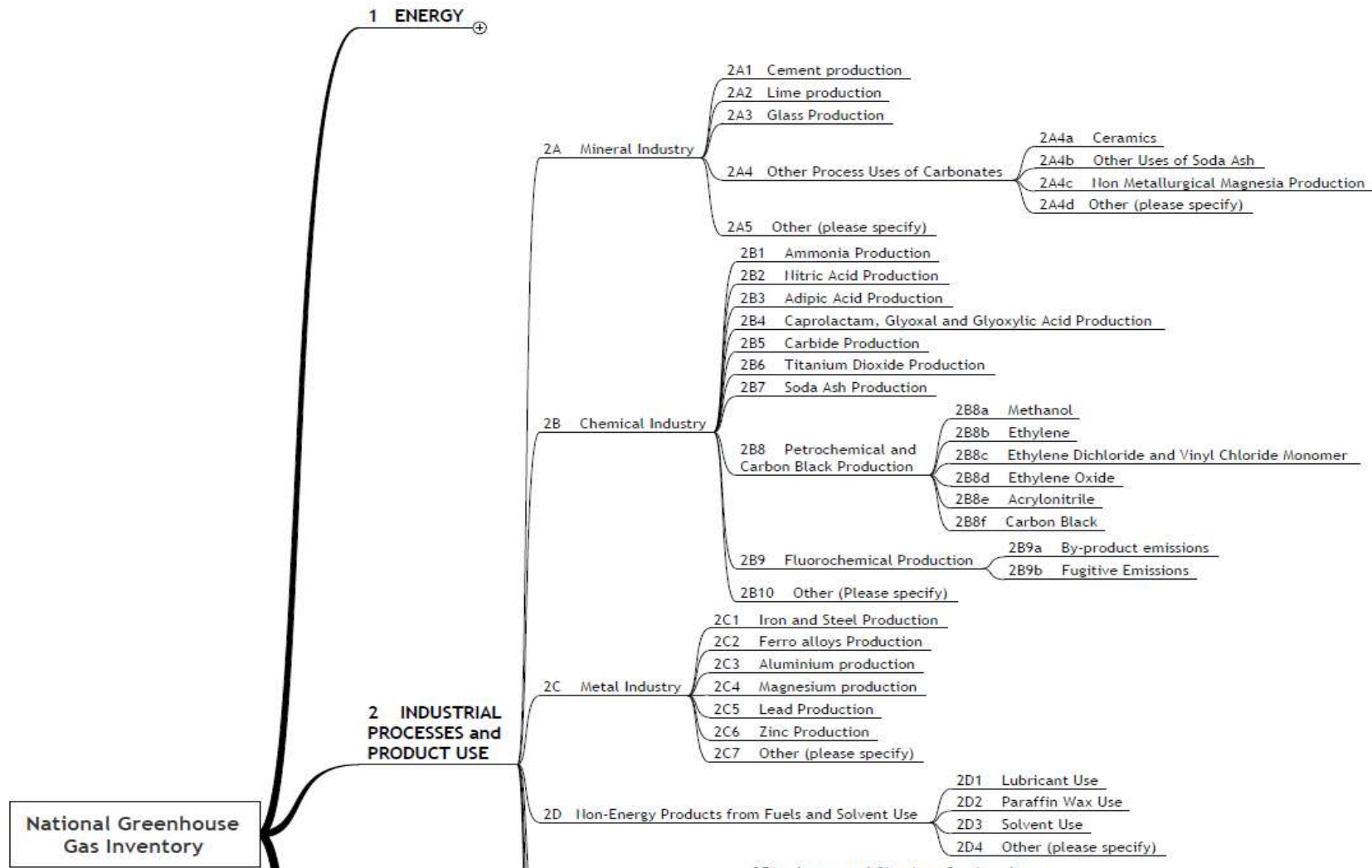


Exercise 1

Q. What kinds of main industries does your country have?

