

Actors' views on regulations and permitting: Results from a survey

Session Hydrogen safety in a new energy landscape,
10:00–11:00 23 January

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Introduction

- Large-scale hydrogen applications pose societal challenges
- Fragmented regulatory framework
- Ongoing survey (pre-study), preliminary findings



Survey

Interviews

Analysis

Introduction to questions



REGULATORY
FRAMEWORK



PERMIT PROCESS

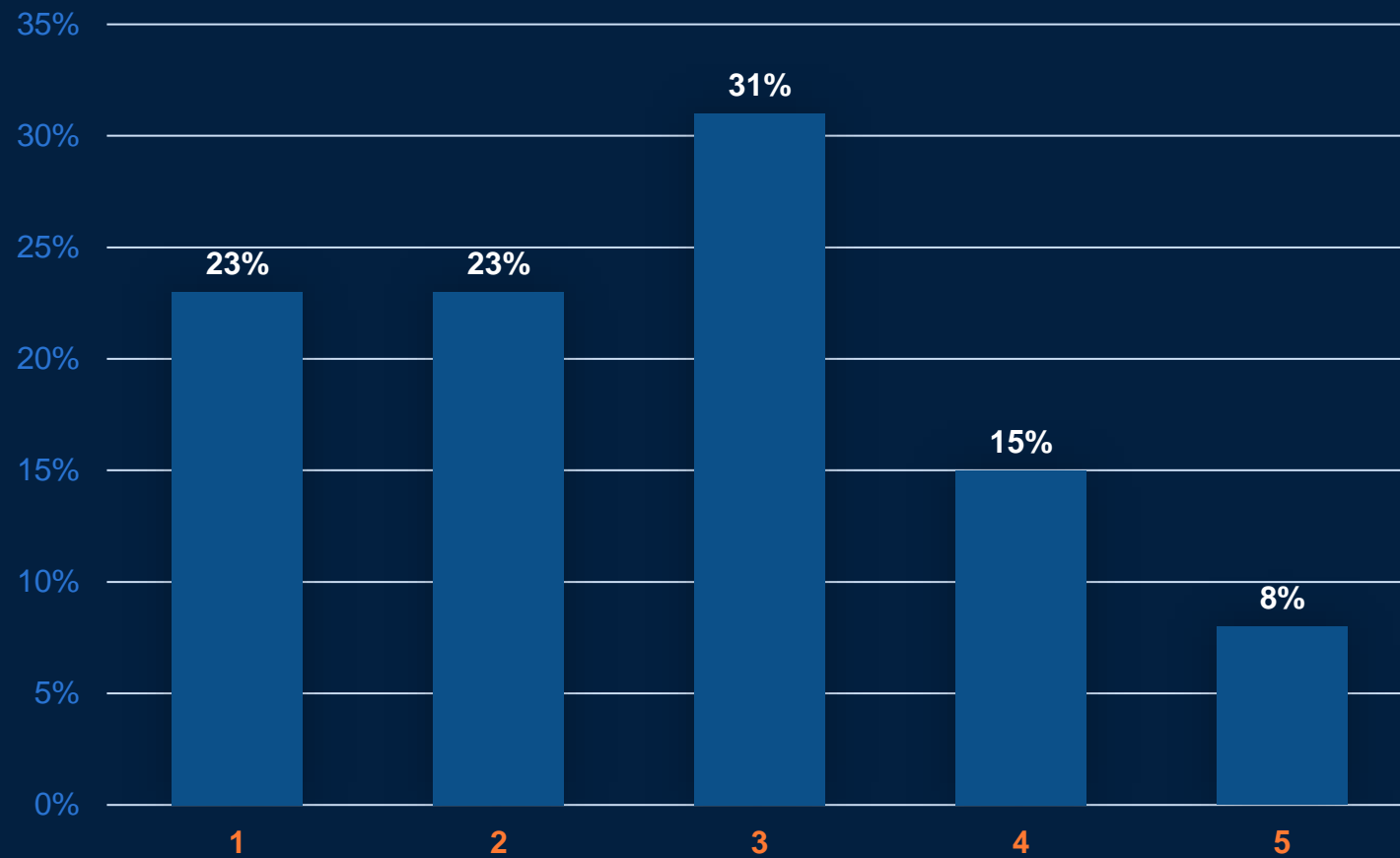


CHANGES

Regulatory framework

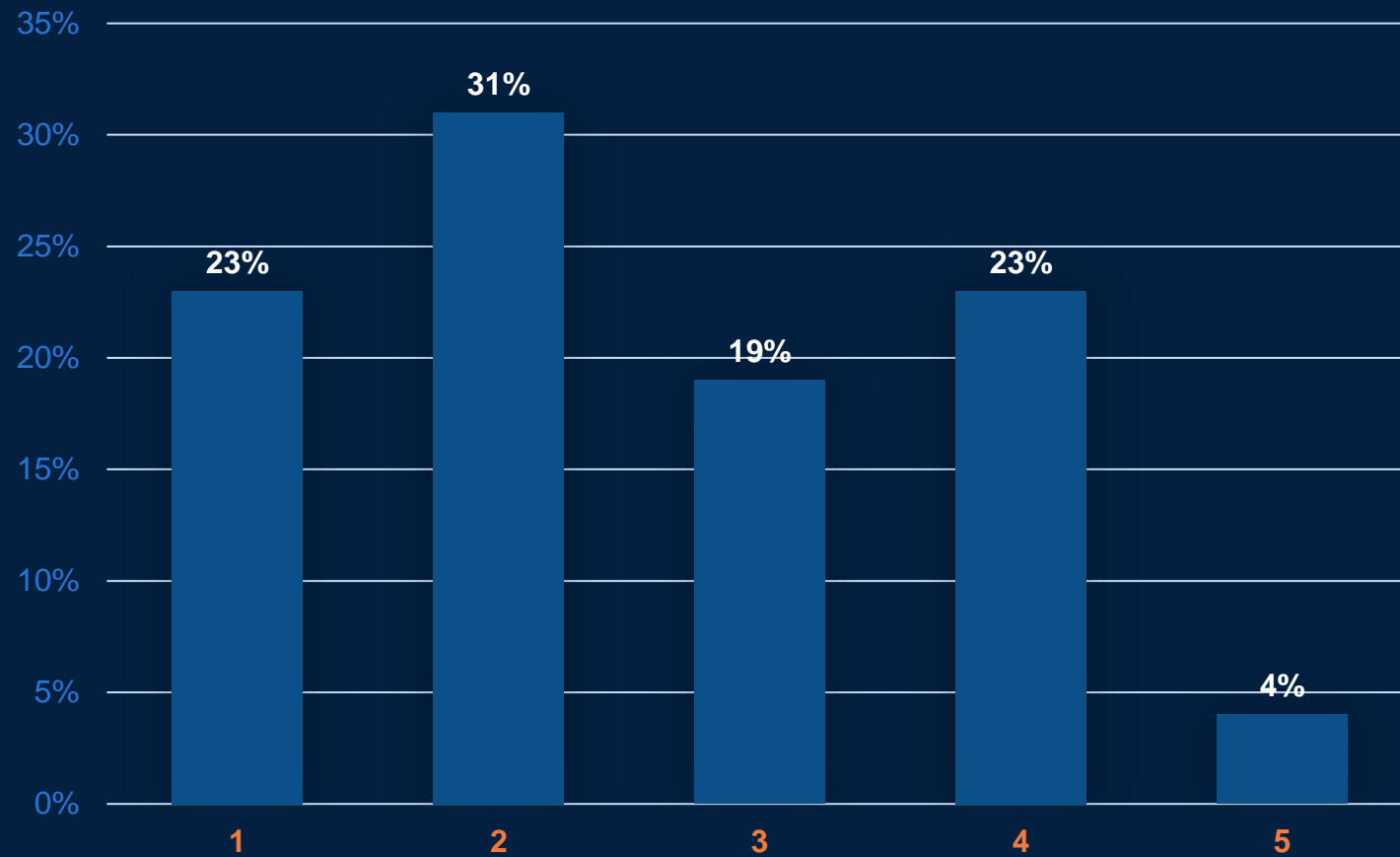
Q1

To what degree do you perceive that the regulations affecting your hydrogen activity are **clear** (1-5) (avg. 2.62)



