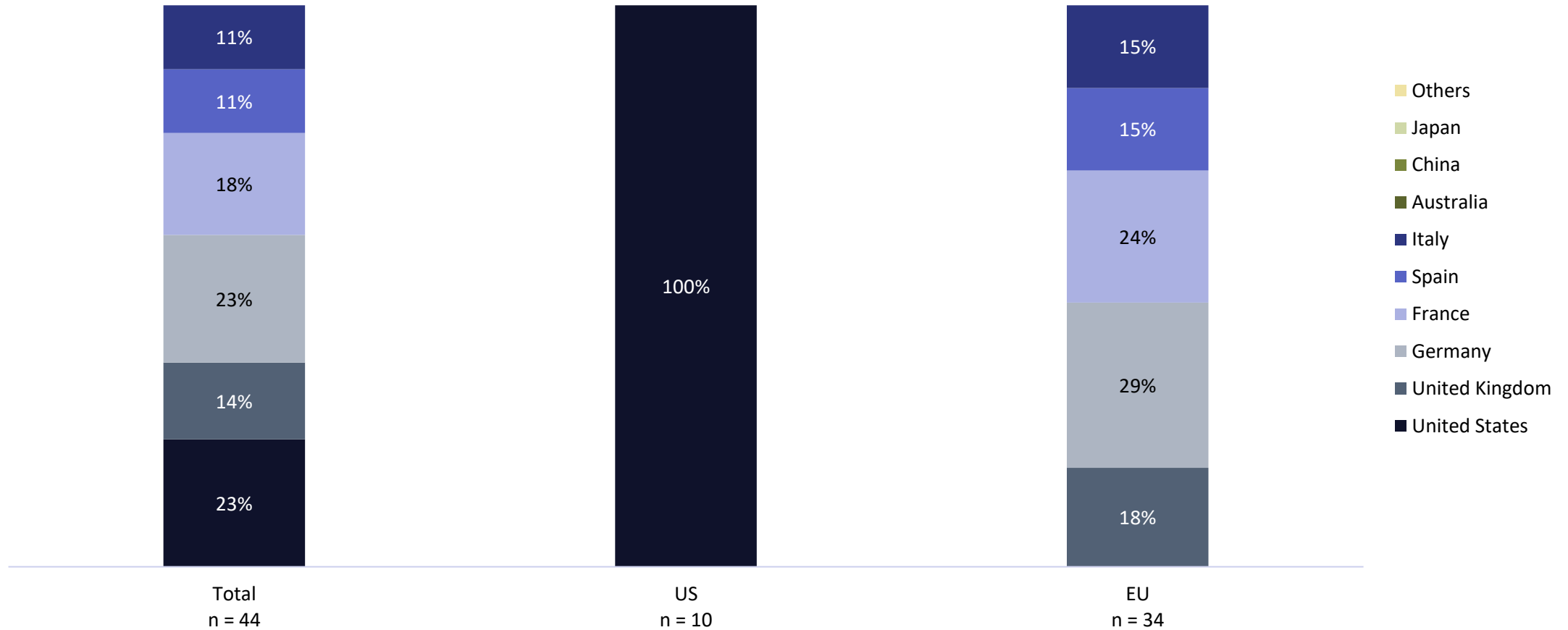


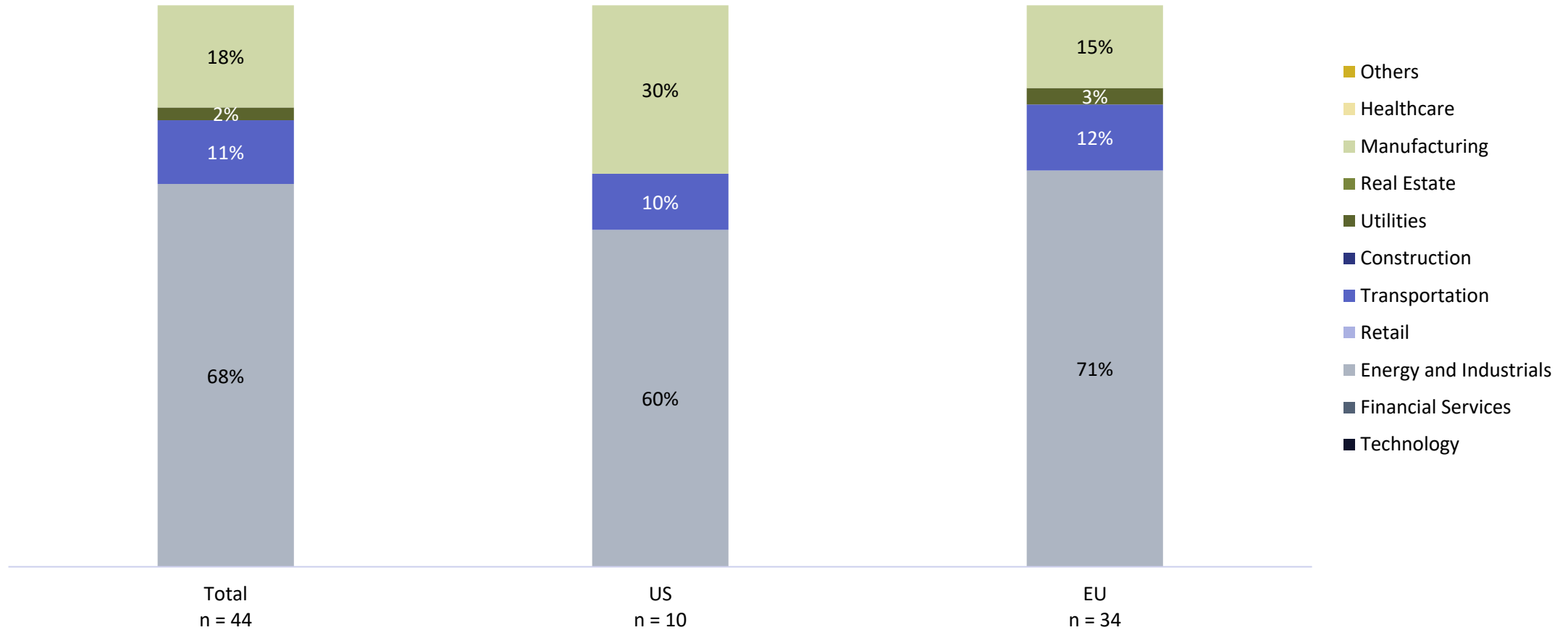
Network Survey – Hydrogen Usage

October 2020

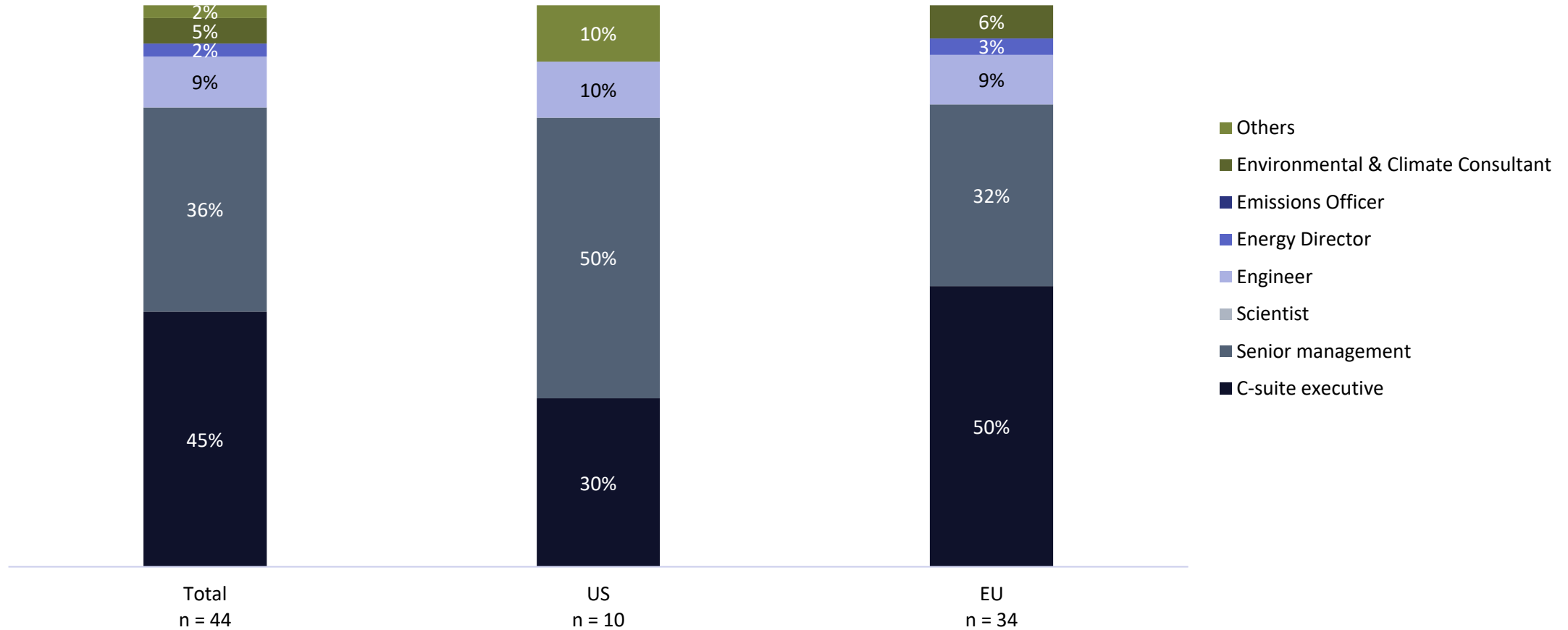
S1: Where are you currently based?



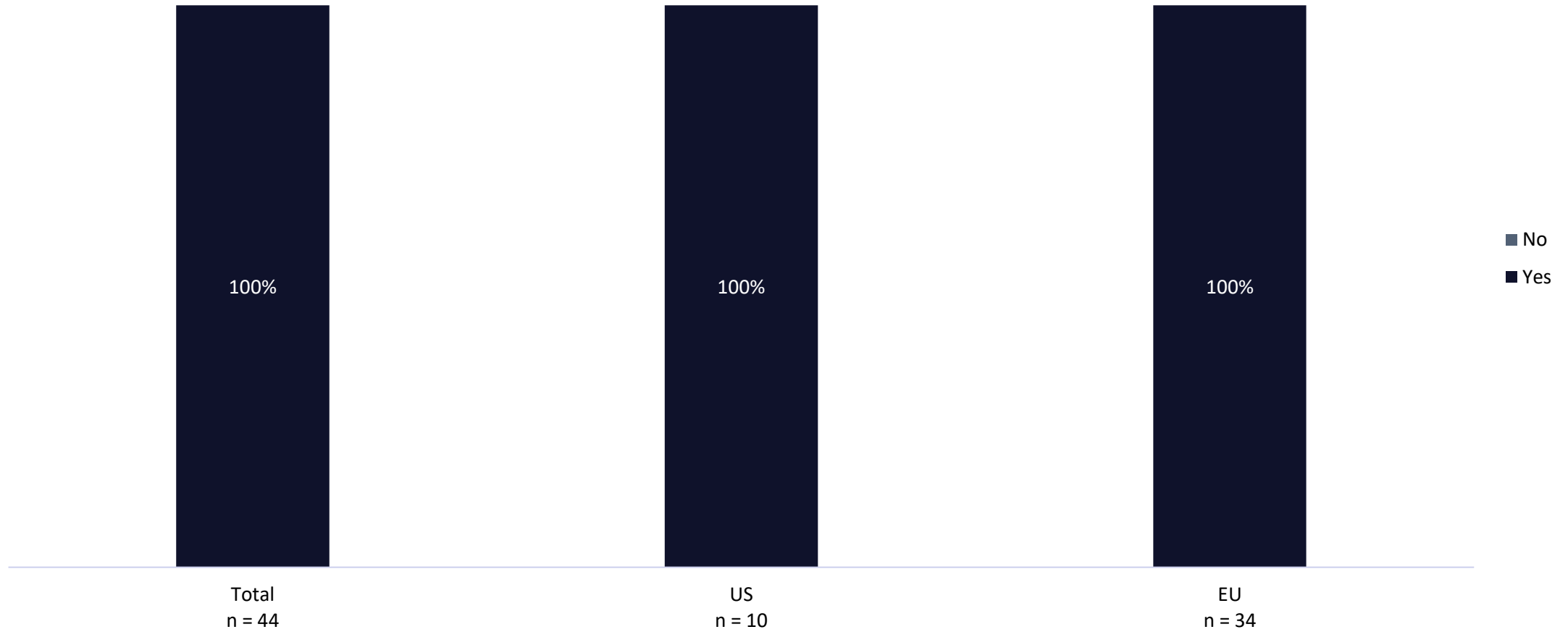
S2: What industry are you currently working in?



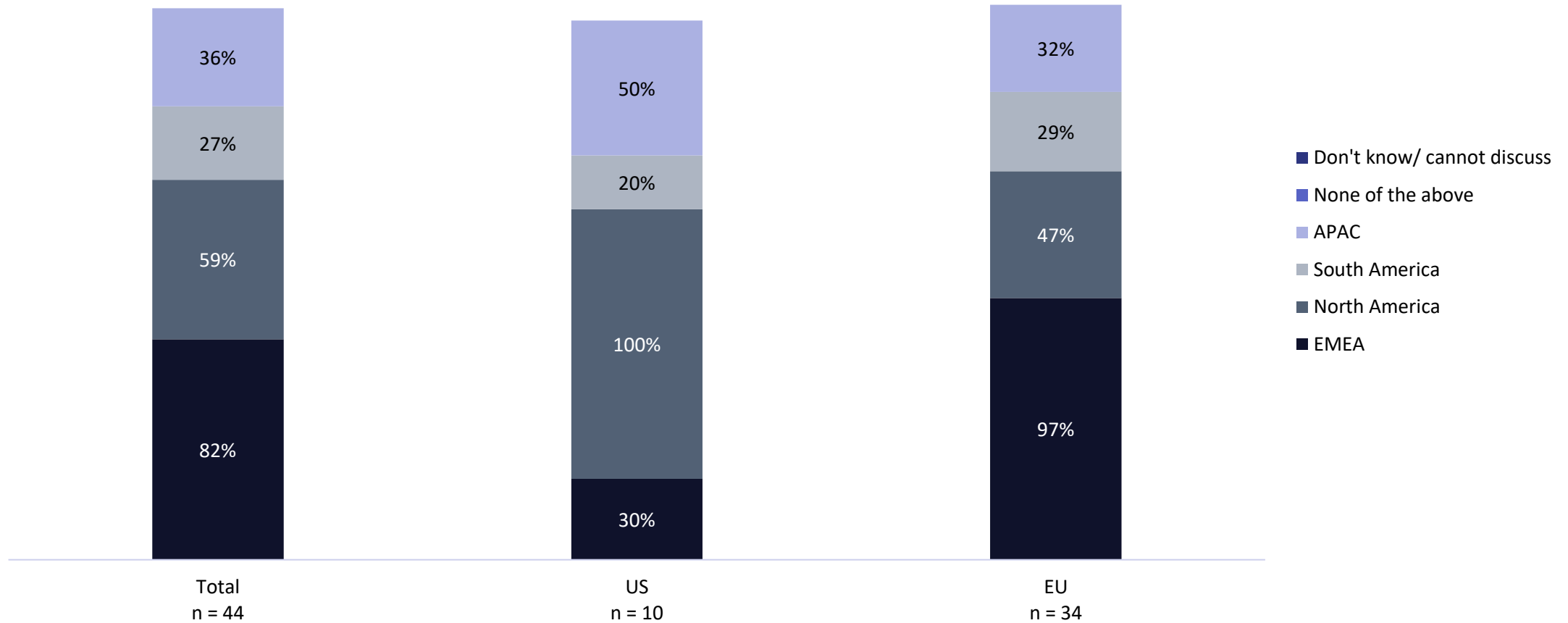
S3: What best describes your role?



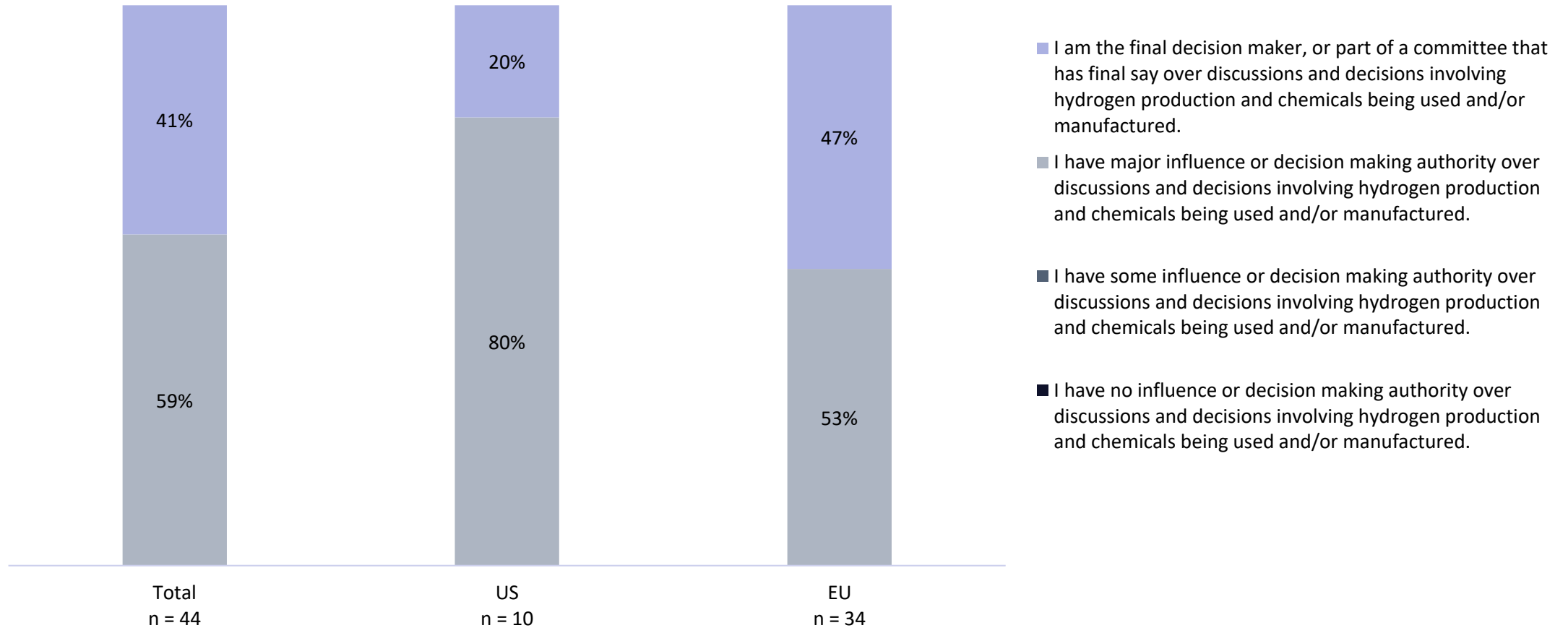
S4: Do you have knowledge about hydrogen production?



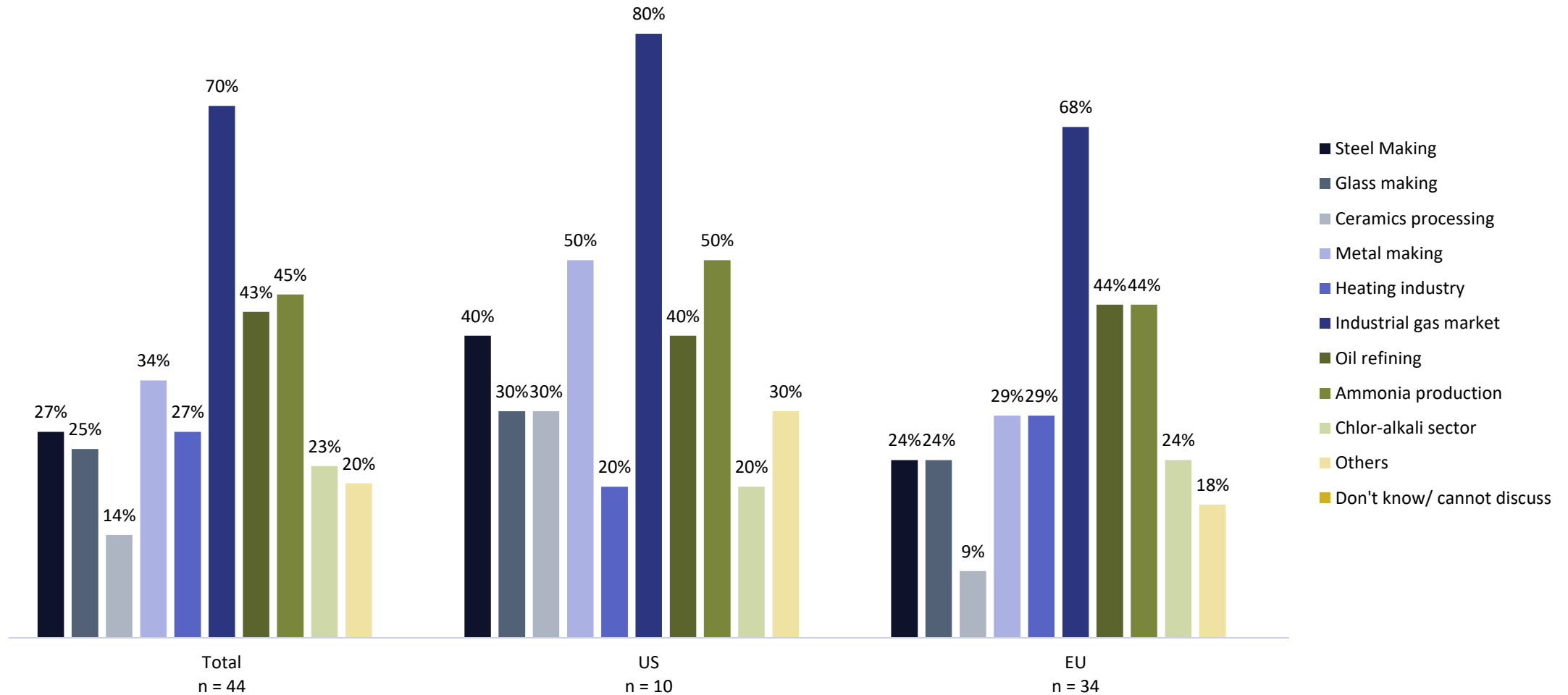
S5. Within which of the following regions are you knowledgeable about hydrogen production?



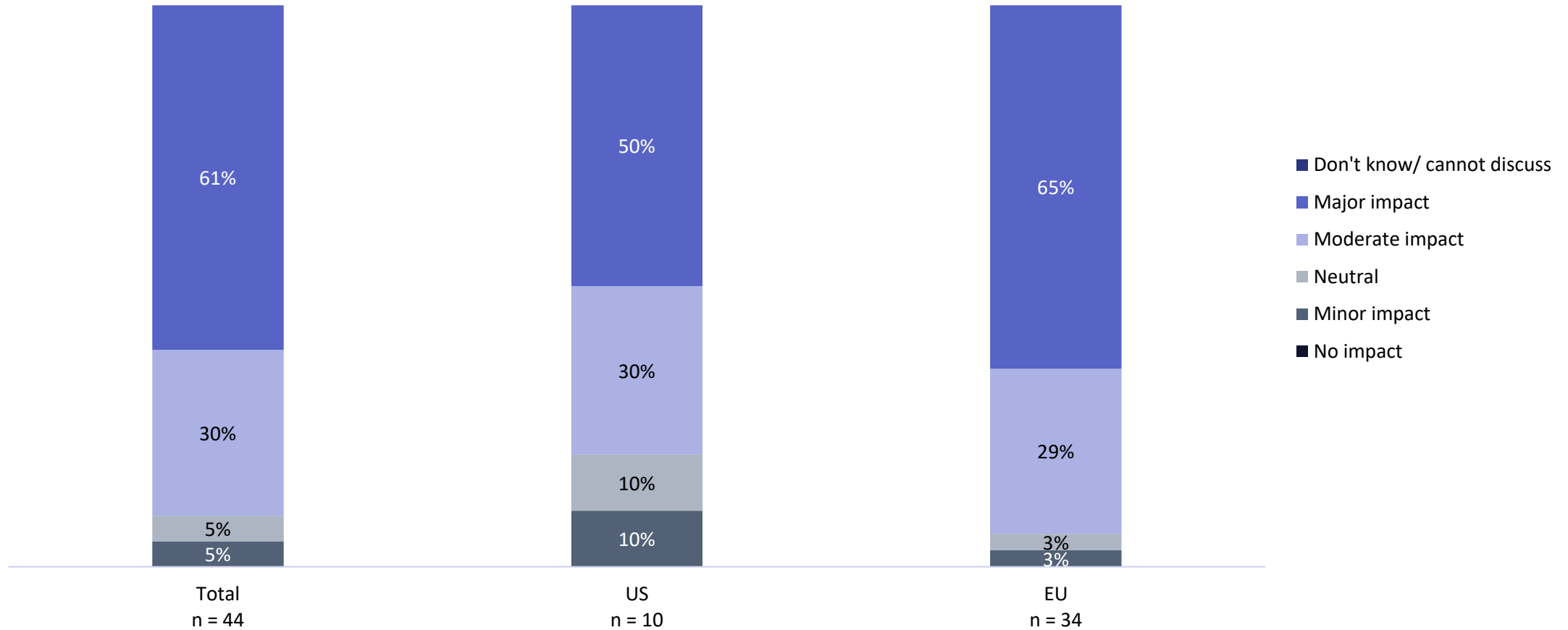
S6: Which of the following statements best describes your overall influence and decision-making authority when it comes to hydrogen production?