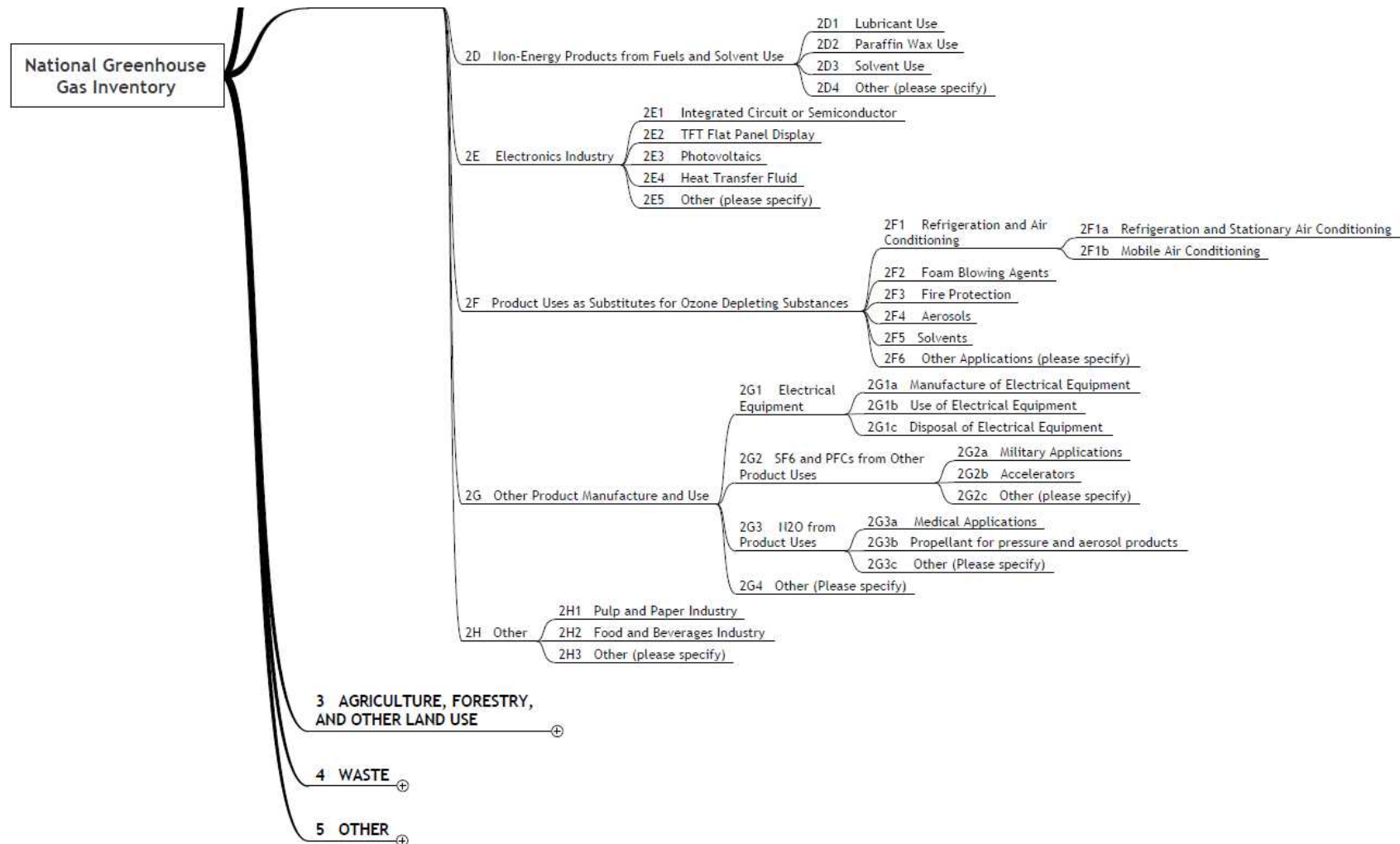


The IPPU Sectors (1/2)





The IPPU Sectors (2/2)