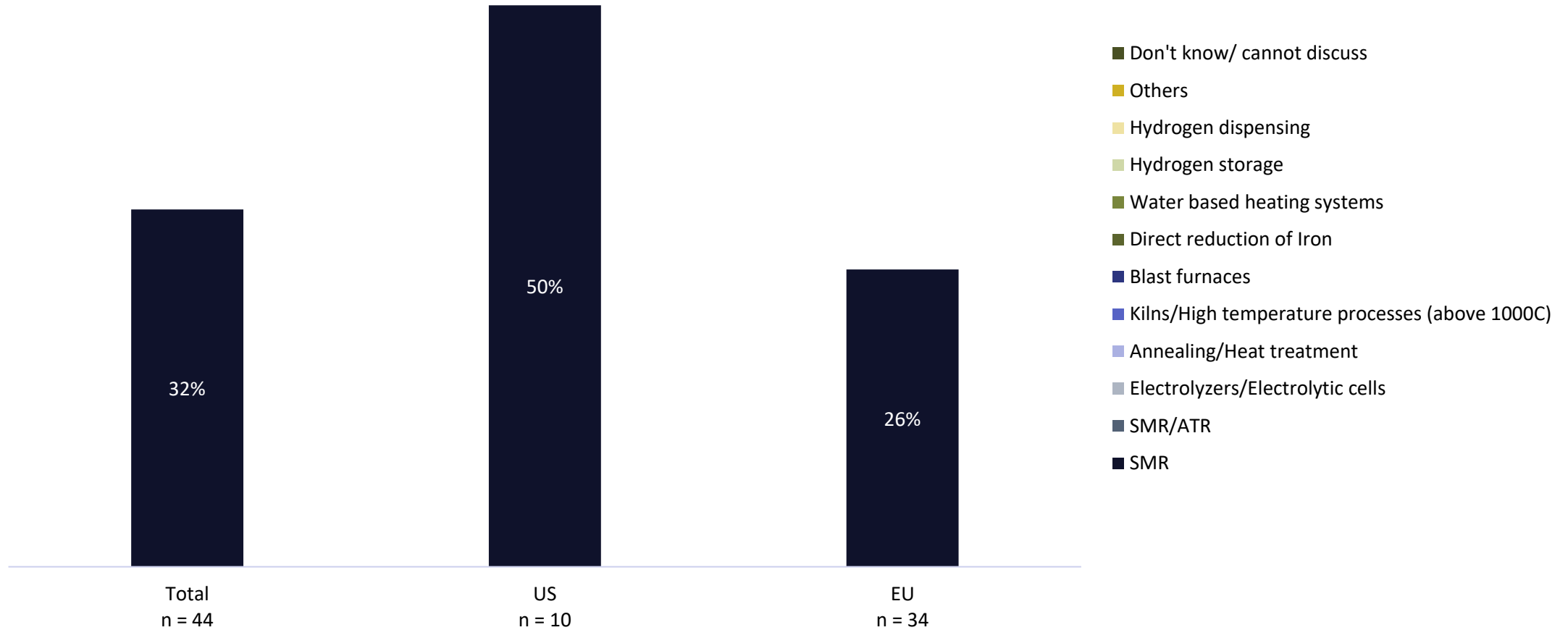
Q1. What industrial markets are you knowledgeable about?



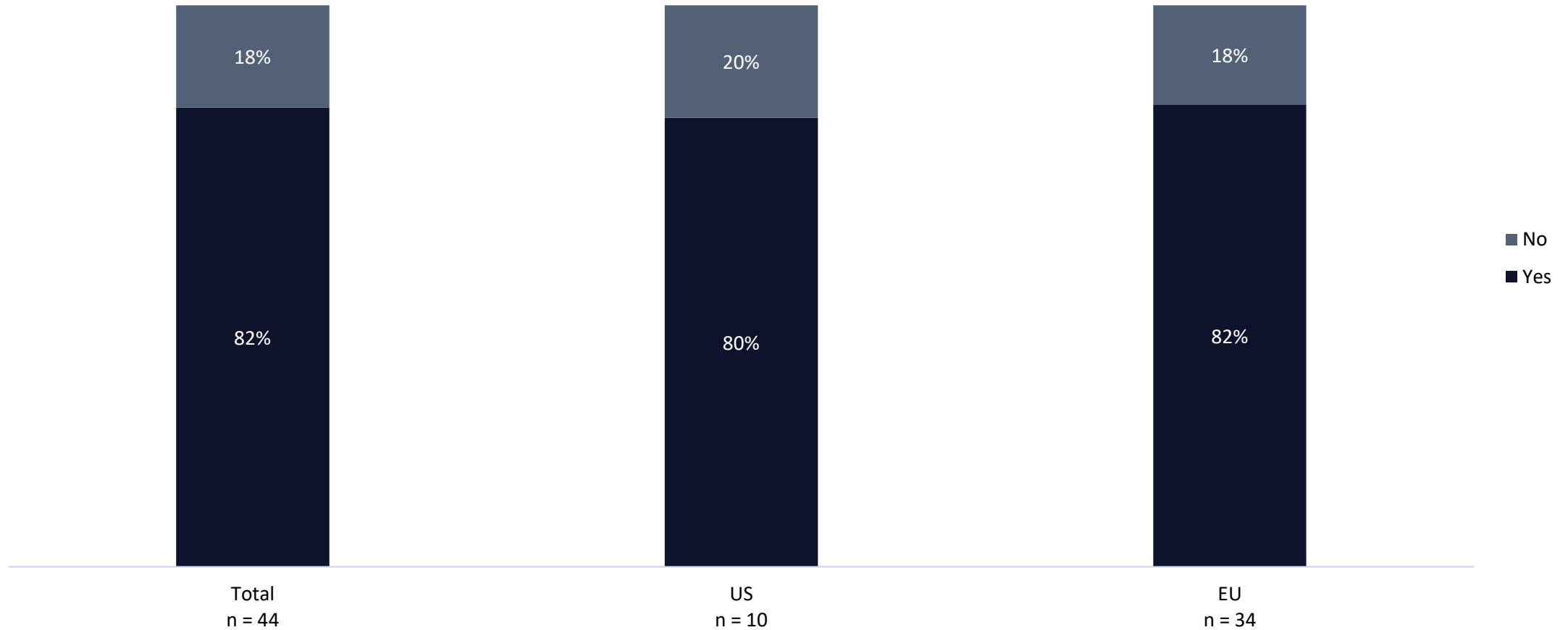
Q4: What long-term impact do you think the wider use of hydrogen will have in your sector(s)?



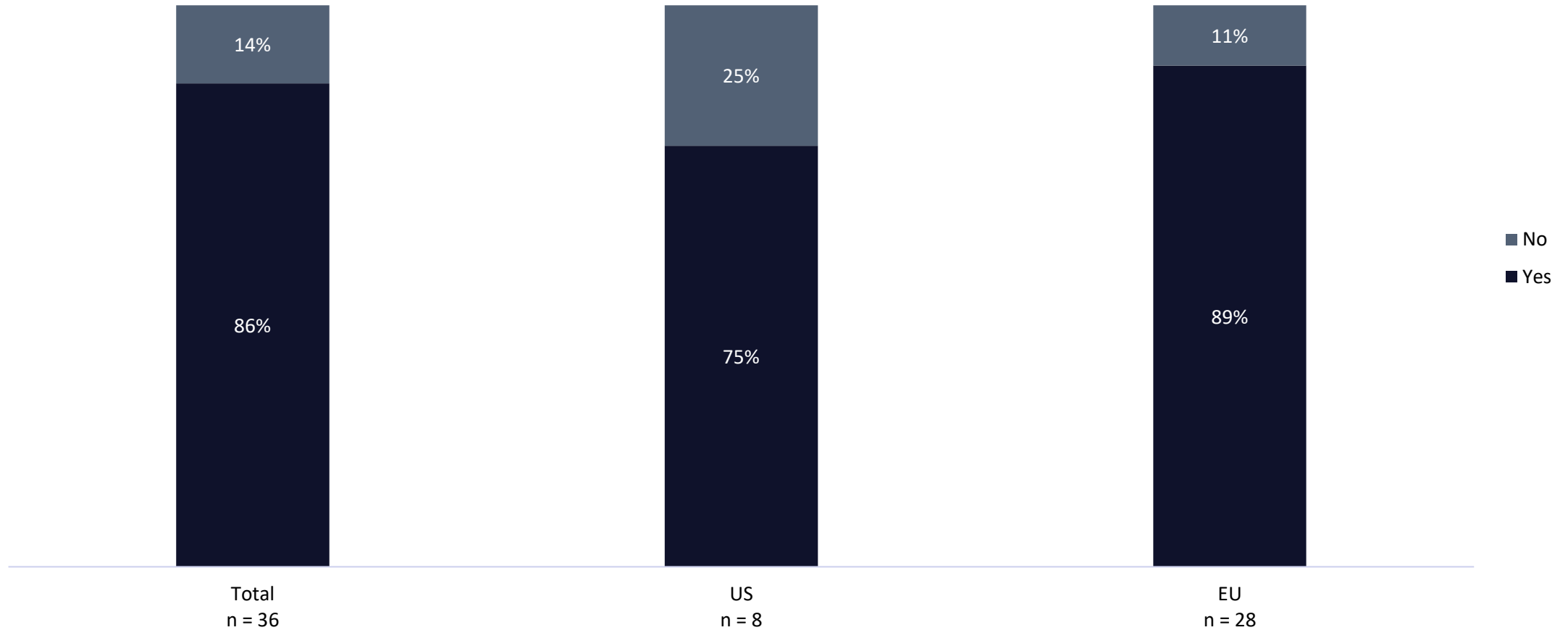
Q6. What processes are you familiar with in your sector of expertise?



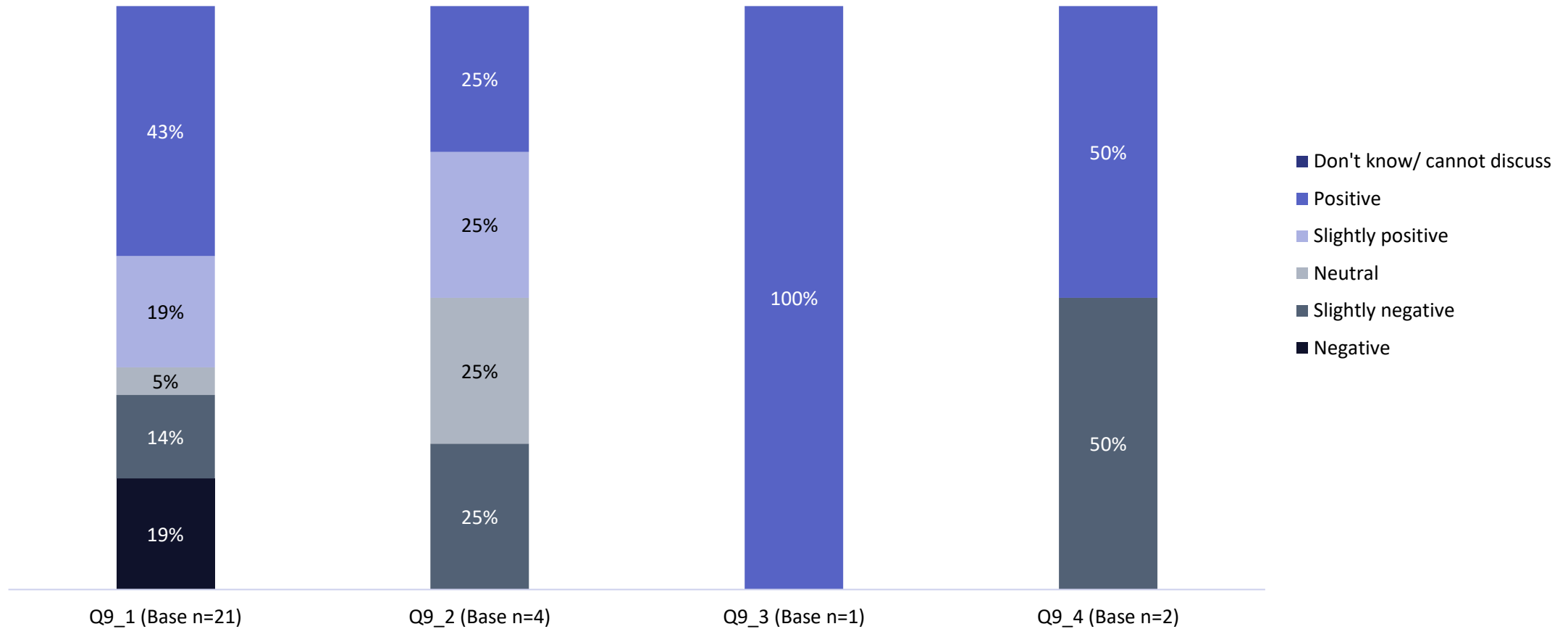
Q7: Are you aware that hydrogen will be injected into the natural gas grid in the future?



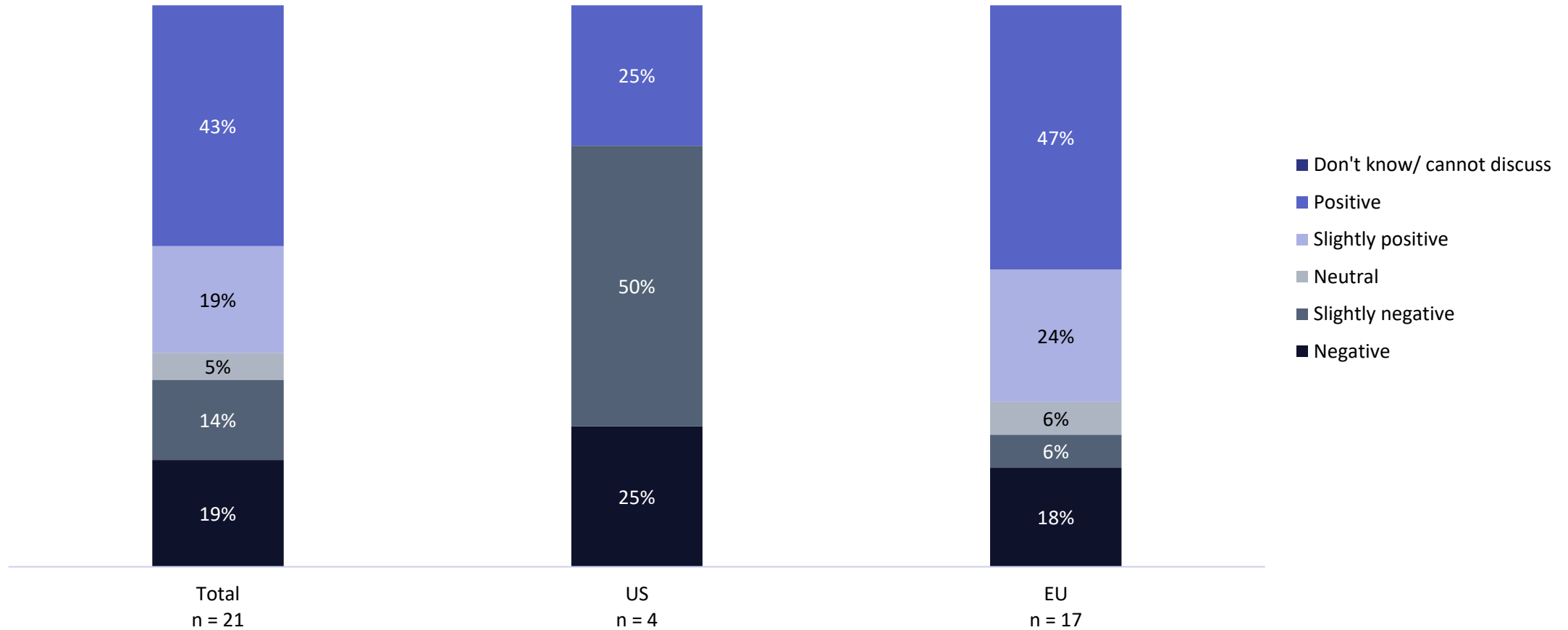
Q8: Are there processes you are aware of that will be impacted by hydrogen in the natural gas supply?



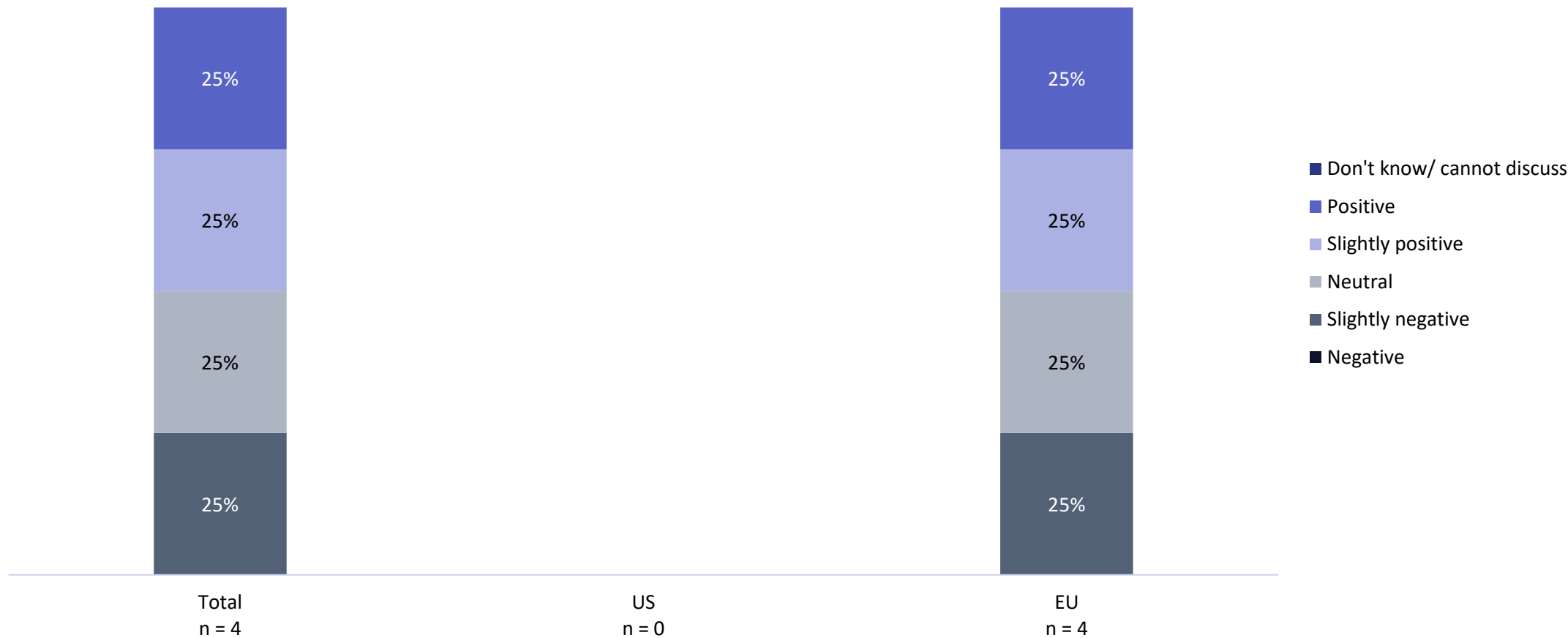
Q10: What will the impact be?



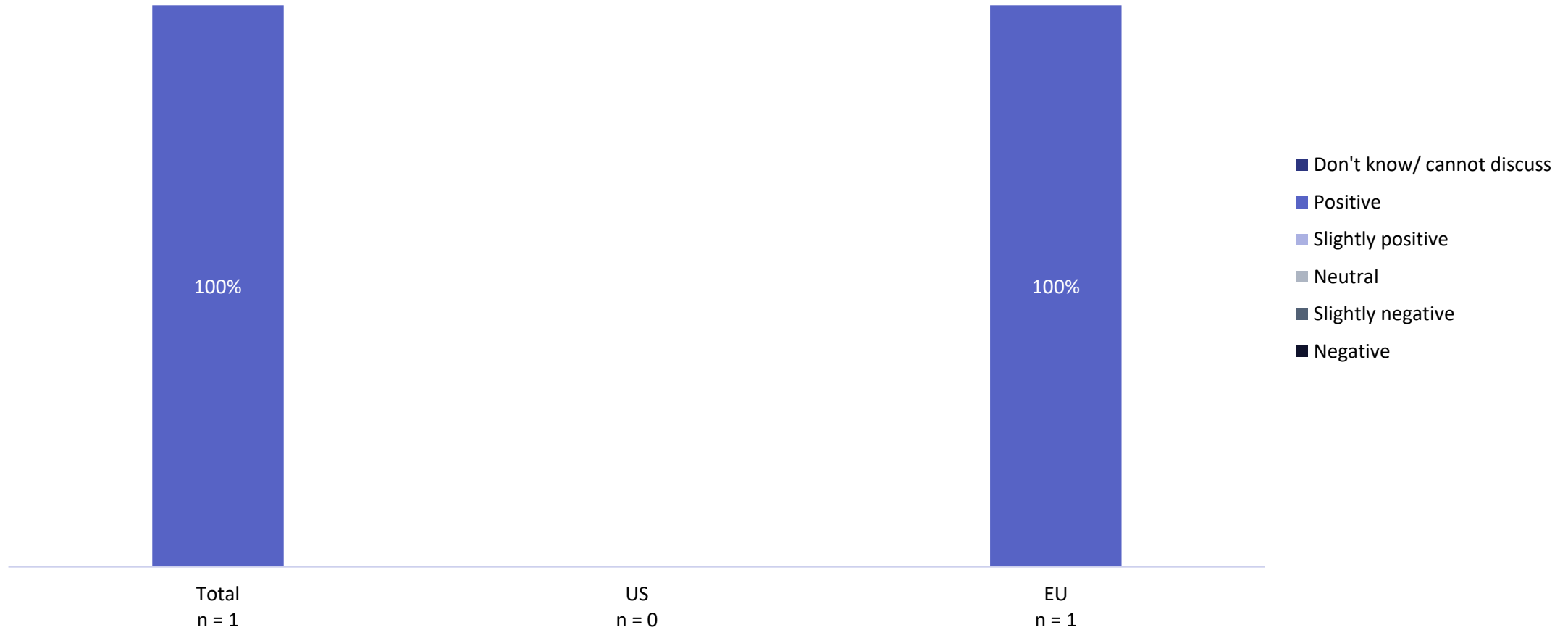
Q10_1: What will the impact be? - Q9_1



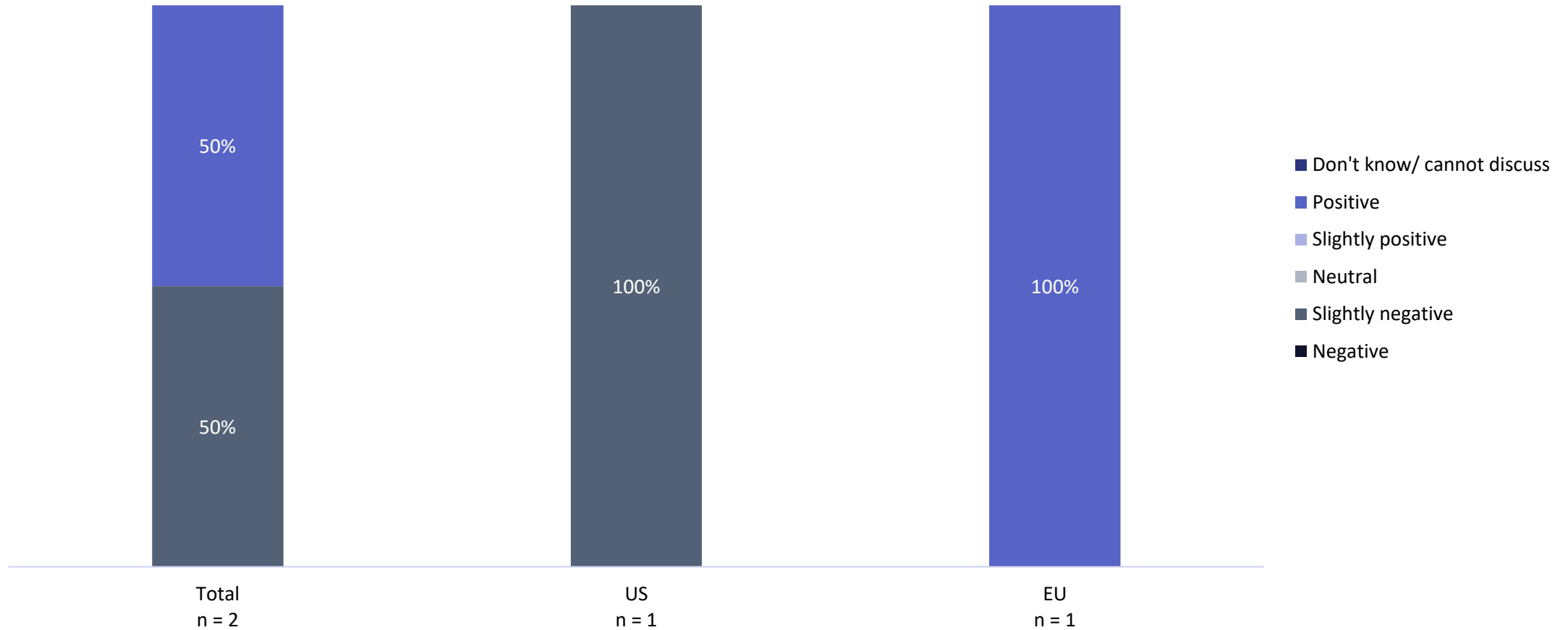
Q10_2: What will the impact be? - Q9_2



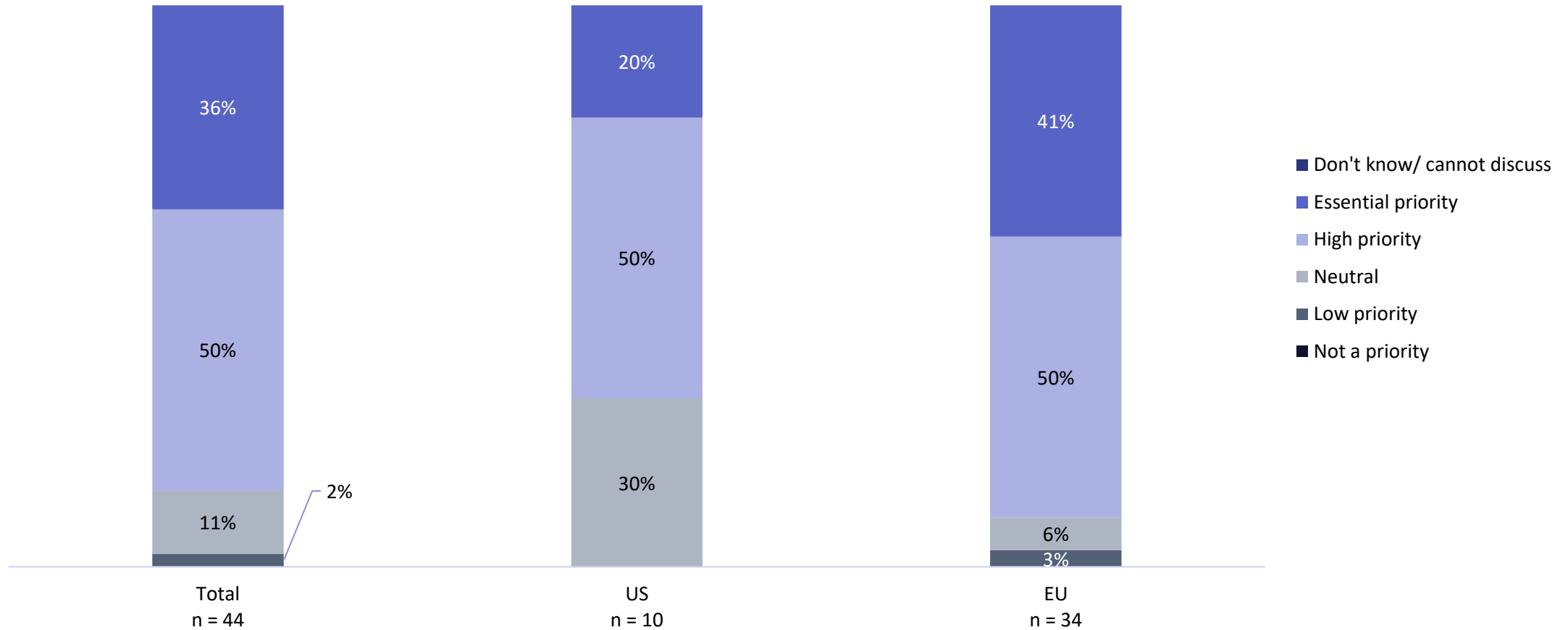
Q10_3: What will the impact be? - Q9_3



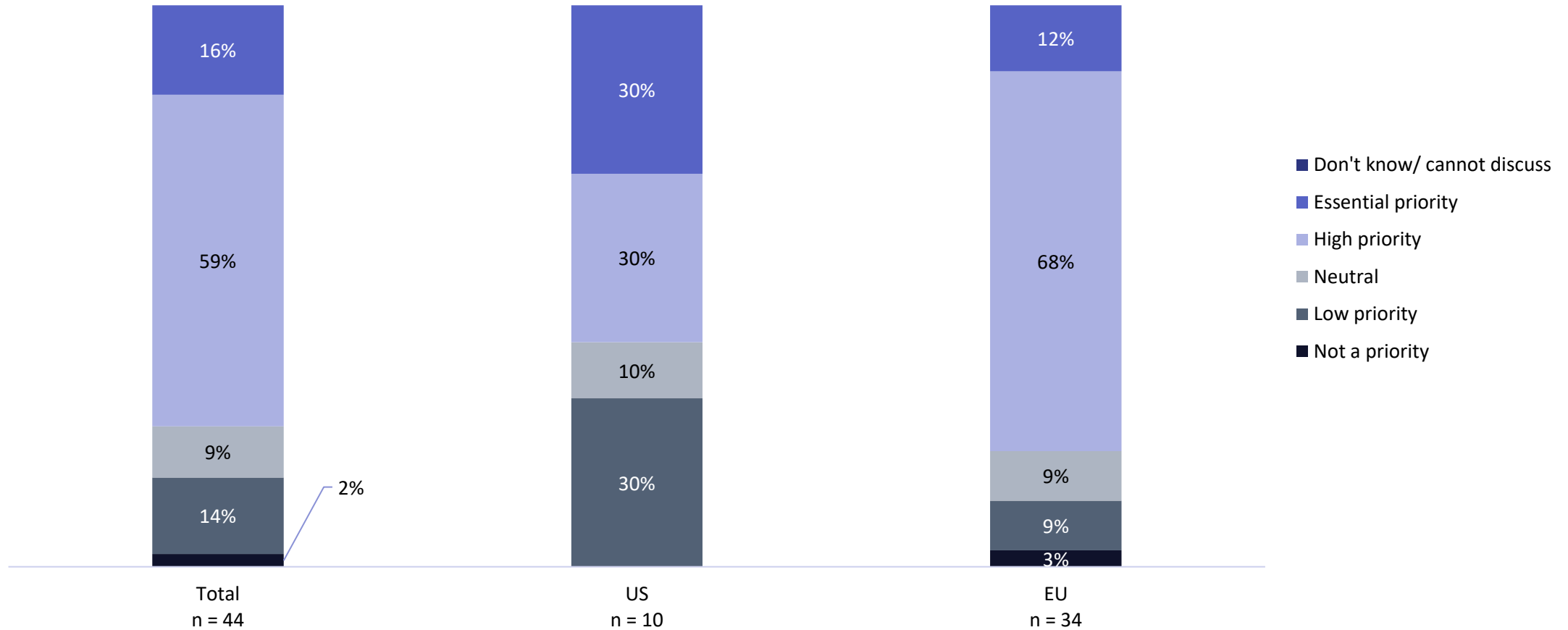
Q10_4: What will the impact be? - Q9_4



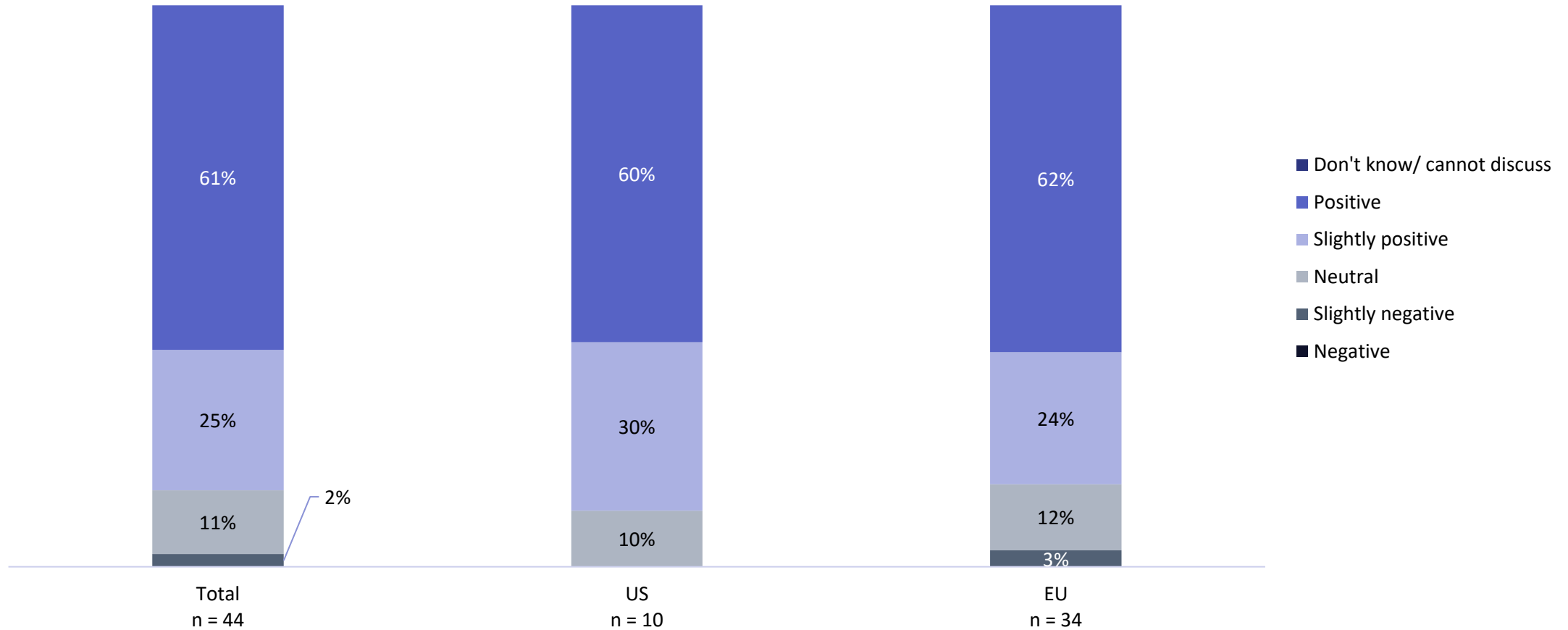
Q12: What priority does your sector have for reducing emissions?



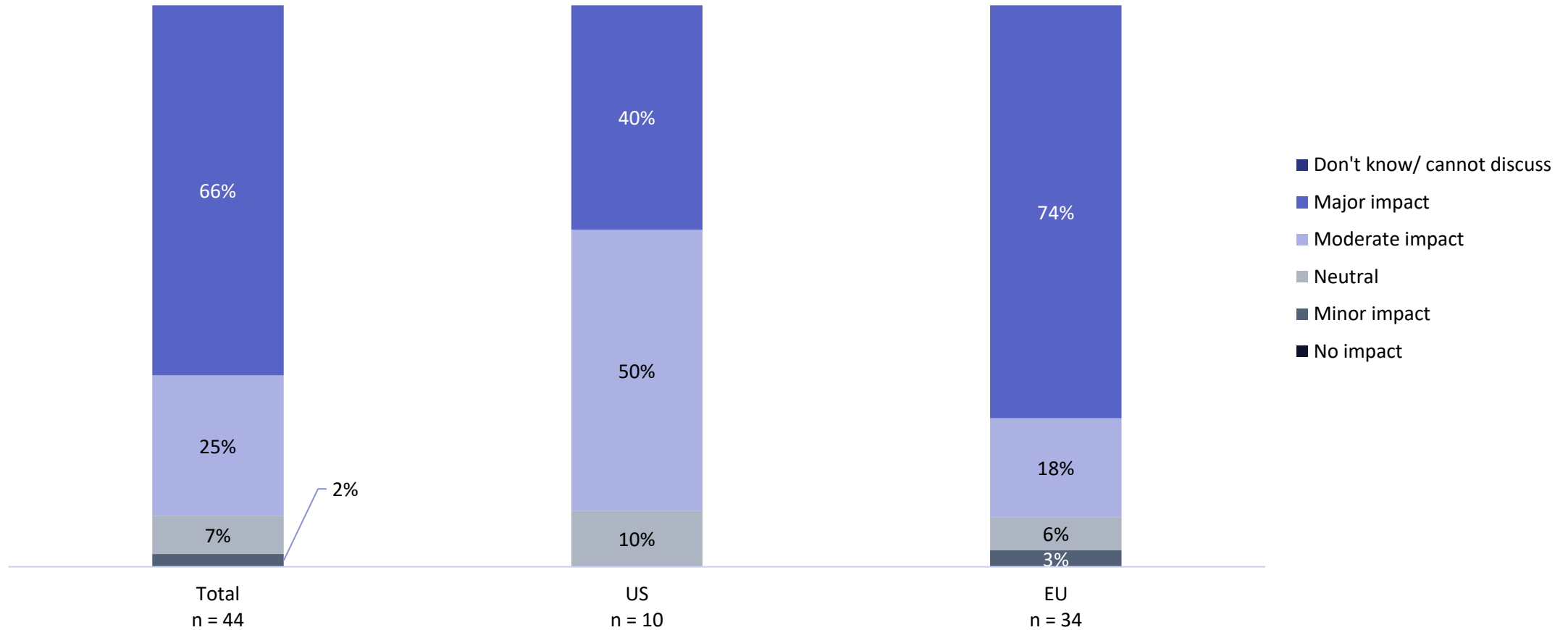
Q13: What is your sector's priority for using hydrogen as a fuel?



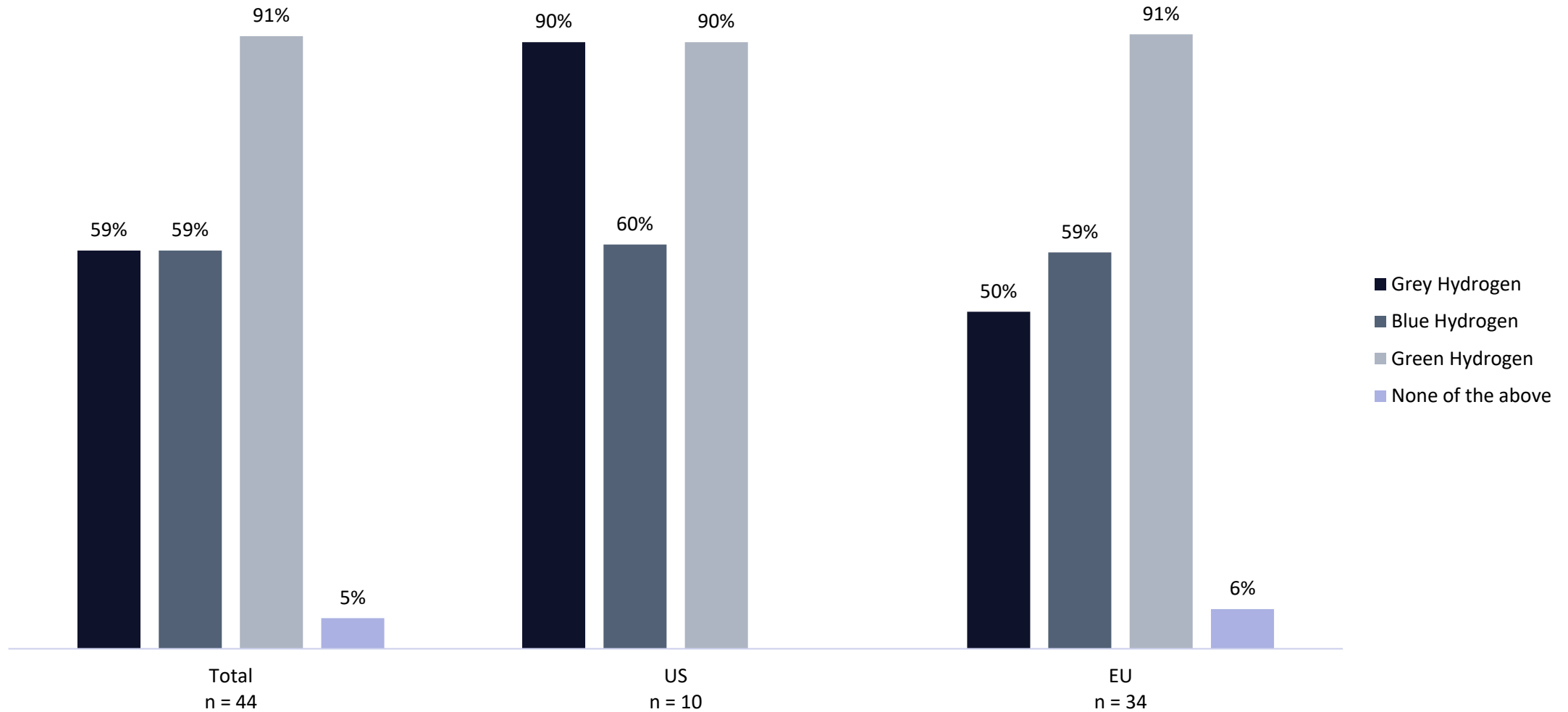
Q14: In the long term, what effect is hydrogen going to have in your sector(s)?



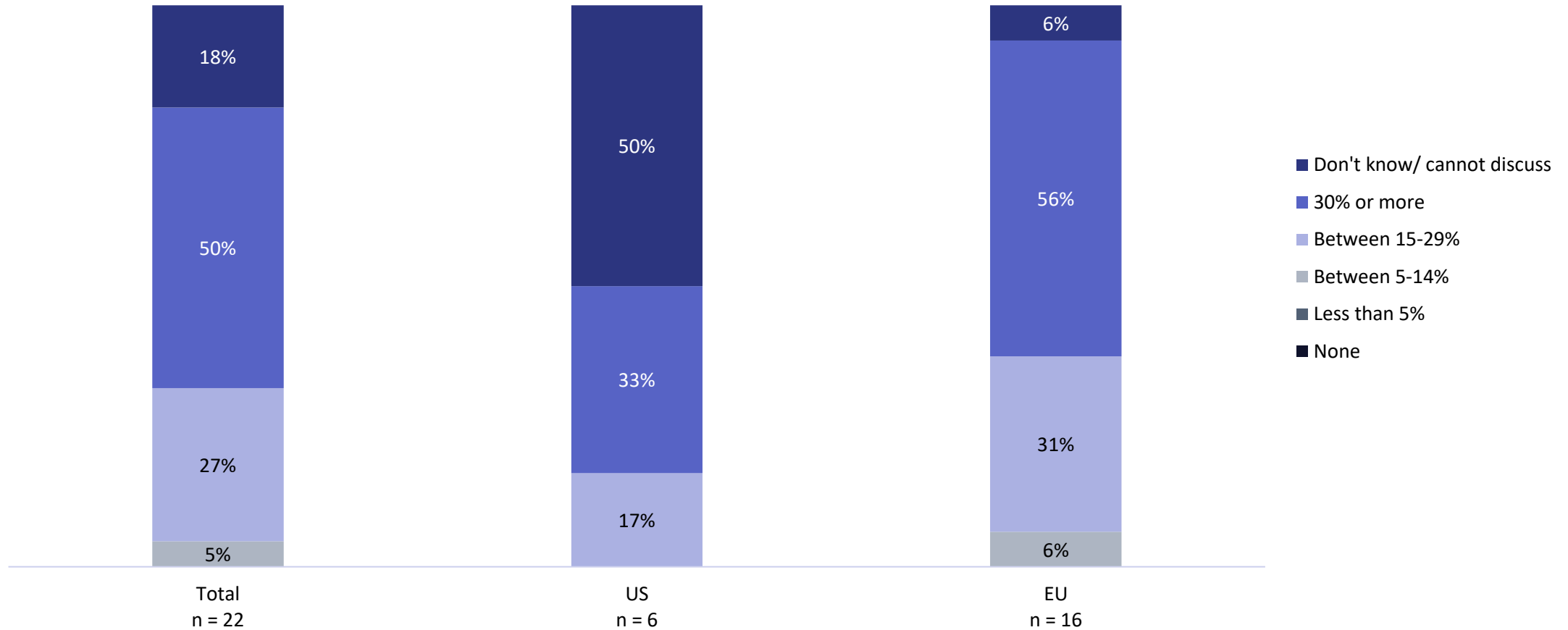
Q15: What impact is government legislation going to have on your sector's choice in making/using hydrogen?



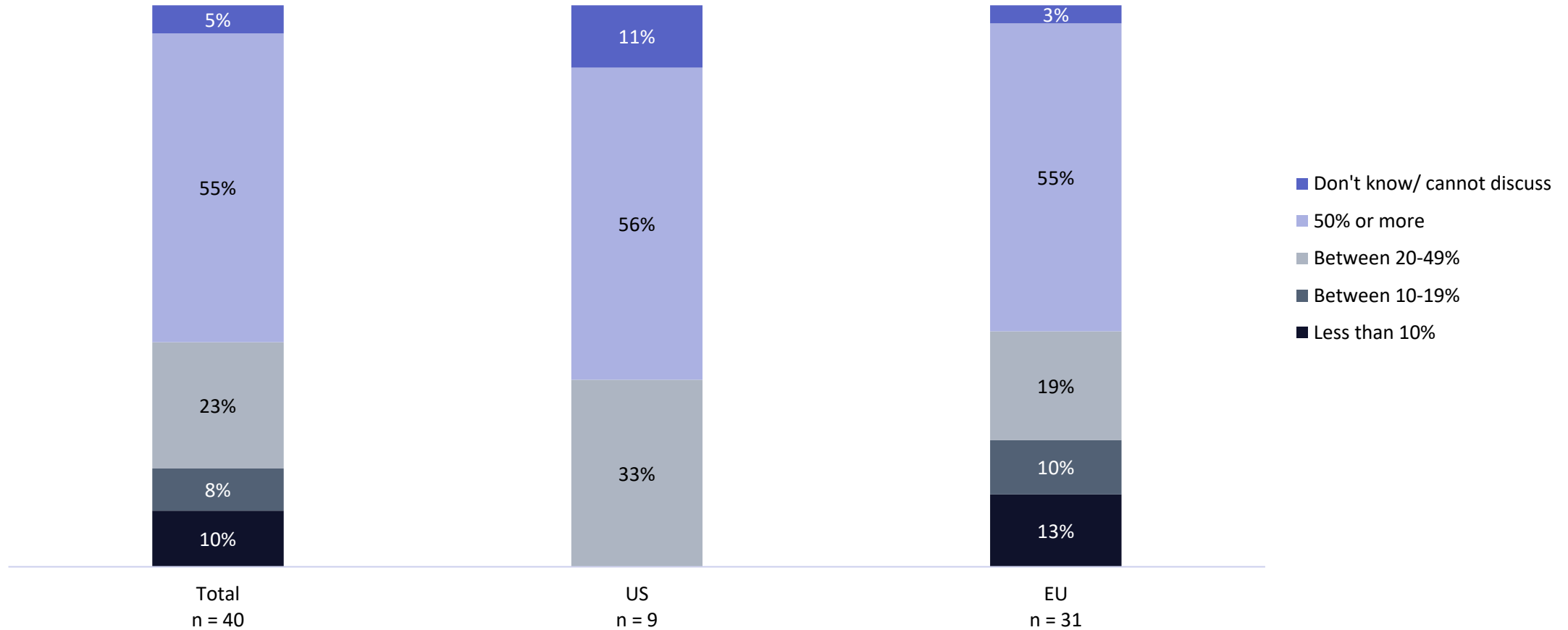
Q16. Which of the following are you familiar with?