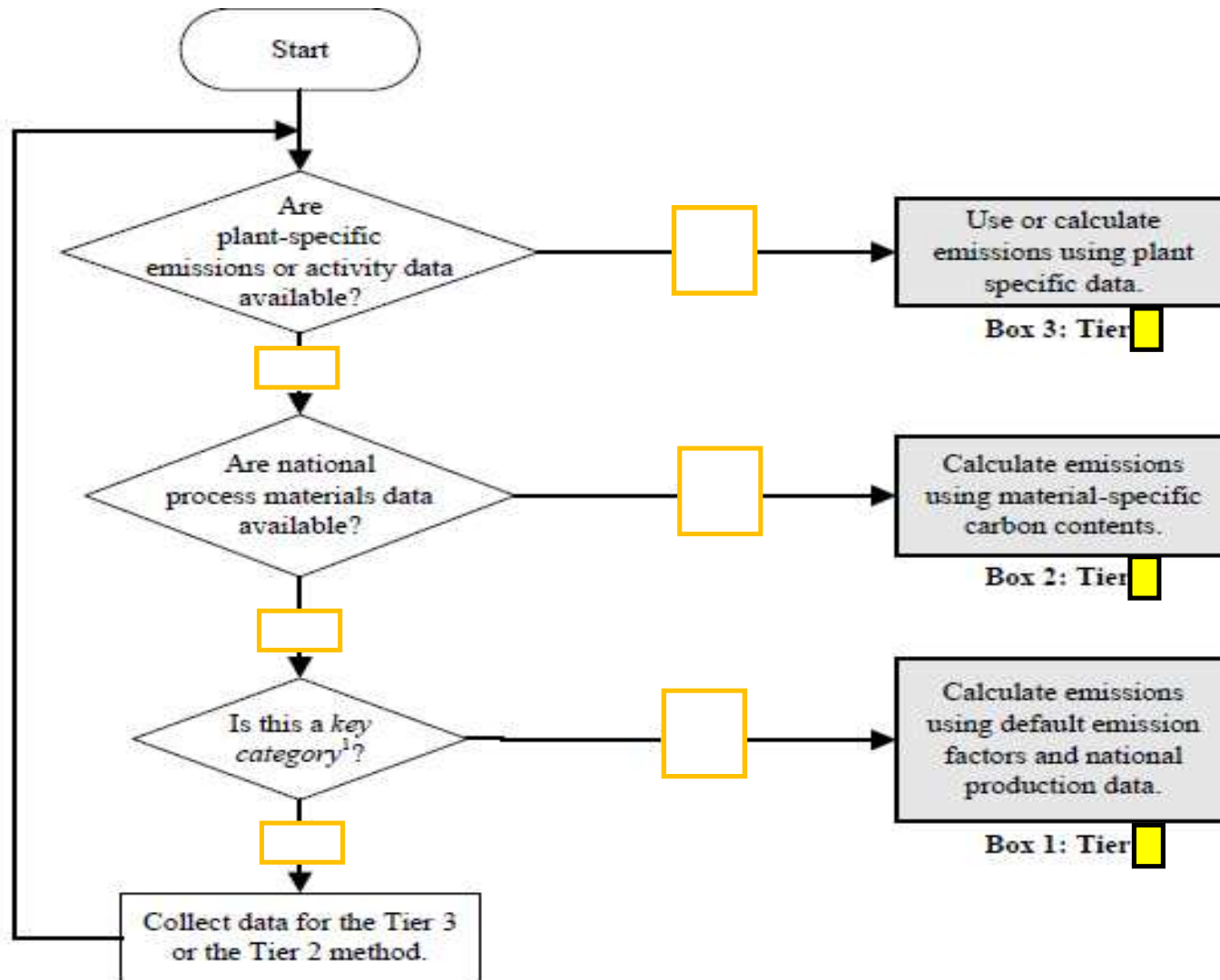
Exercise 2

- **Understanding the concept of Tier in GHG Inventory**



Exercise 2

- 1) Insert "Yes" or "No" in the
- 2) Insert the appropriate tier in the





Exercise 3

- **What is the Emission Factor of electricity of your country?**
- **If the electricity consumption of your country is 100 TWh in year 2020, what is the GHG emission caused by?**



Exercise 4

- **Understanding the concept of Bank and Product Use Emissions**



4-1) Calculate the Bank and the Emissions of HFC-134a in year 2001-2005.

4-2) Convert the emission into CO₂ eq. (cf. GWP of HFC134a = 1,300).

1. Activity Data					
1.1 Imported Amount (Unit: ton)					
Year	2001	2002	2003	2004	2005
HFC-134a Production	100	200	300	400	500
HFC-134a Import	20	40	60	80	100
Bank					
Emission (HFC-134a)					
Emission in CO₂eq.					