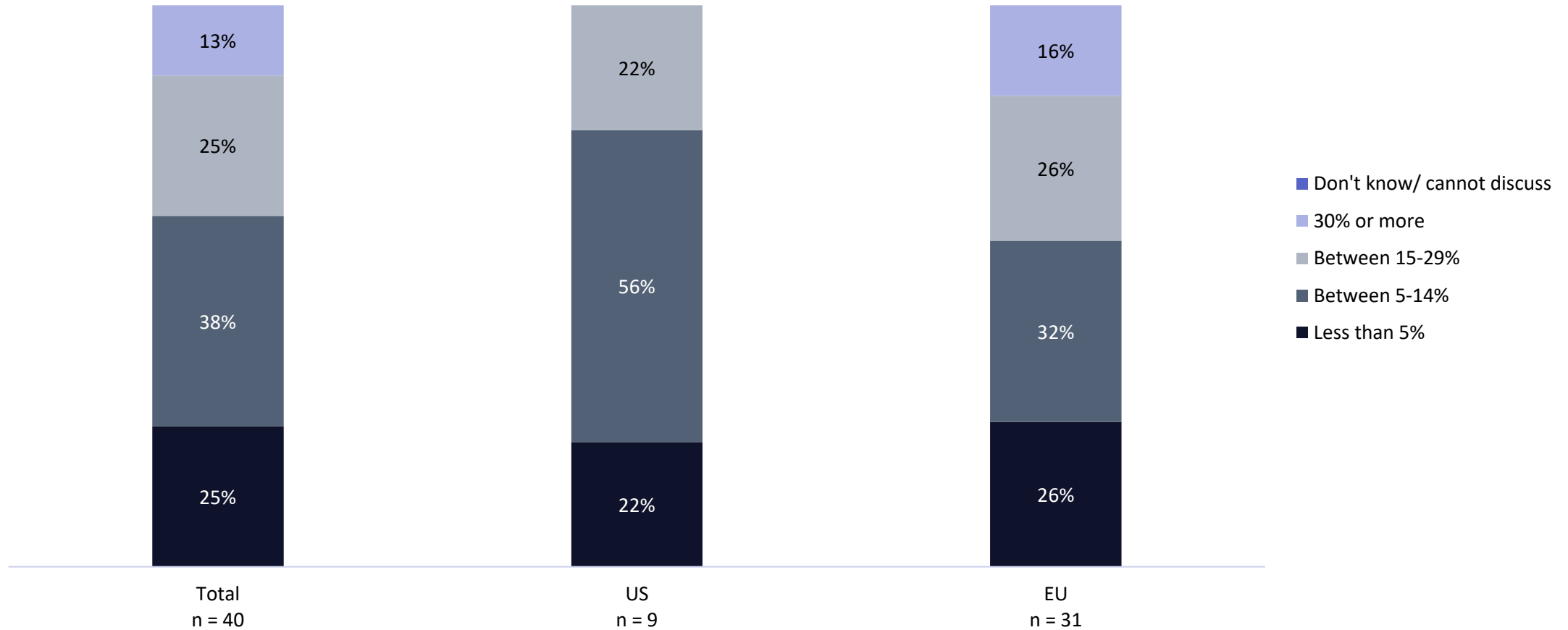
Q17: What is the current price premium per kWh of blue hydrogen compared with grey hydrogen?



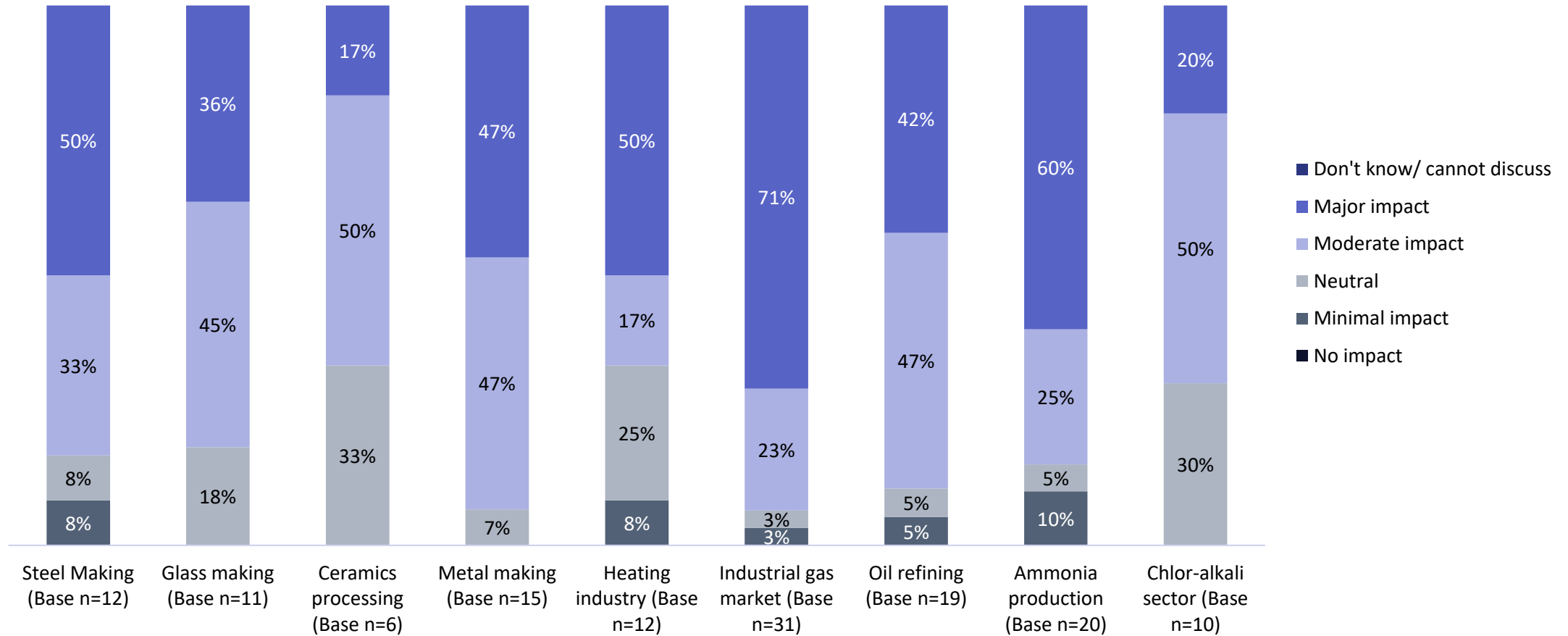
Q18: What is the current price premium for green hydrogen?



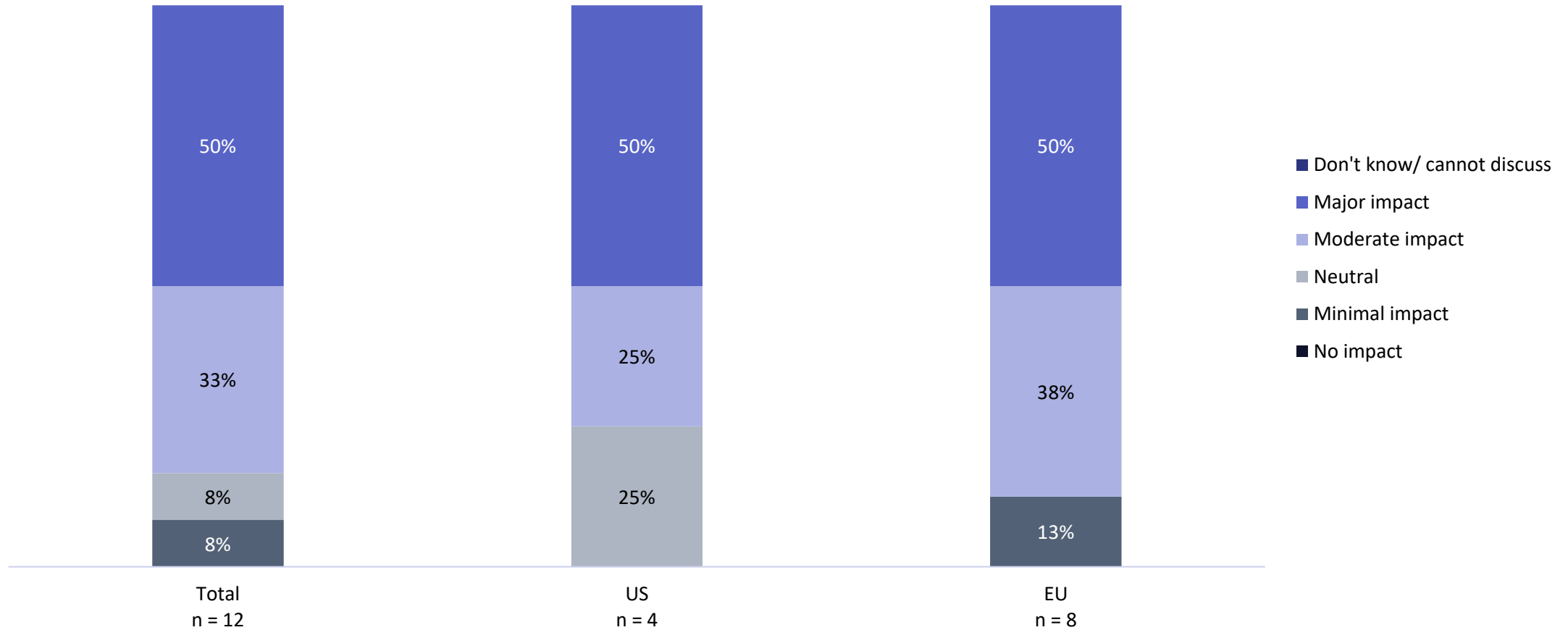
Q19: What do you think will the price premium be for green hydrogen in 10 years' time?



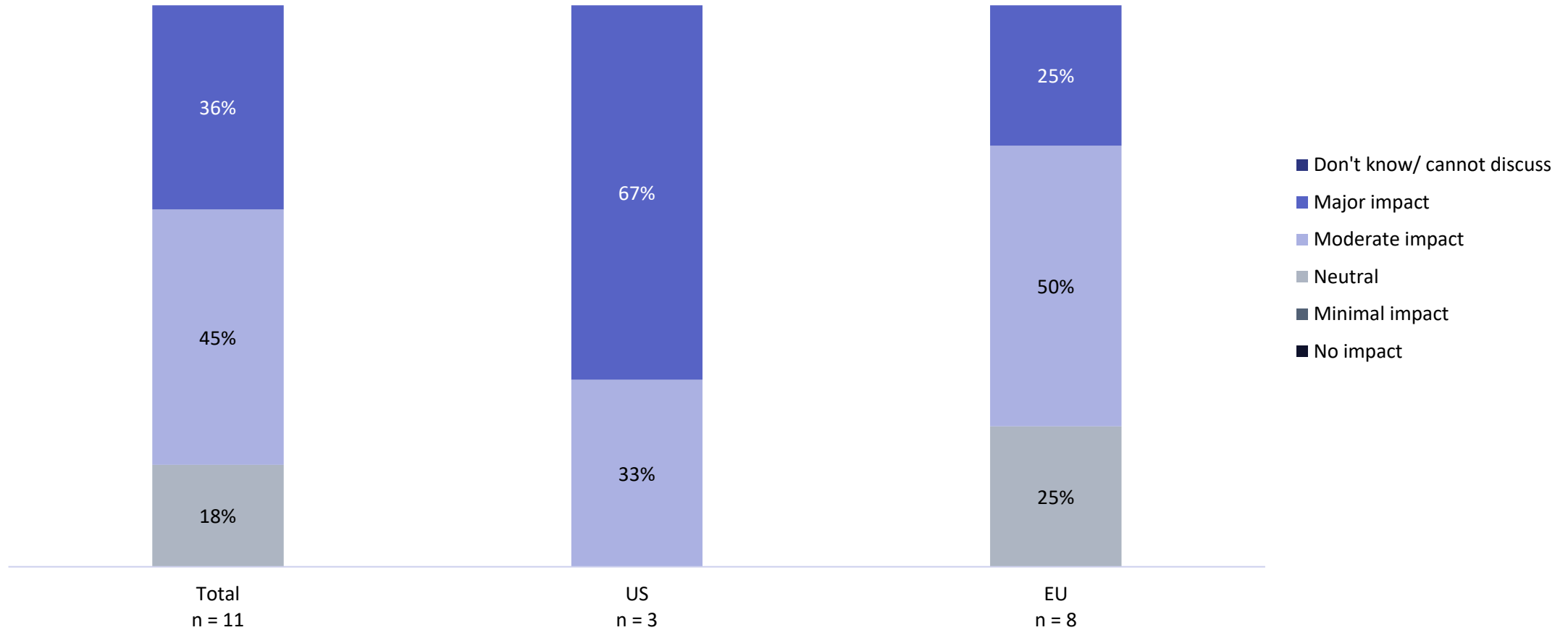
Q20: What impact do you think hydrogen will have on the listed industrial sectors?



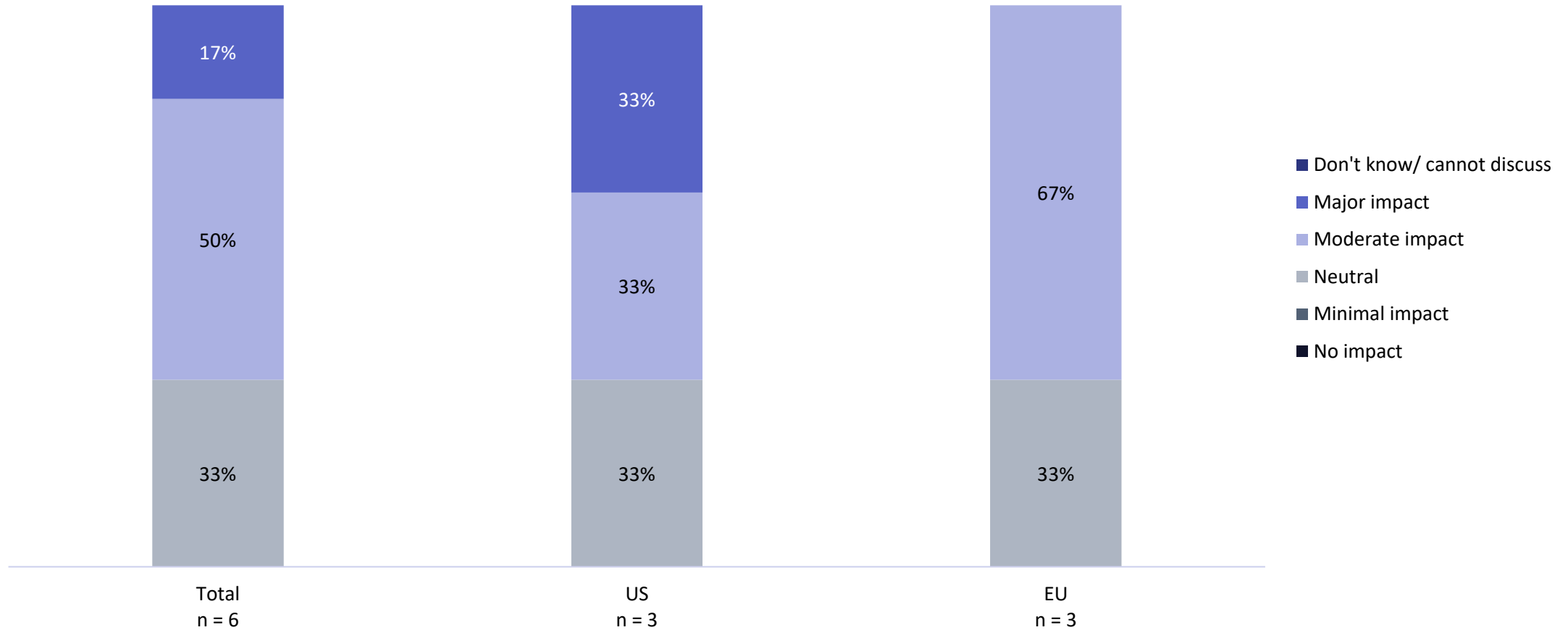
Q20_1: What impact do you think hydrogen will have on the listed industrial sectors? - Steel Making



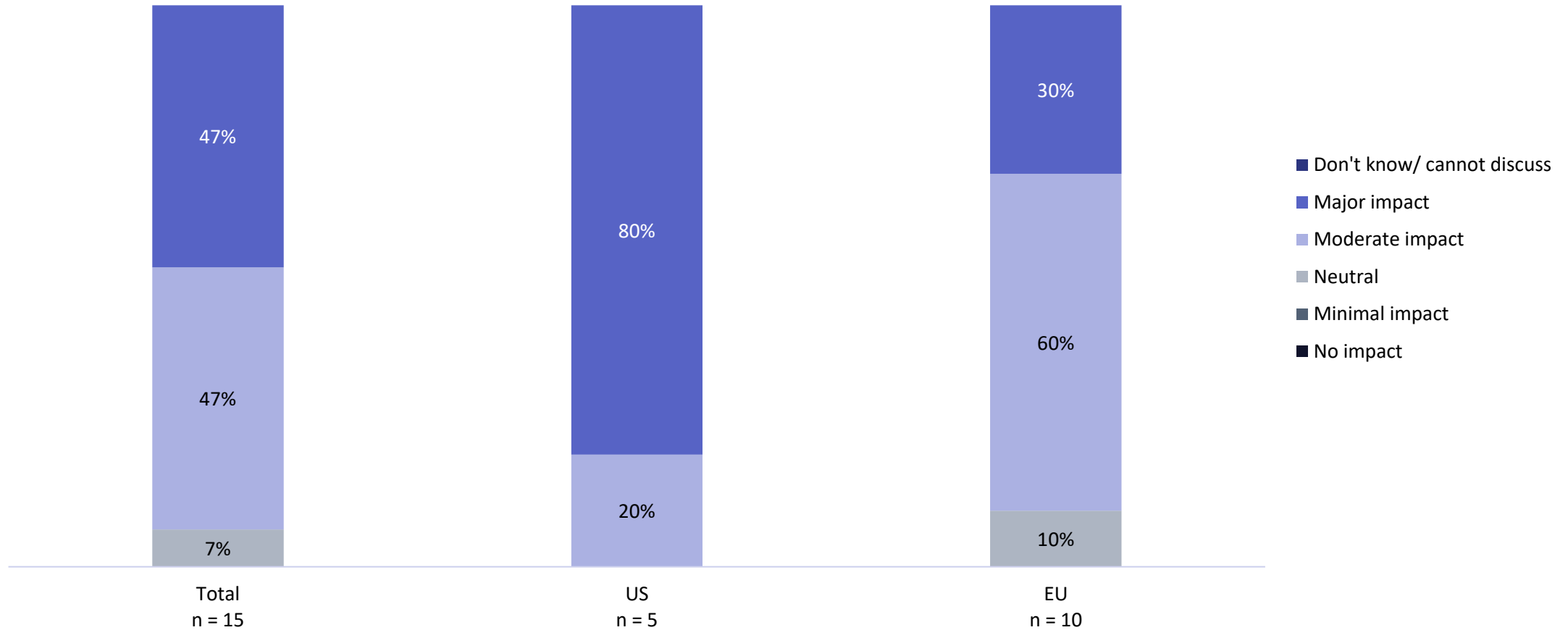
Q20_2: What impact do you think hydrogen will have on the listed industrial sectors? - Glass making



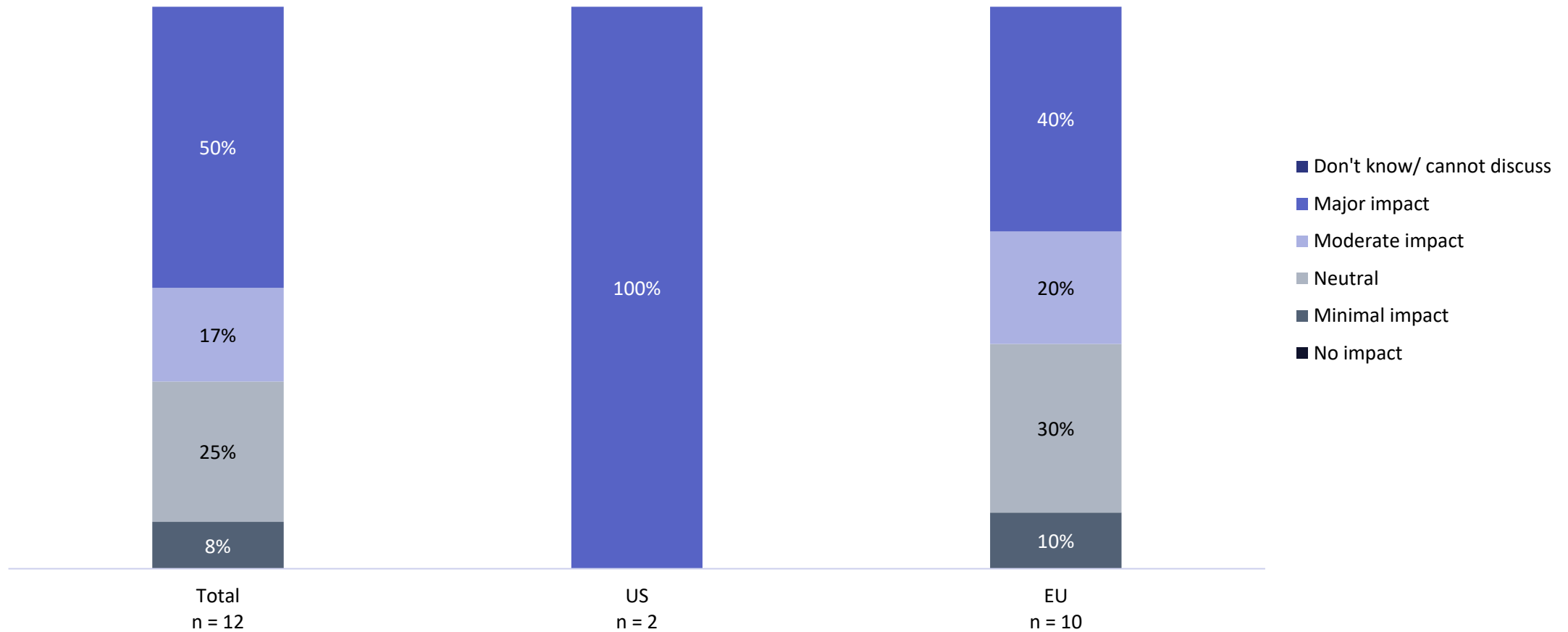
Q20_3: What impact do you think hydrogen will have on the listed industrial sectors? - Ceramics processing



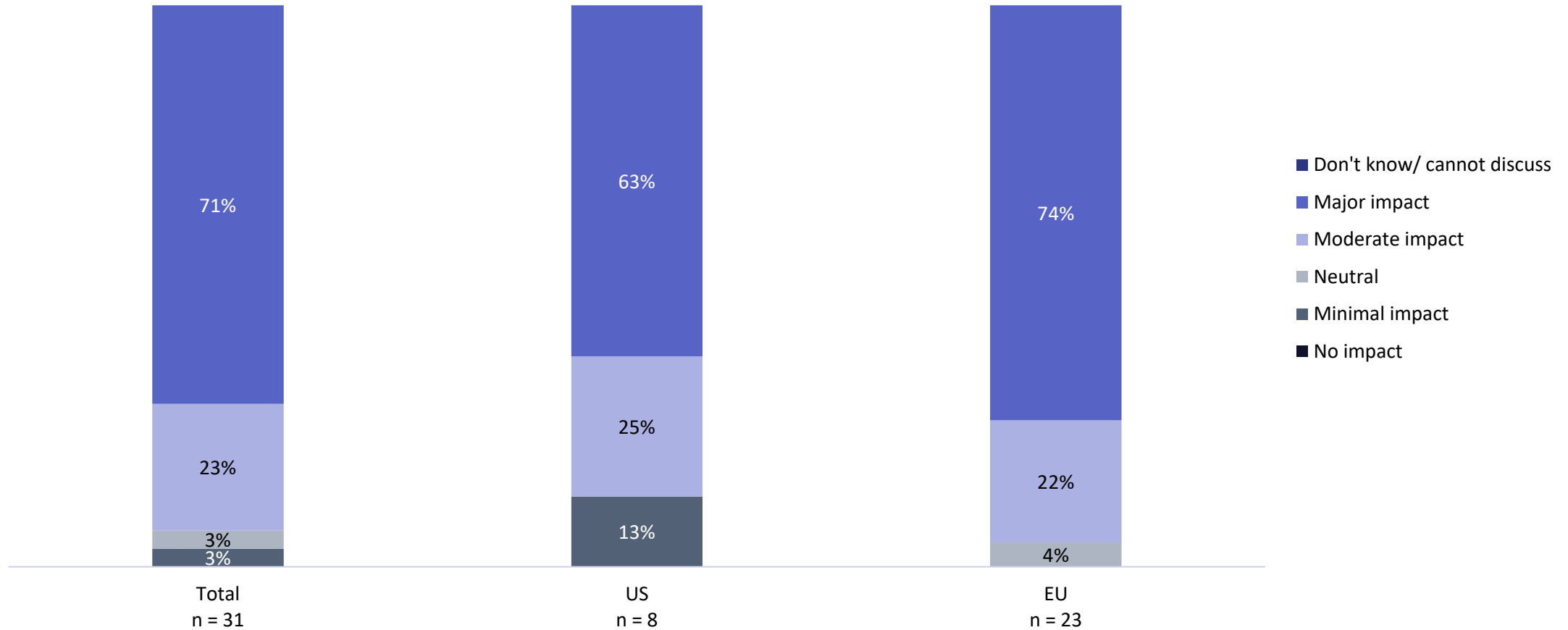
Q20_4: What impact do you think hydrogen will have on the listed industrial sectors? - Metal making



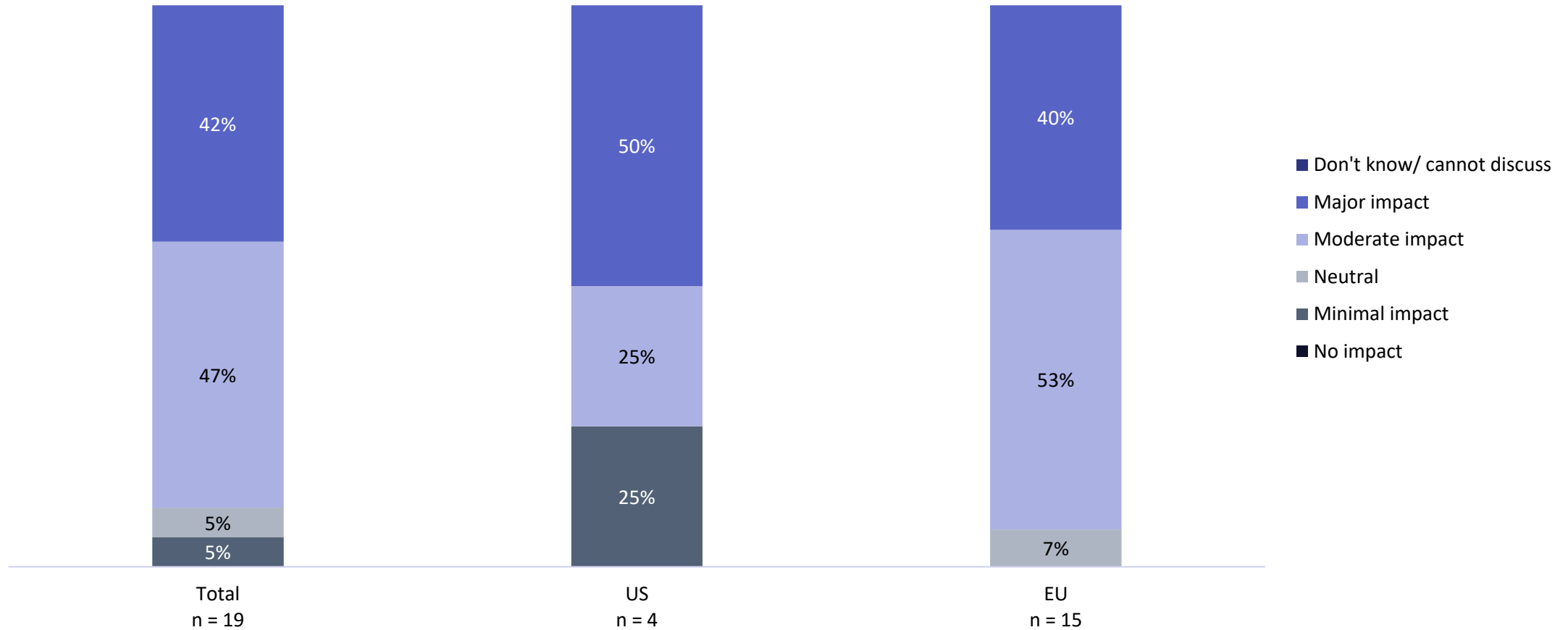
Q20_5: What impact do you think hydrogen will have on the listed industrial sectors? - Heating industry



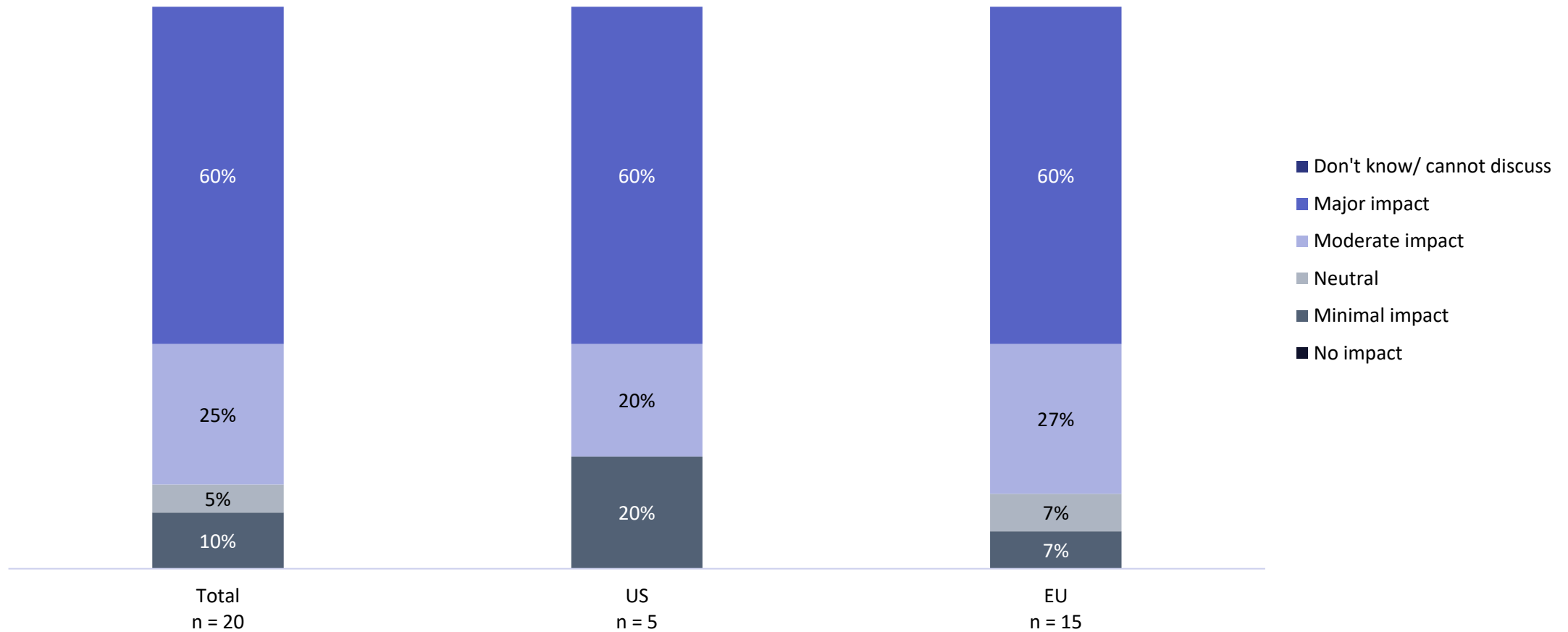
Q20_6: What impact do you think hydrogen will have on the listed industrial sectors? - Industrial gas market



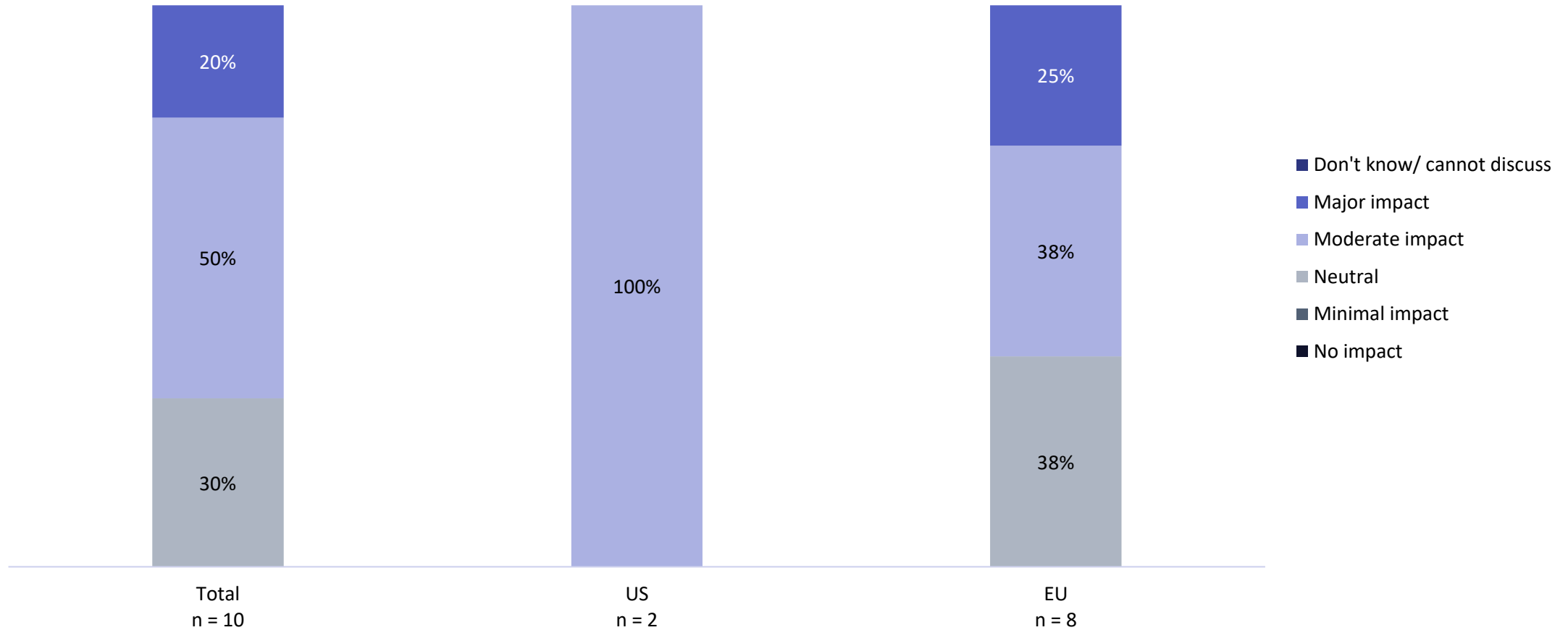
Q20_7: What impact do you think hydrogen will have on the listed industrial sectors? - Oil refining



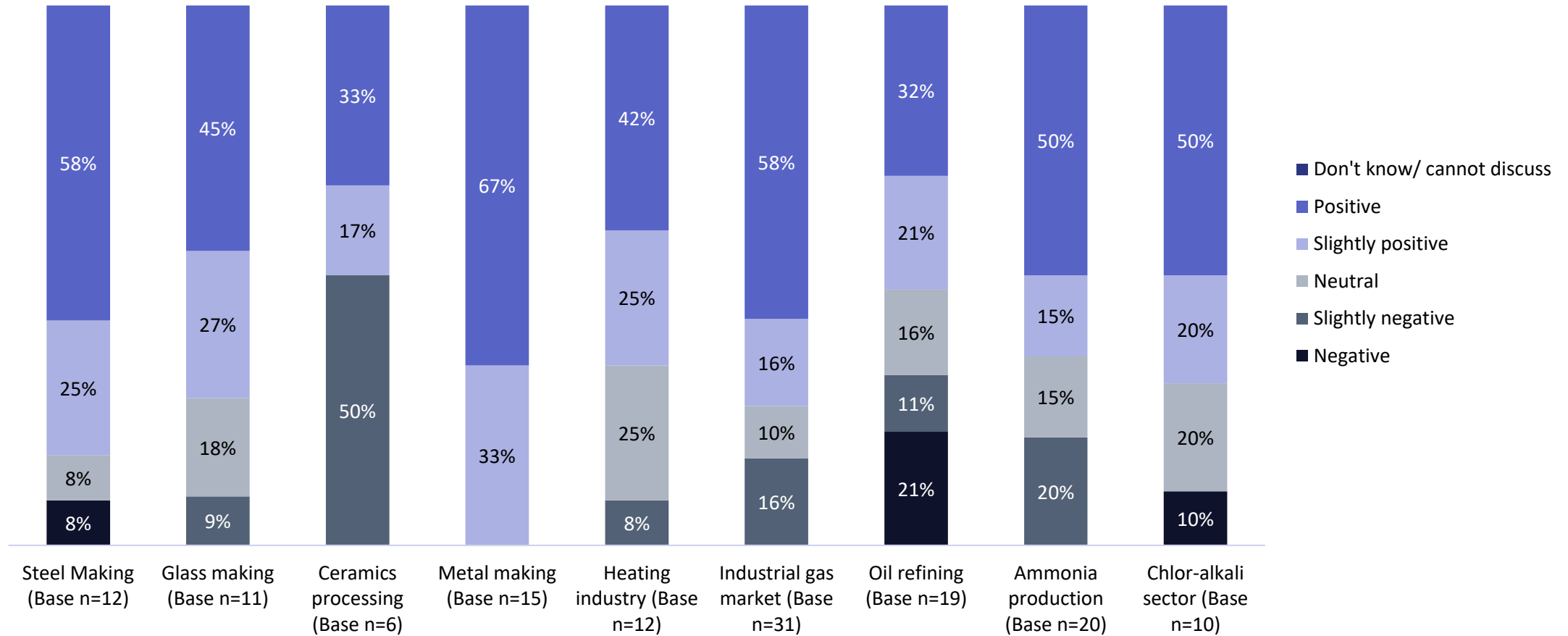
Q20_8: What impact do you think hydrogen will have on the listed industrial sectors? - Ammonia production



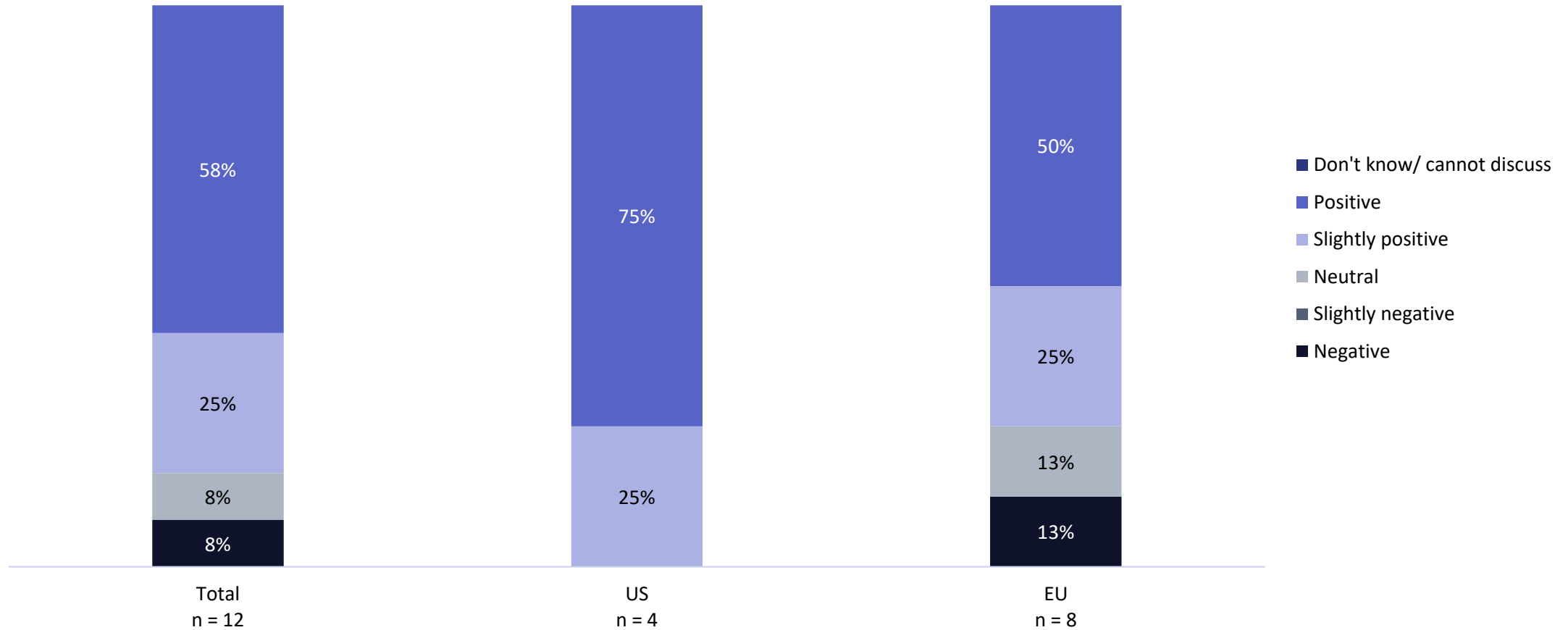
Q20_9: What impact do you think hydrogen will have on the listed industrial sectors? - Chlor-alkali sector



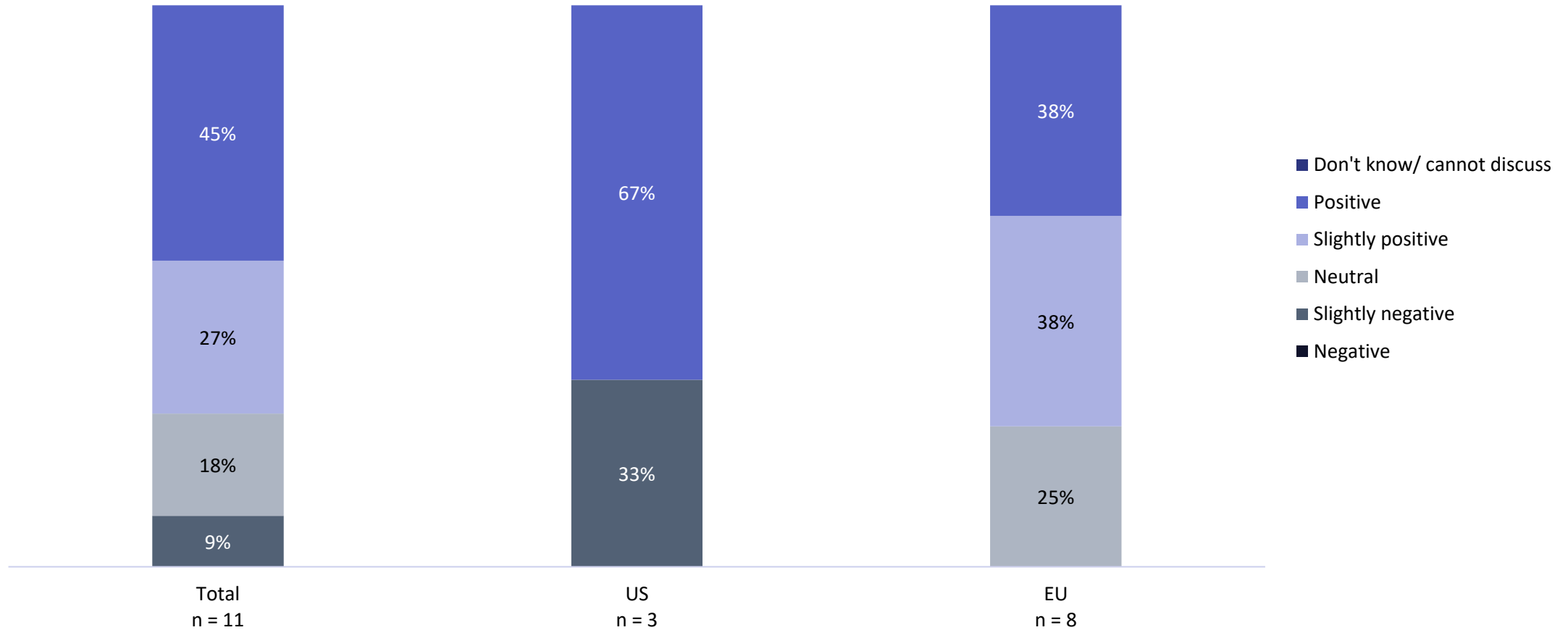
Q21: Will these impacts be beneficial or detrimental to the listed sectors?



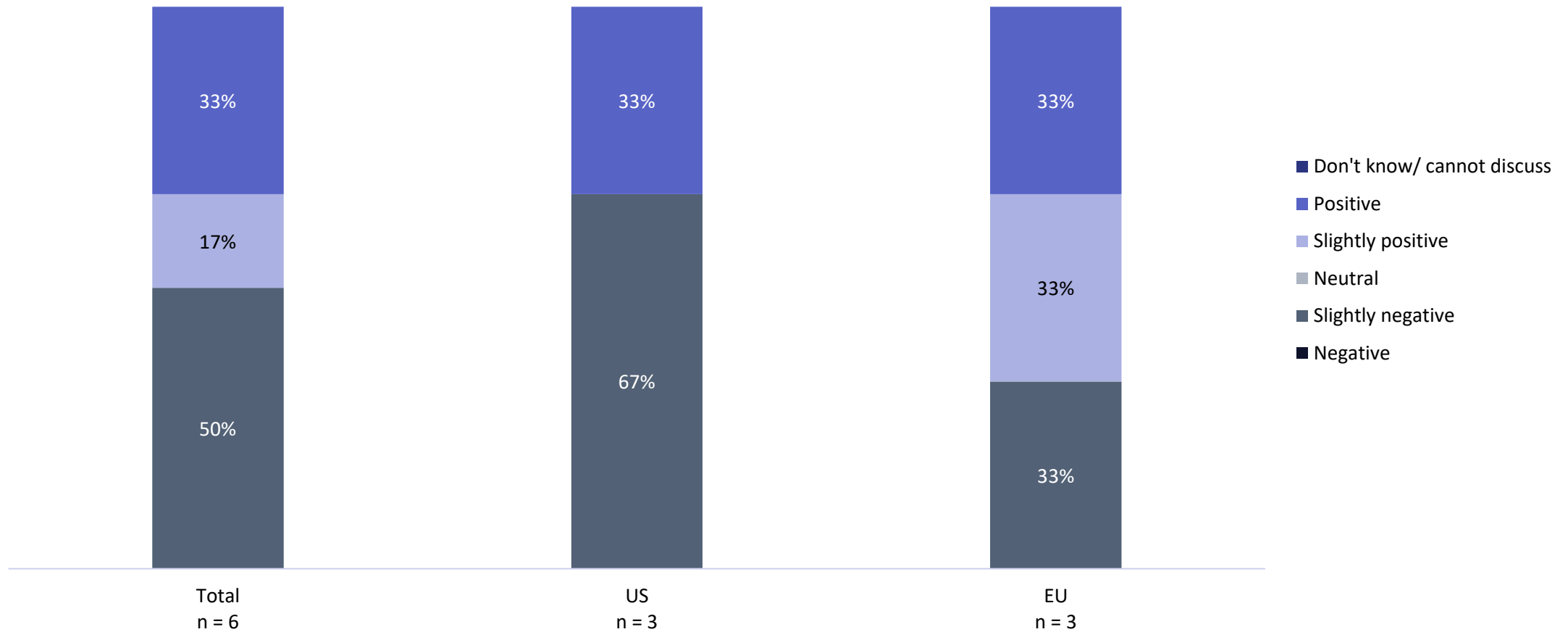
Q21_1: Will these impacts be beneficial or detrimental to the listed sectors? - Steel Making



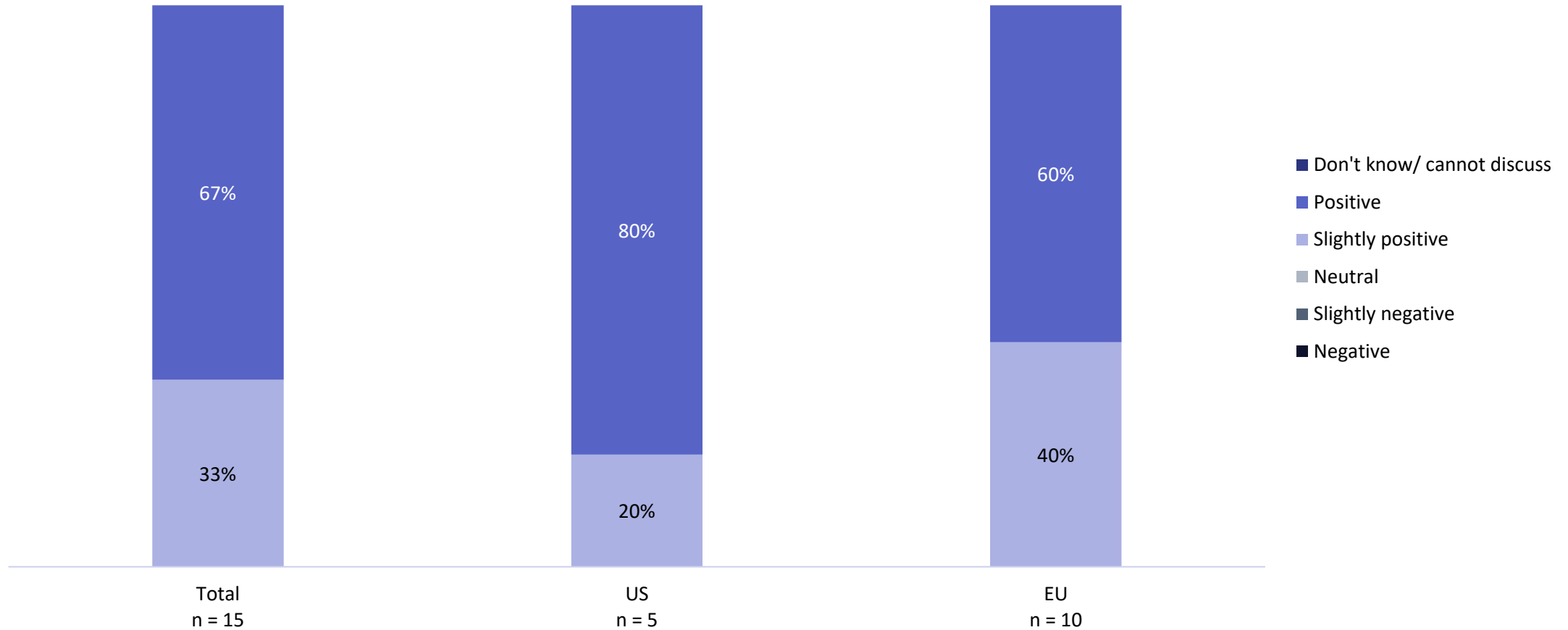
Q21_2: Will these impacts be beneficial or detrimental to the listed sectors? - Glass making



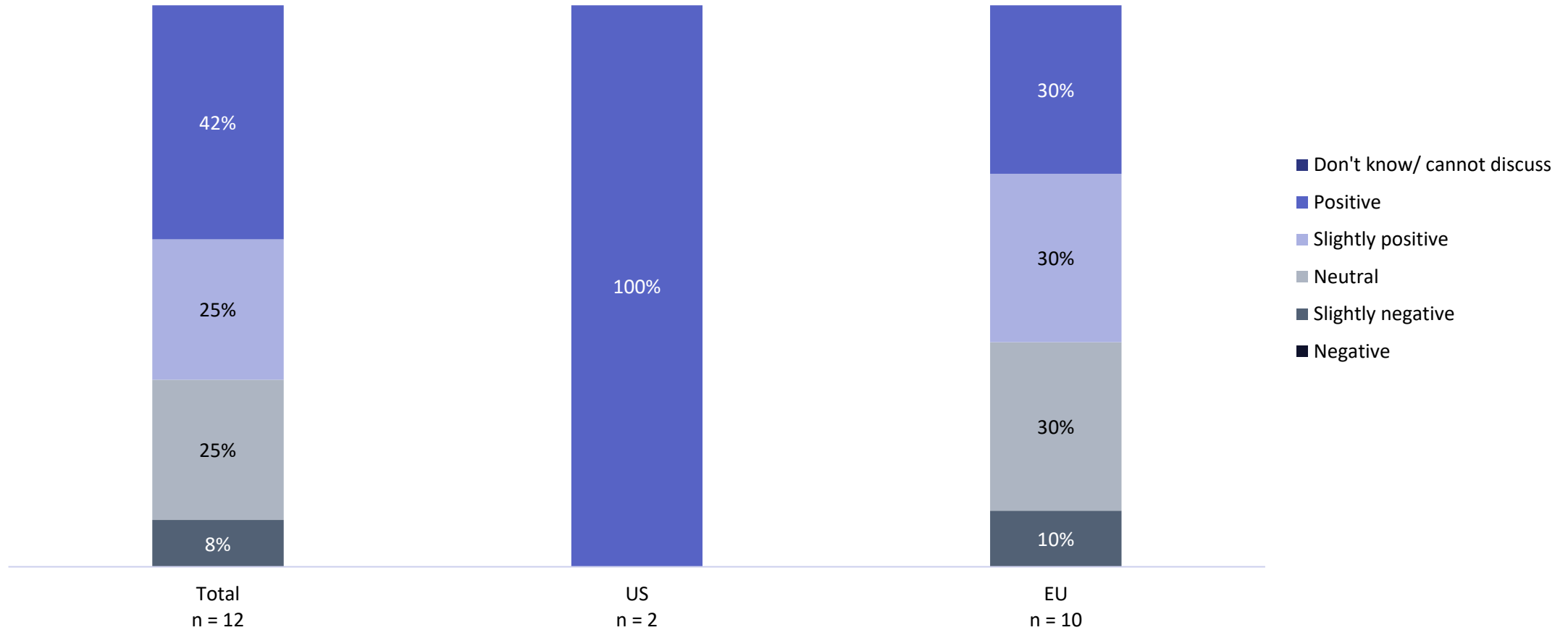
Q21_3: Will these impacts be beneficial or detrimental to the listed sectors? - Ceramics processing



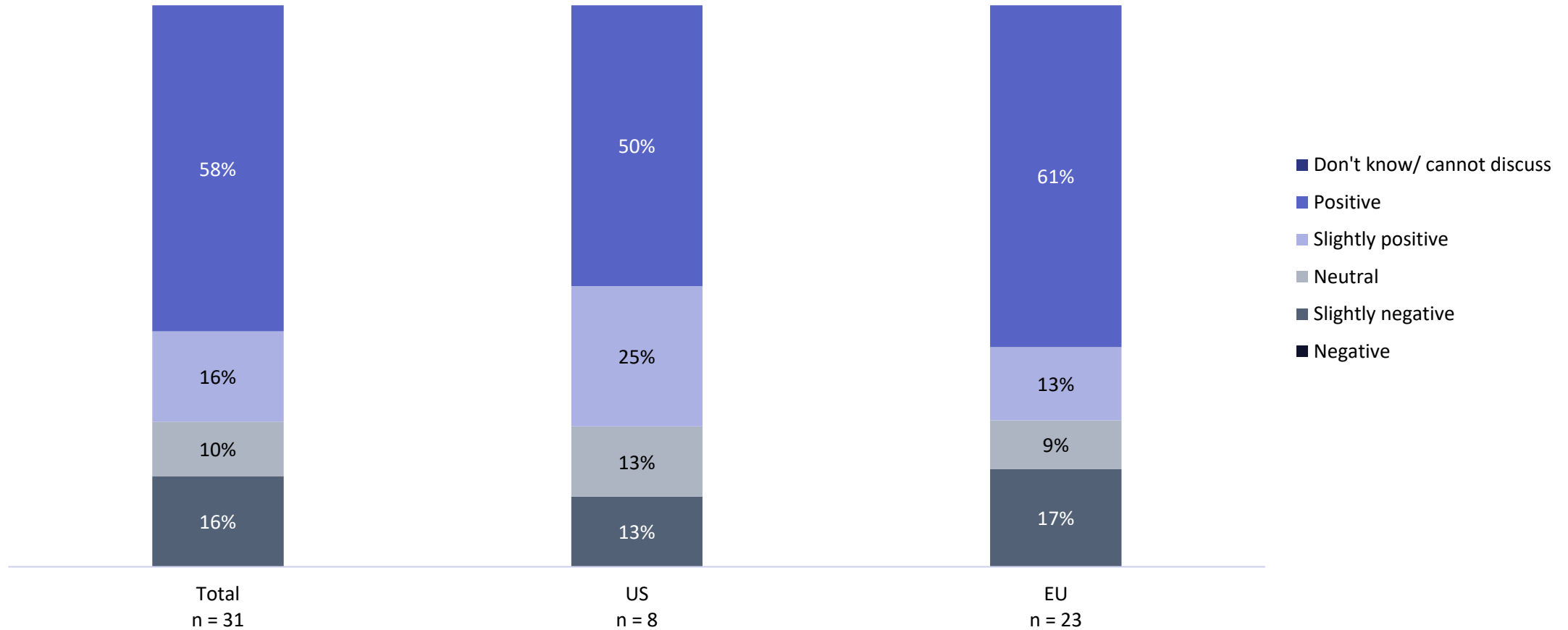
Q21_4: Will these impacts be beneficial or detrimental to the listed sectors? - Metal making



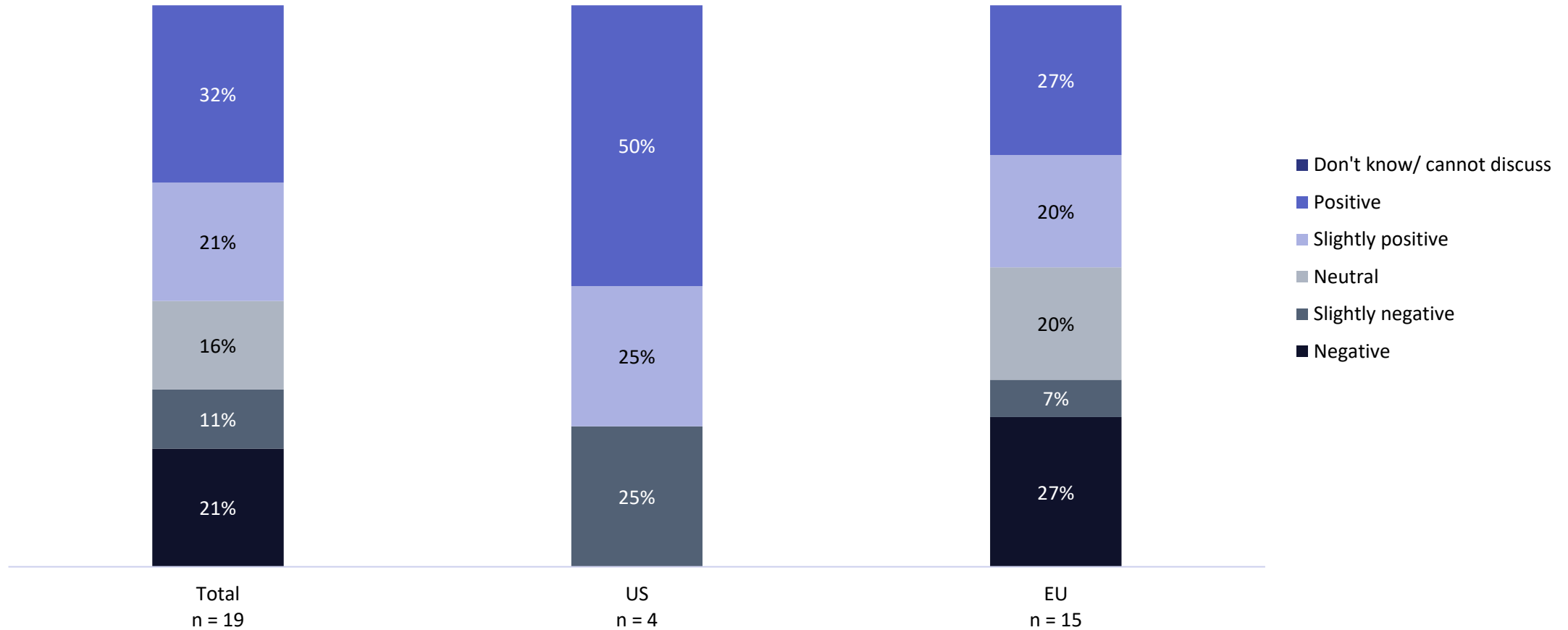
Q21_5: Will these impacts be beneficial or detrimental to the listed sectors? - Heating industry



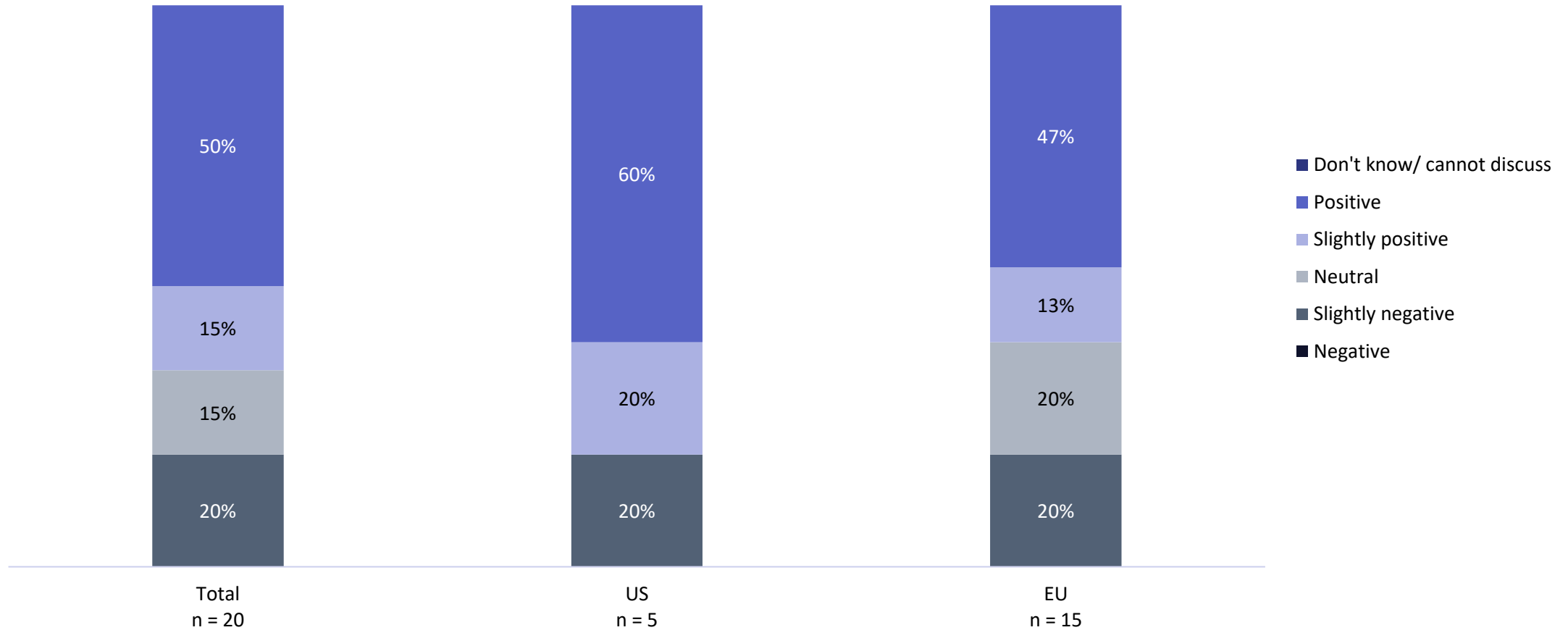
Q21_6: Will these impacts be beneficial or detrimental to the listed sectors? - Industrial gas market



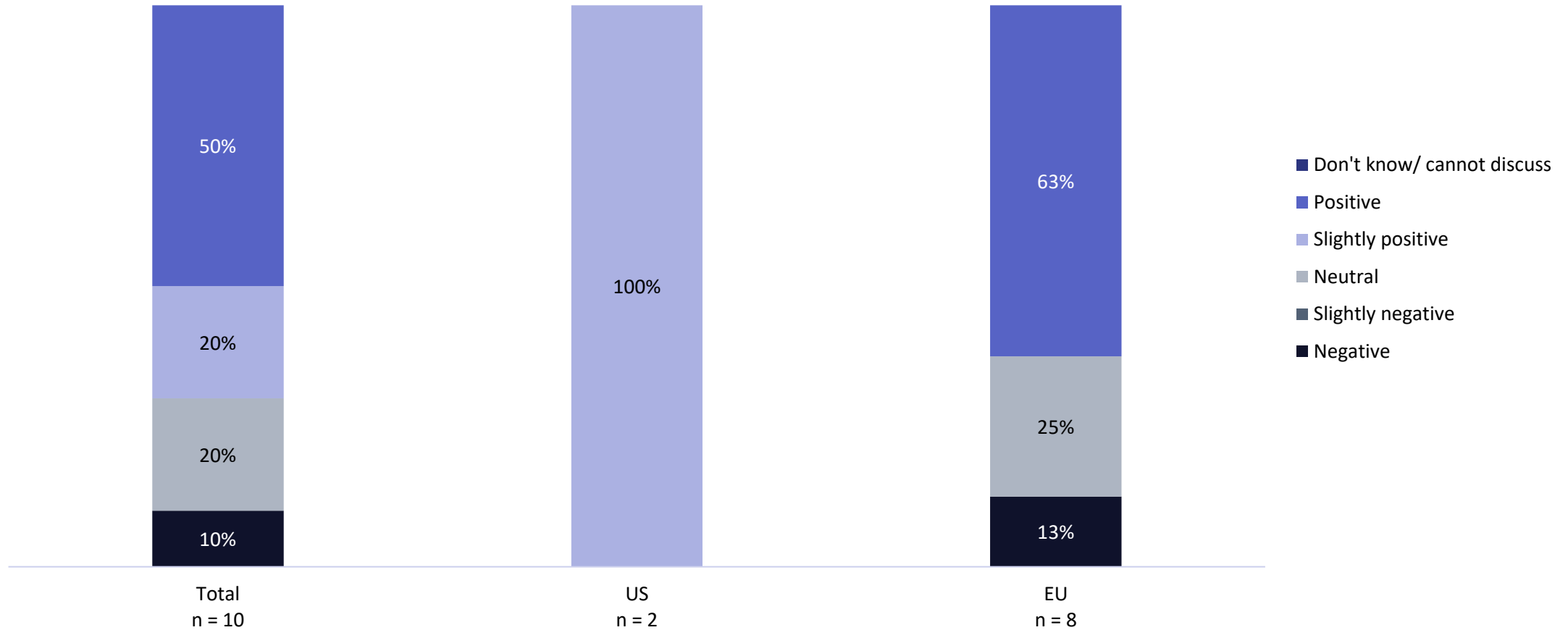
Q21_7: Will these impacts be beneficial or detrimental to the listed sectors? - Oil refining



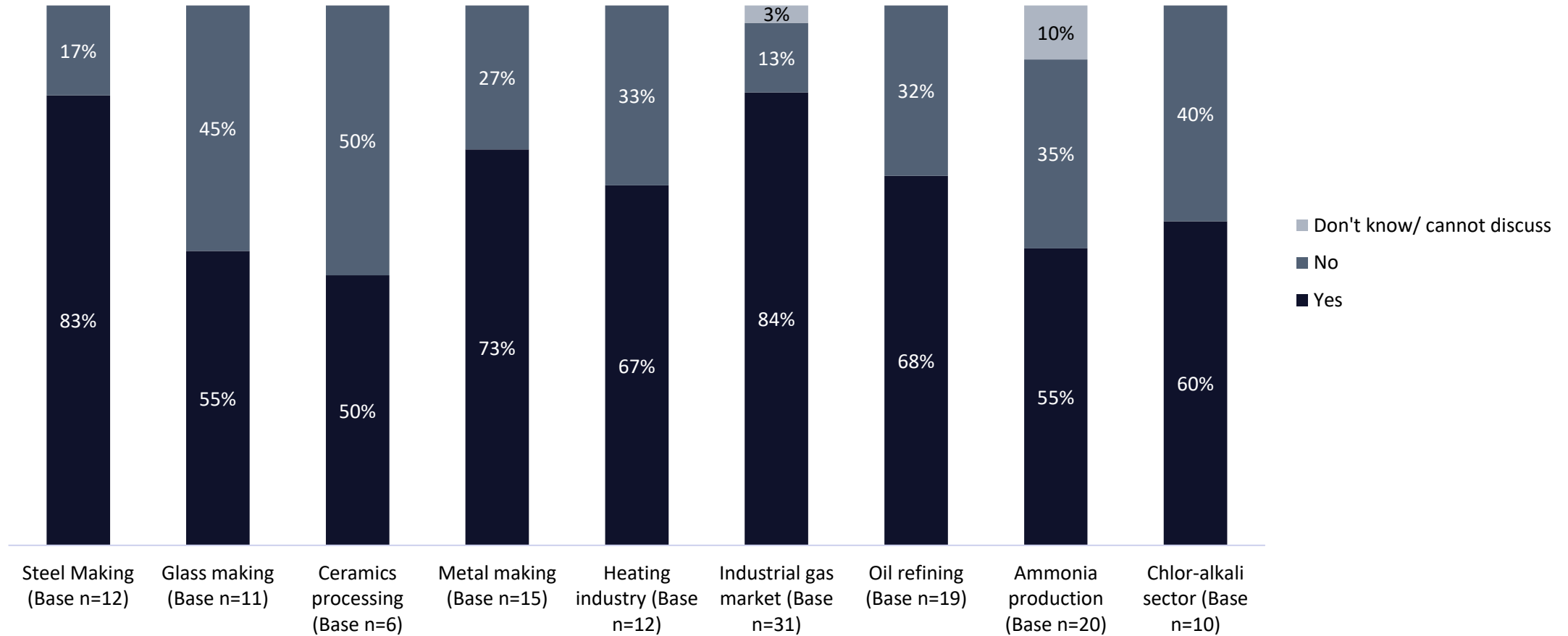
Q21_8: Will these impacts be beneficial or detrimental to the listed sectors? - Ammonia production



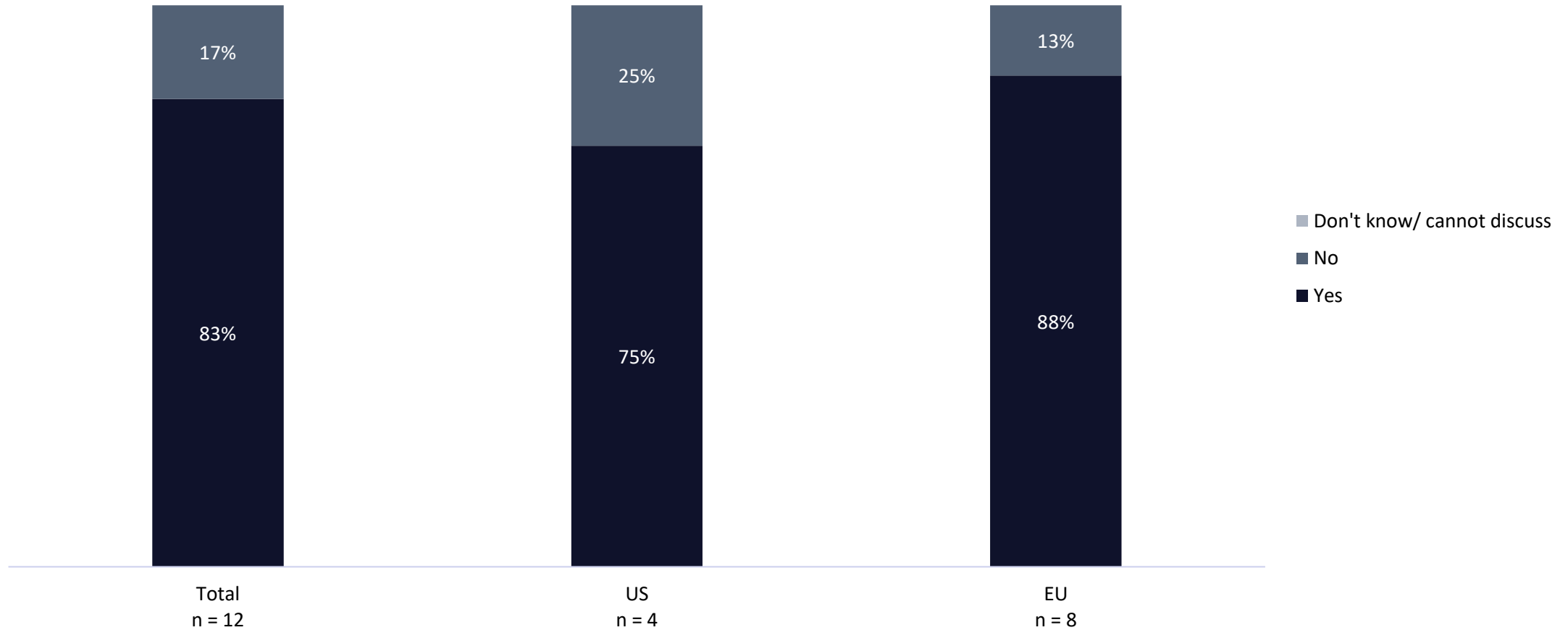
Q21_9: Will these impacts be beneficial or detrimental to the listed sectors? - Chlor-alkali sector



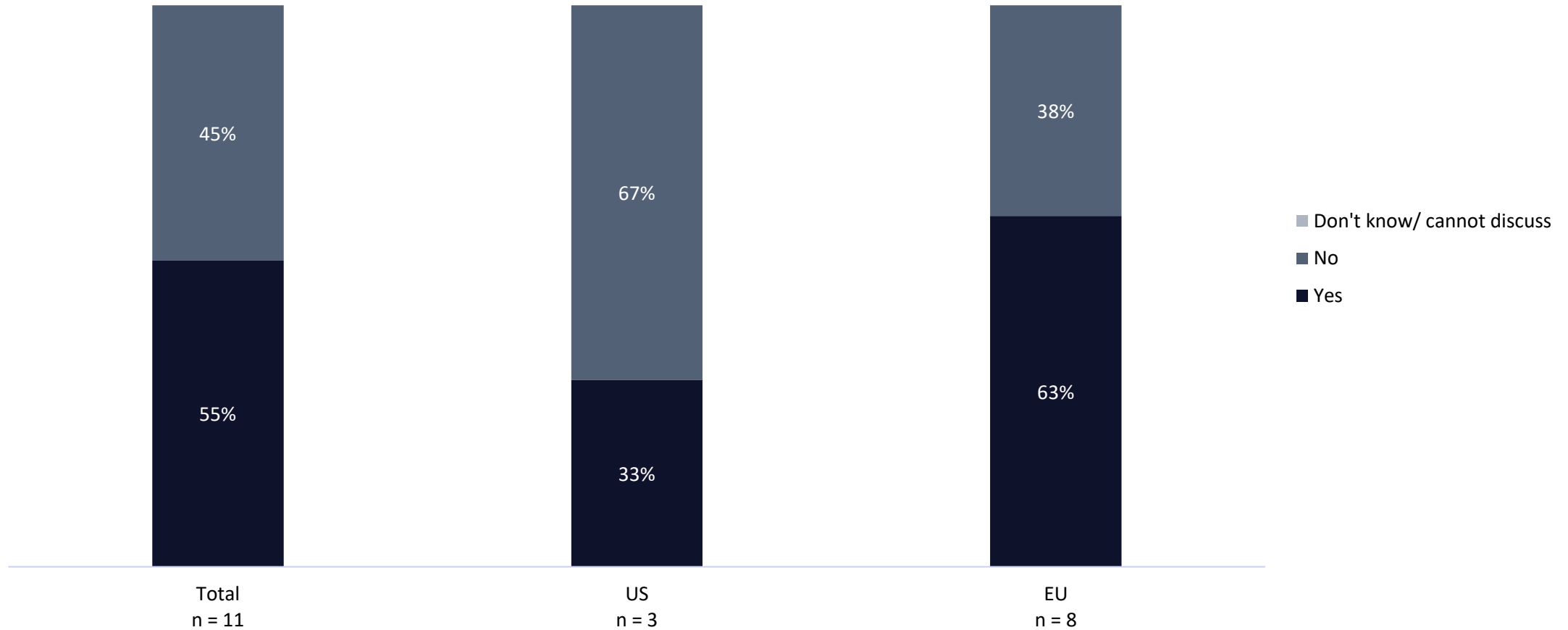
Q22: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise?



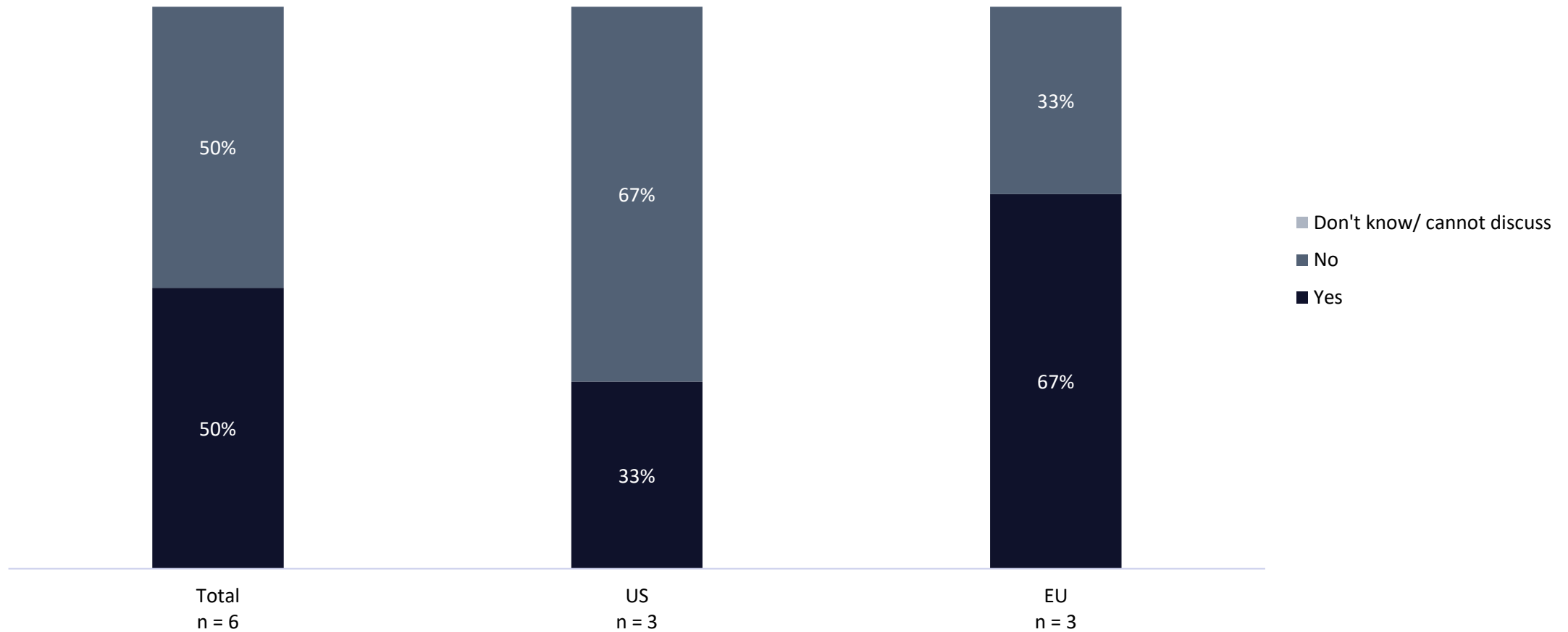
Q22_1: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Steel Making



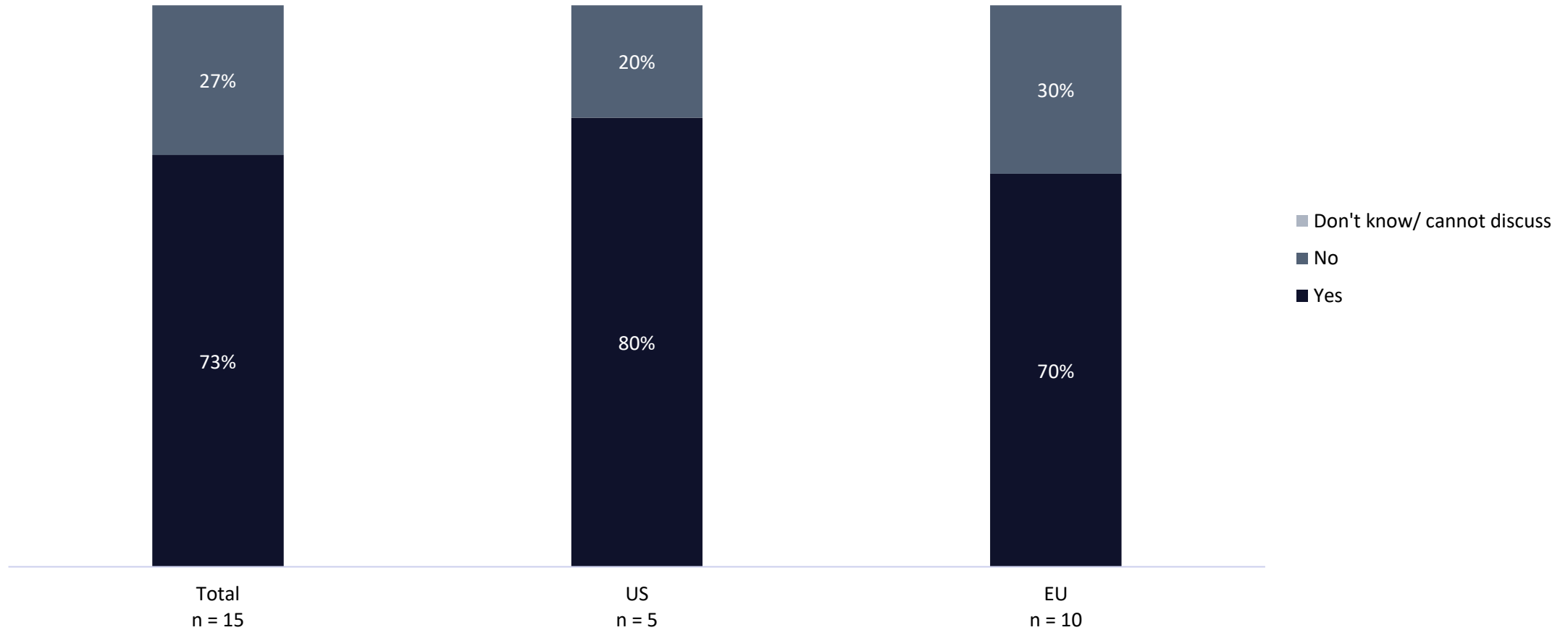
Q22_2: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Glass making



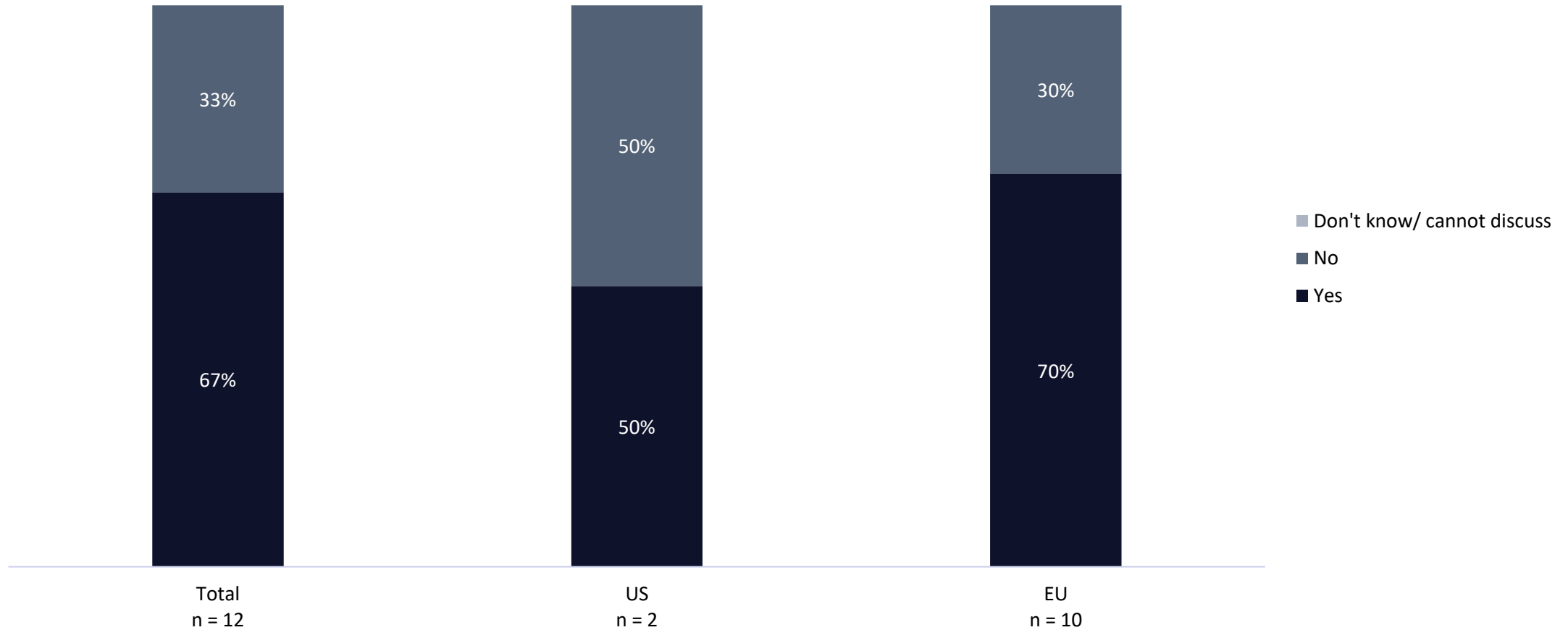
Q22_3: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Ceramics processing



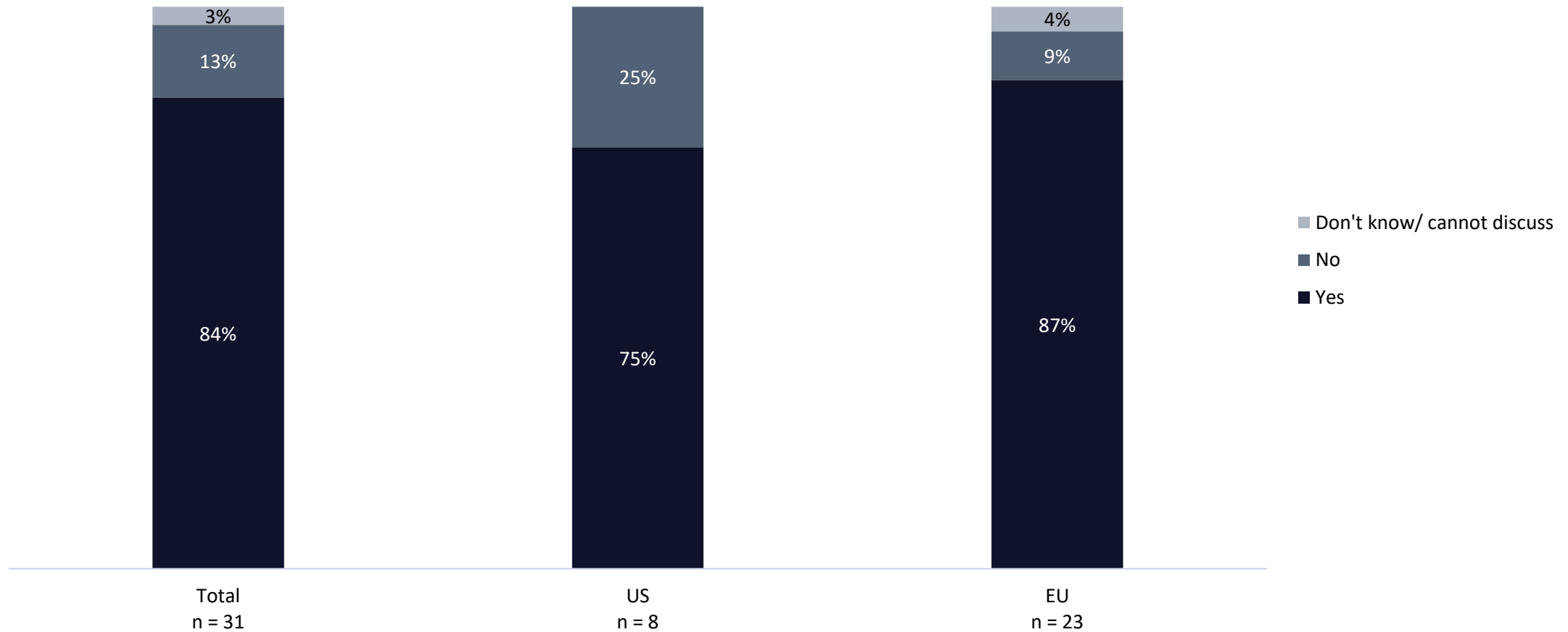
Q22_4: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Metal making



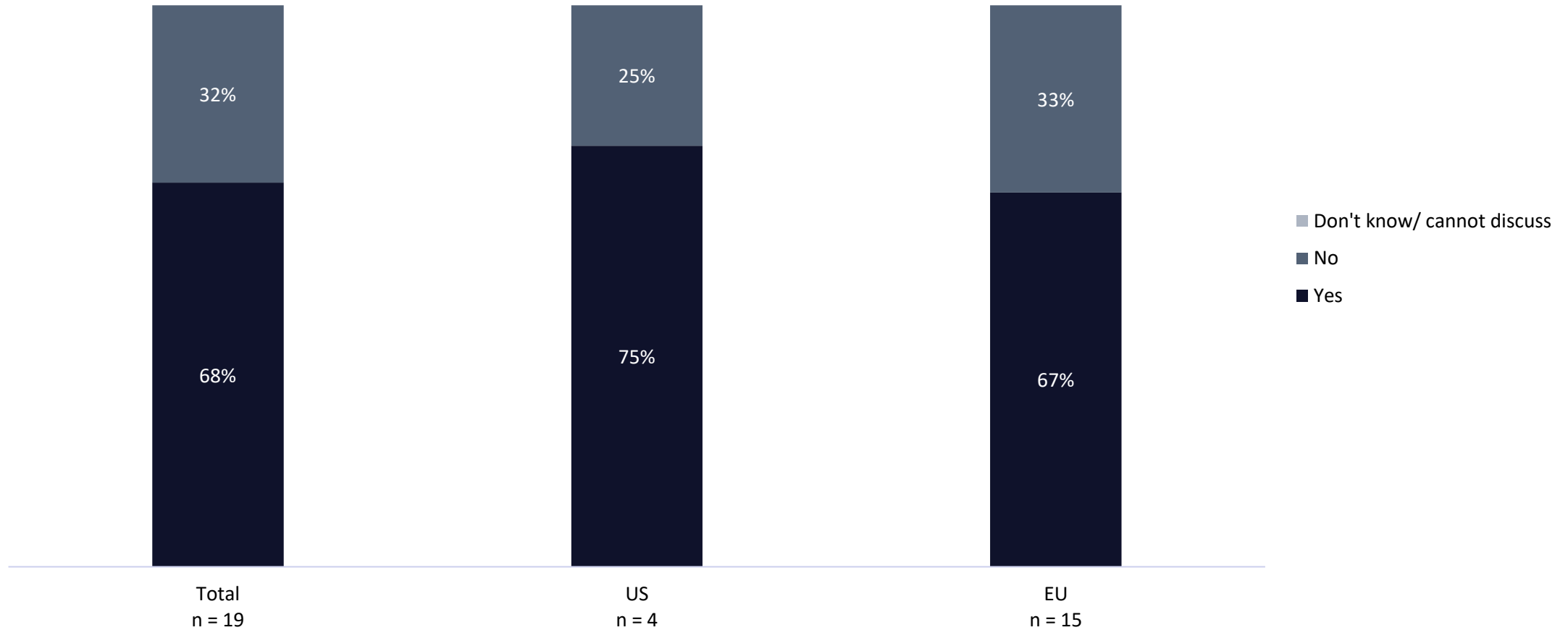
Q22_5: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Heating industry



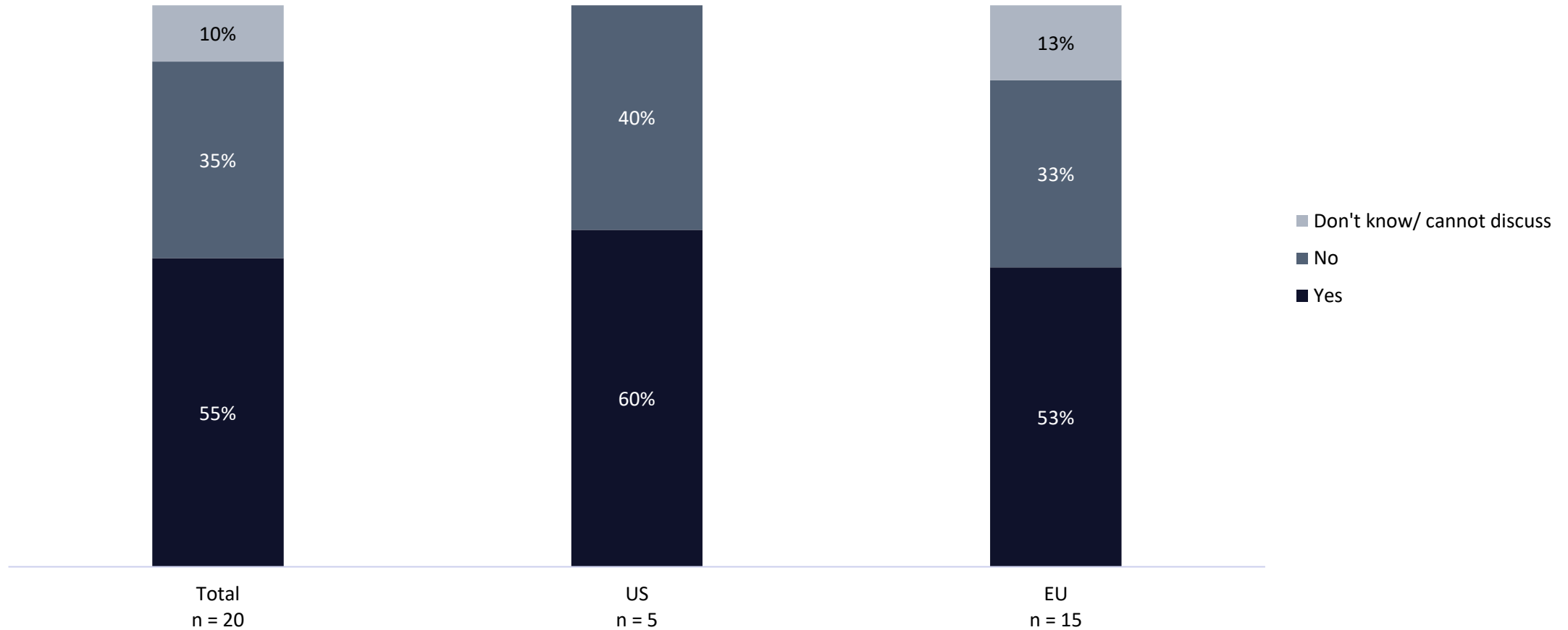
Q22_6: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Industrial gas market



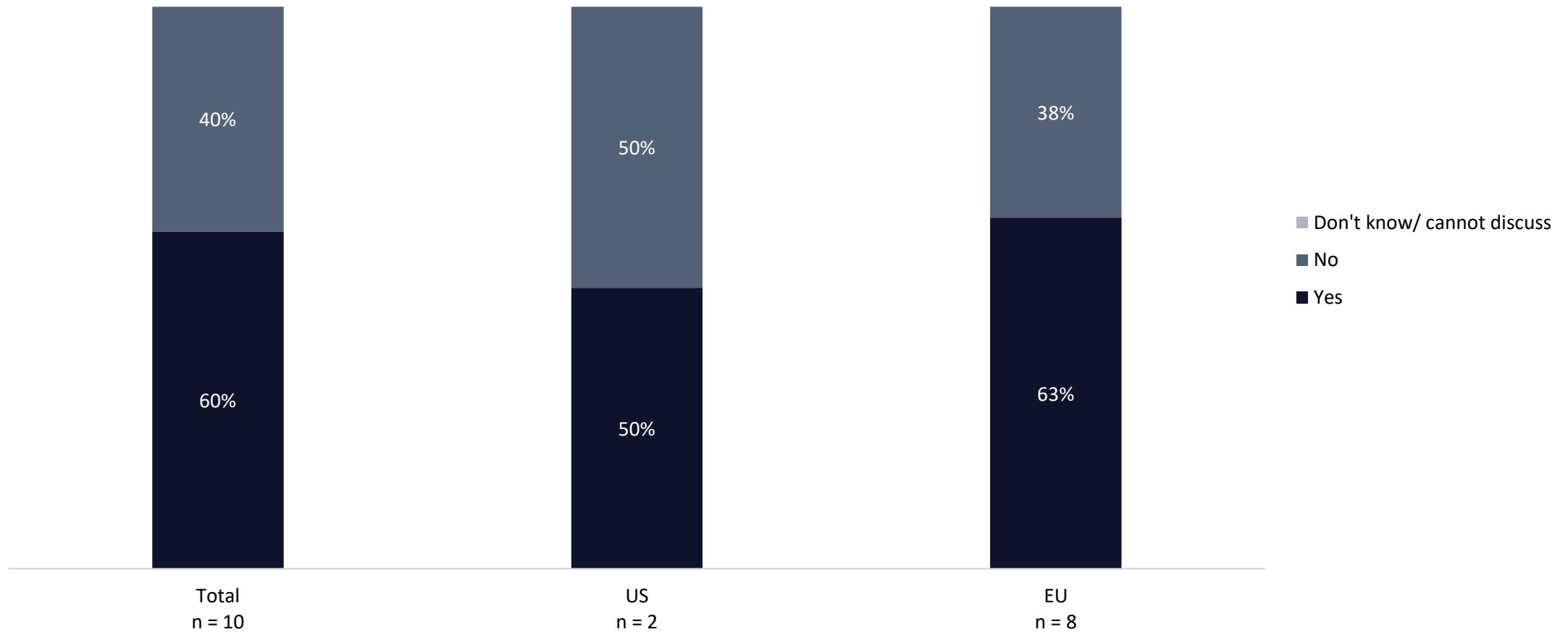
Q22_7: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Oil refining



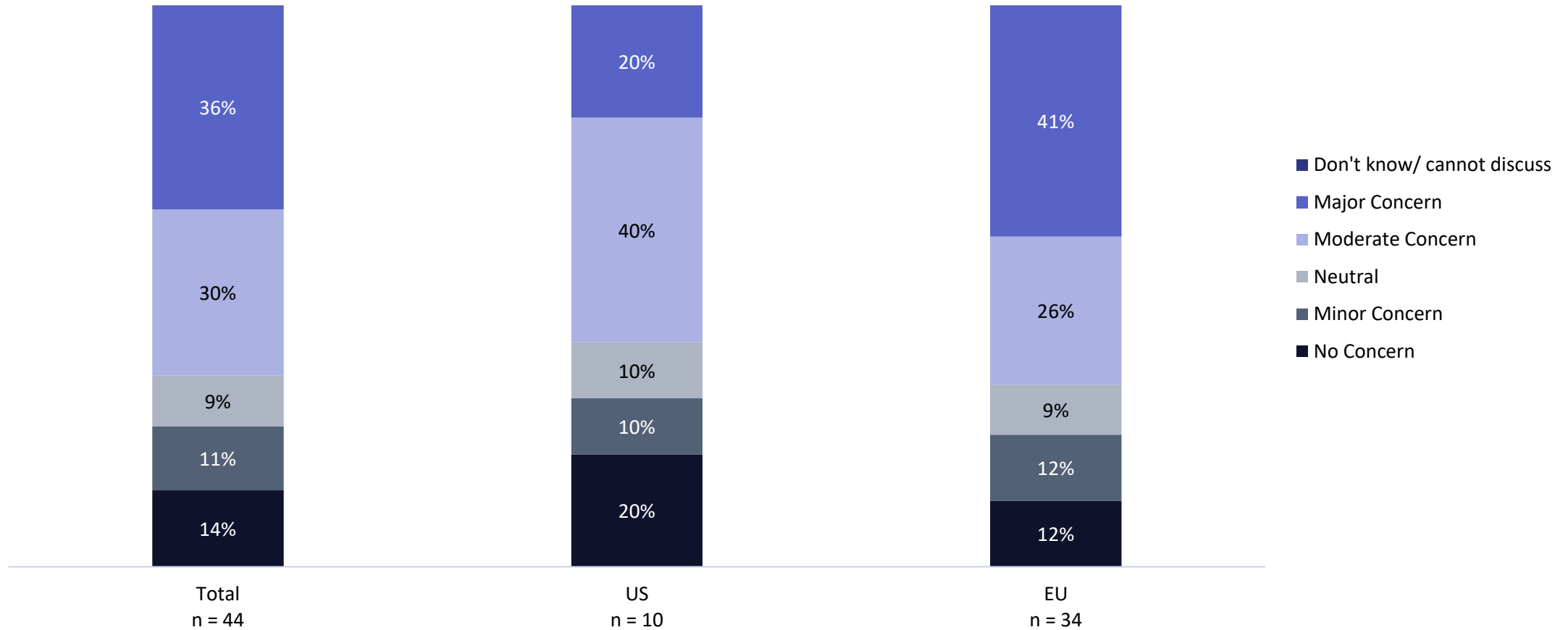
Q22_8: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Ammonia production



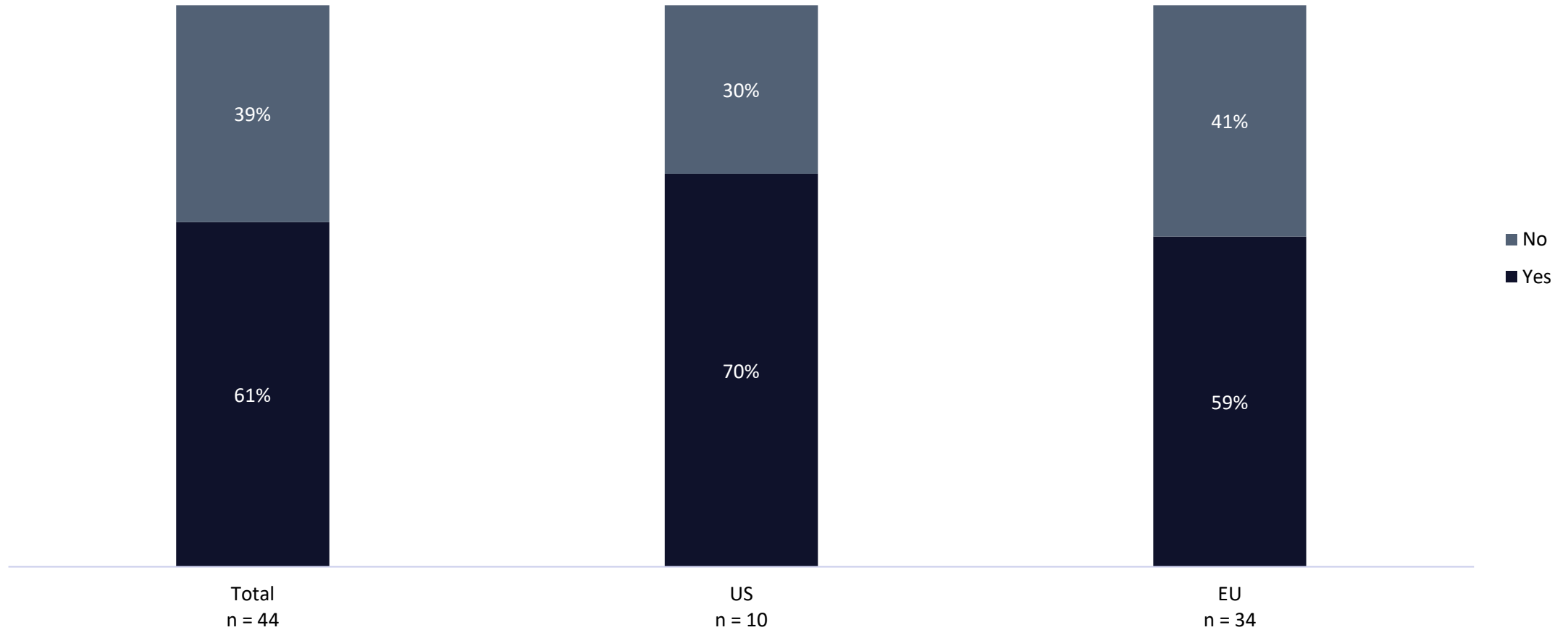
Q22_9: Is the use of hydrogen as a clean fuel being promoted in your sector(s) of expertise? - Chlor-alkali sector



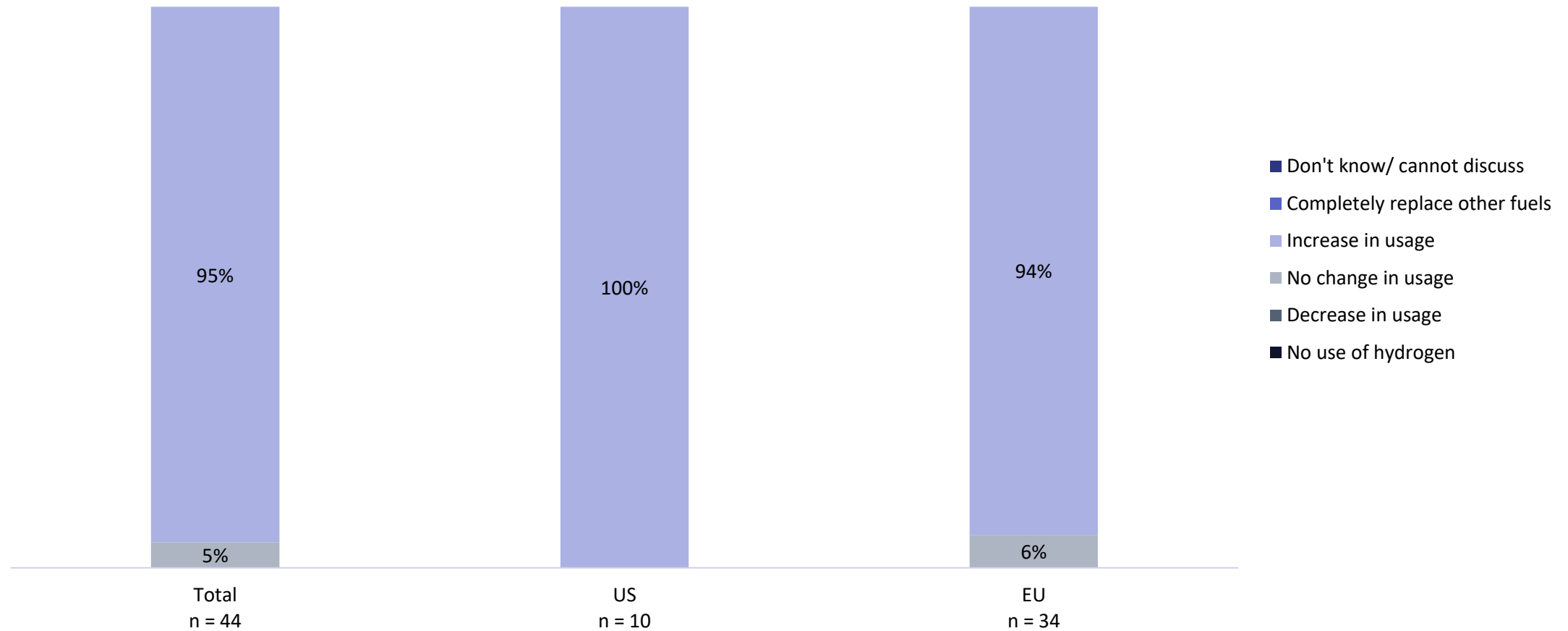
Q23: To what extent is hydrogen safety a concern to you?



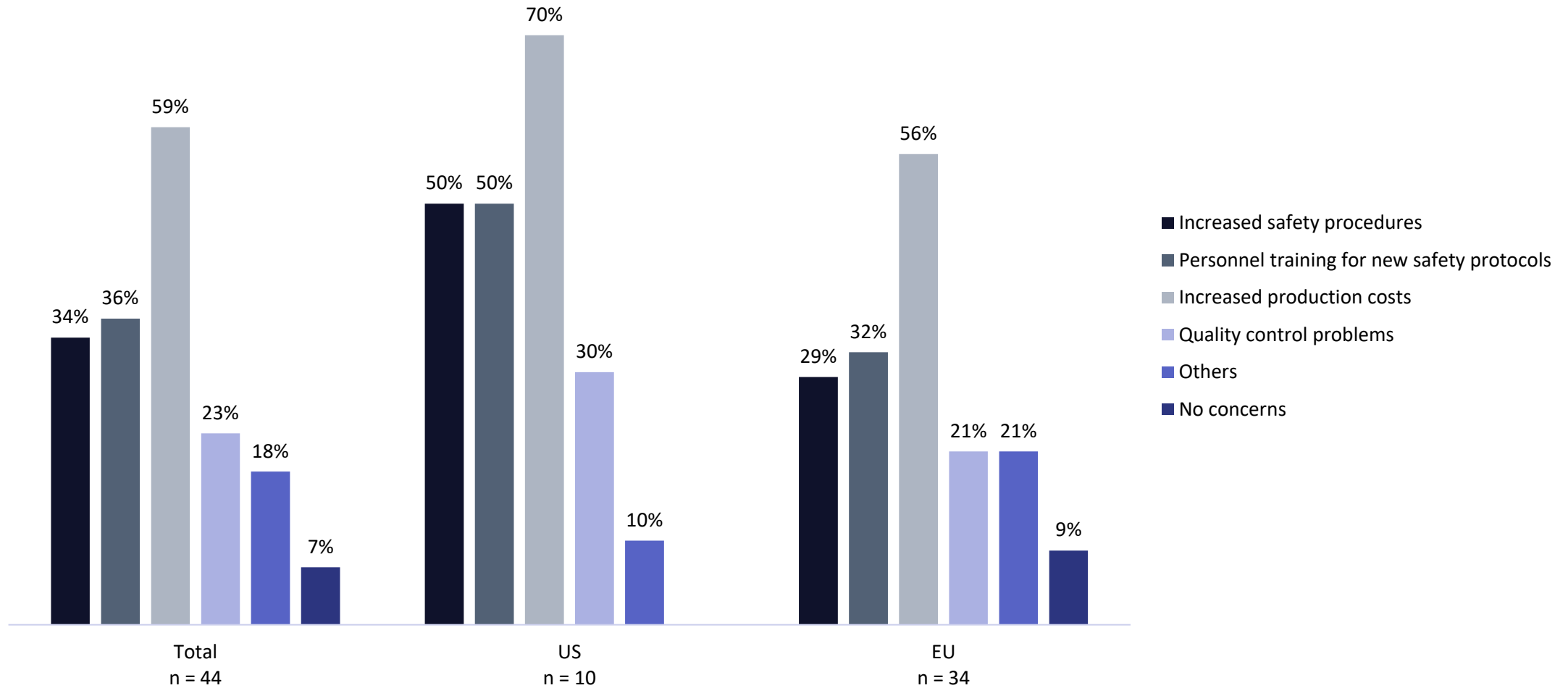
Q24: Are you aware of any support mechanisms/information to help understand the use of hydrogen in industrial processes?



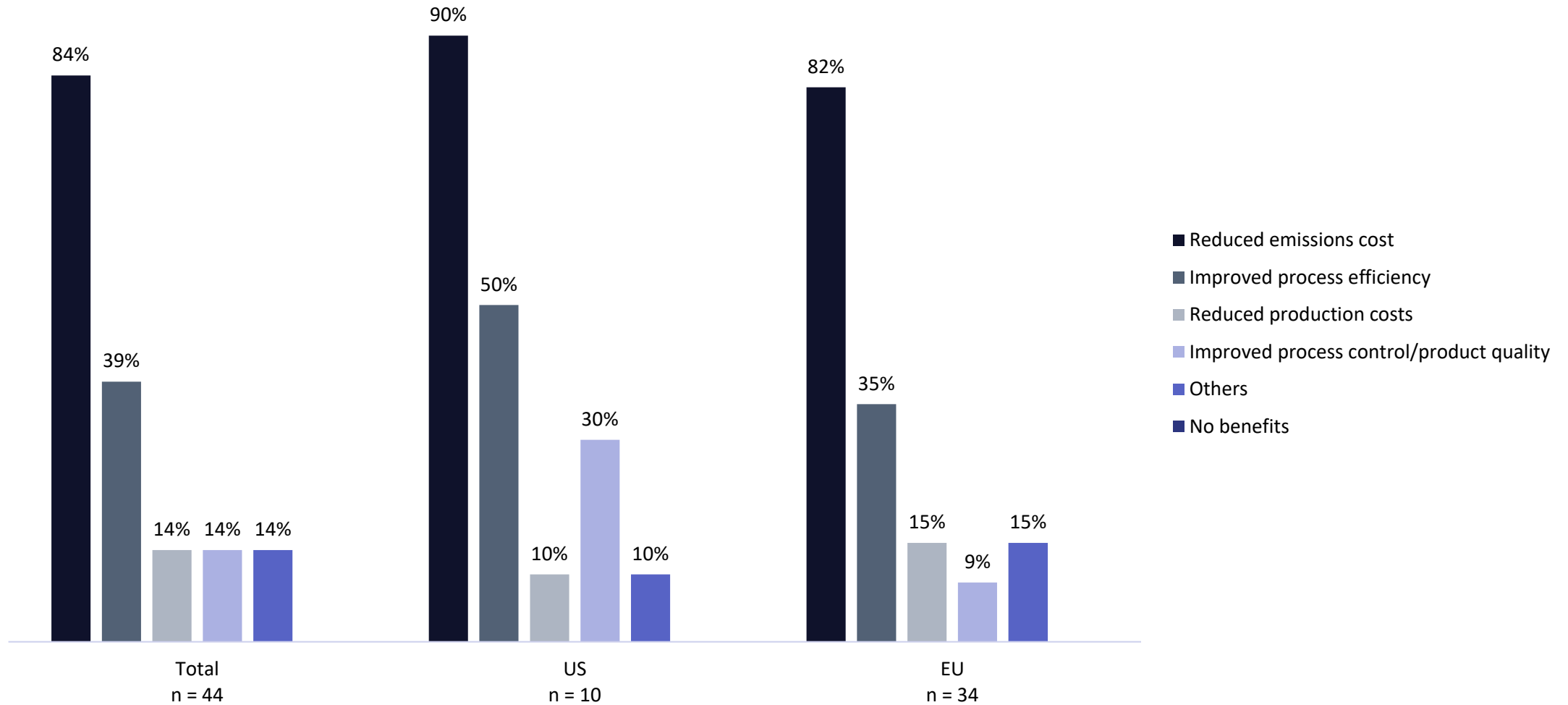
Q25: In 5 years' time, what are your views on the use of hydrogen in the sector(s) of your expertise?



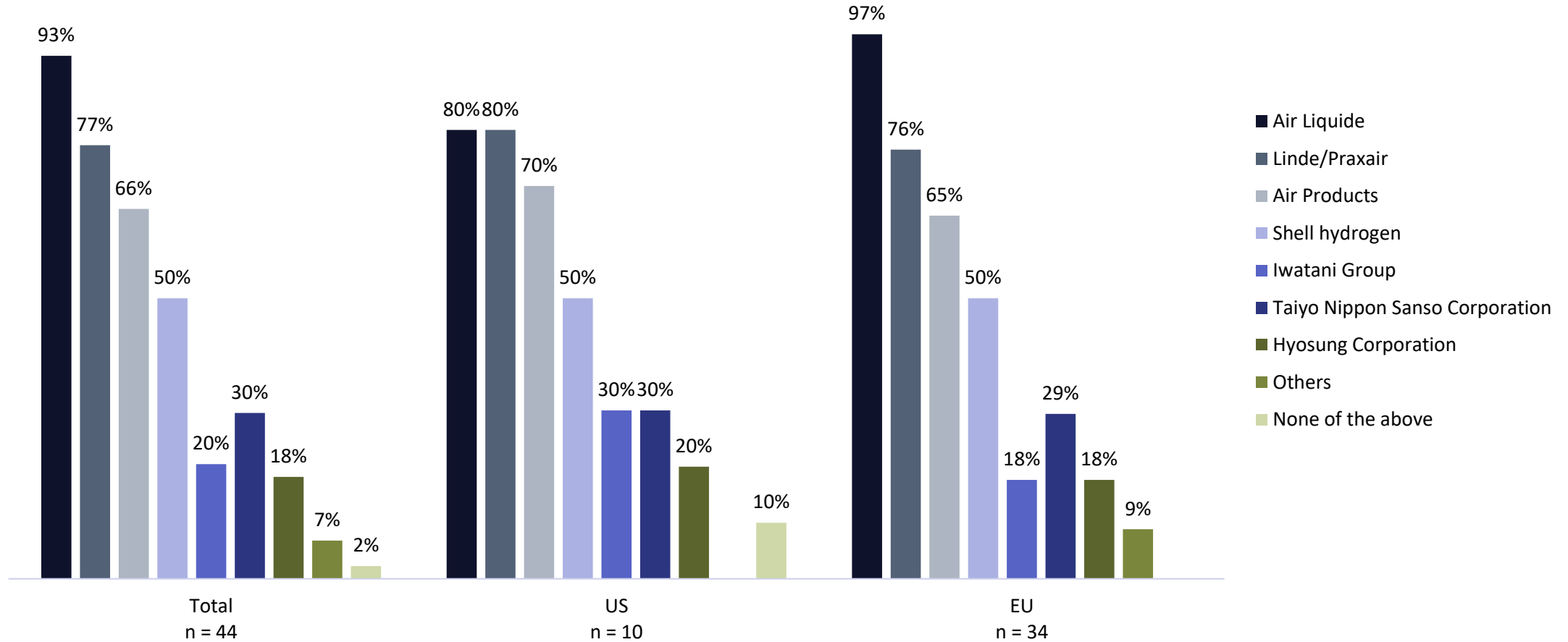
Q26. What are your major concerns about the use of hydrogen?



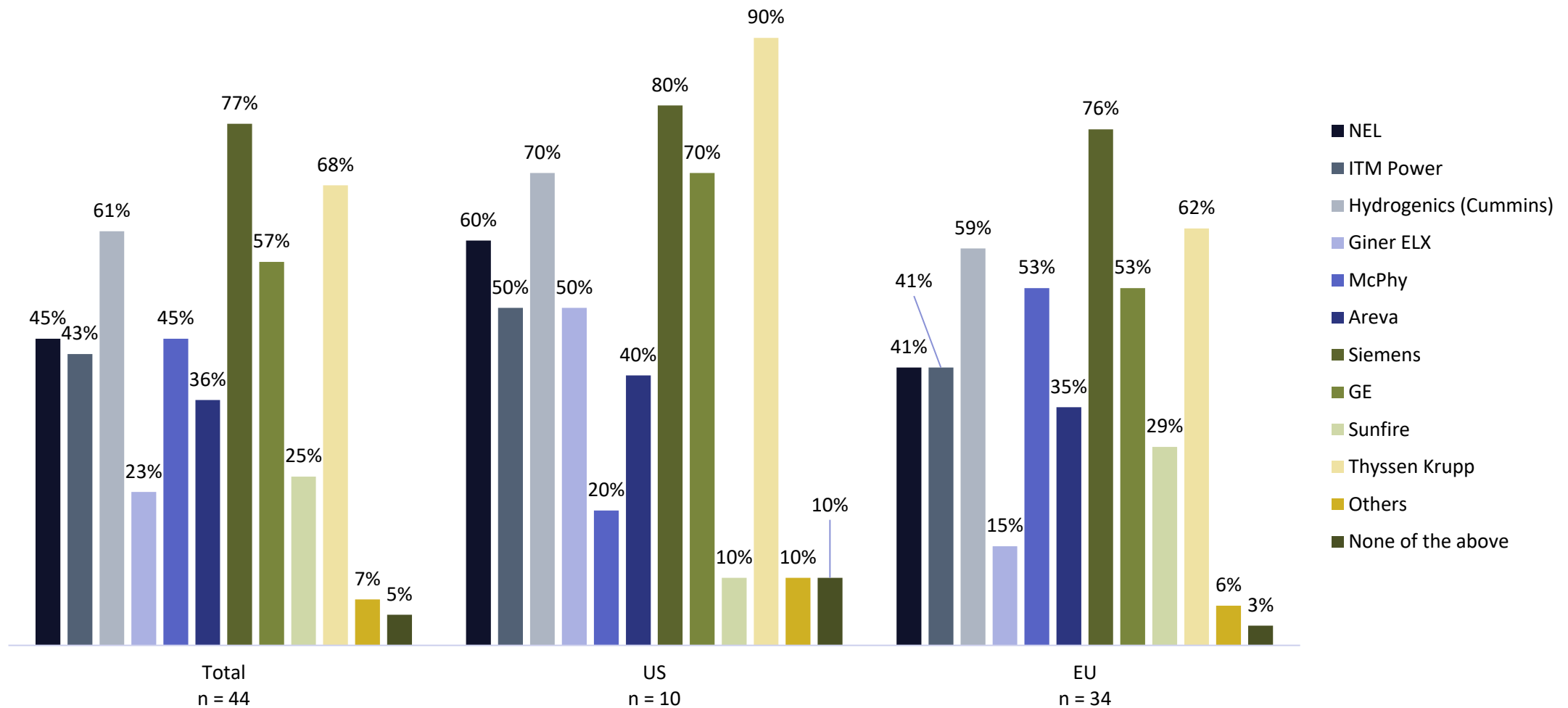
Q27. What would be the major benefit from using hydrogen?



Q28. Are you aware of any of the following hydrogen organisations?



Q29. Are you aware of the following electrolyzer manufacturers?



OQ: As a reminder, you must not disclose any confidential or material, non-public information in your responses to the questions in this survey. The client commissioning this survey could be seriously harmed if you were to do so. Accordingly, do you agree that: You will not provide any information that you have a contractual or legal duty to keep confidential; You will not provide any information that identifies you or your employer (if applicable) in any comment box in the survey; and You will decline to answer any question in the survey in order to comply with your obligations to past or present employers or other third parties.