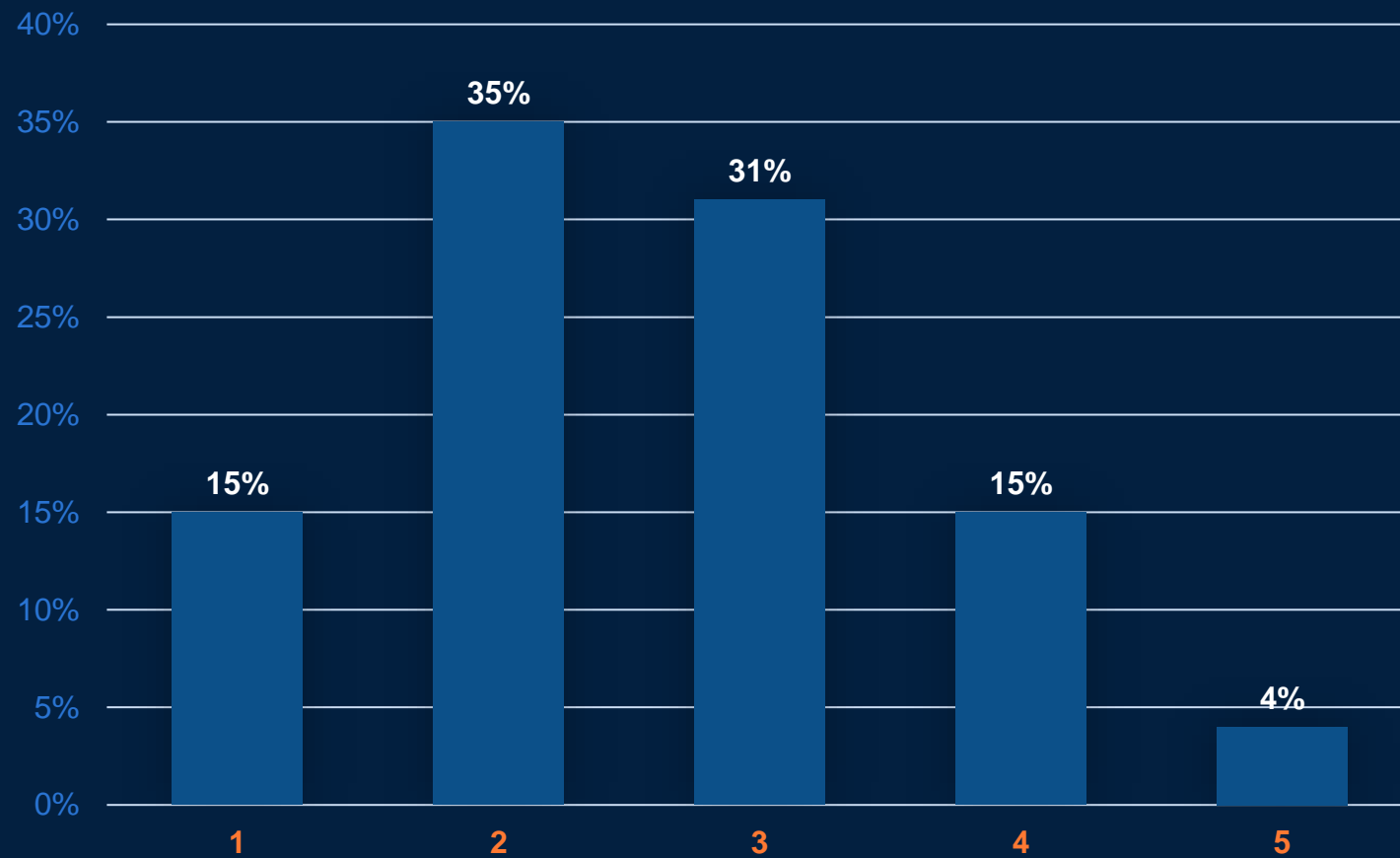
Q2

To what degree do you perceive that the regulations affecting your hydrogen activity are **expedient** (1-5) (avg. 2.54)



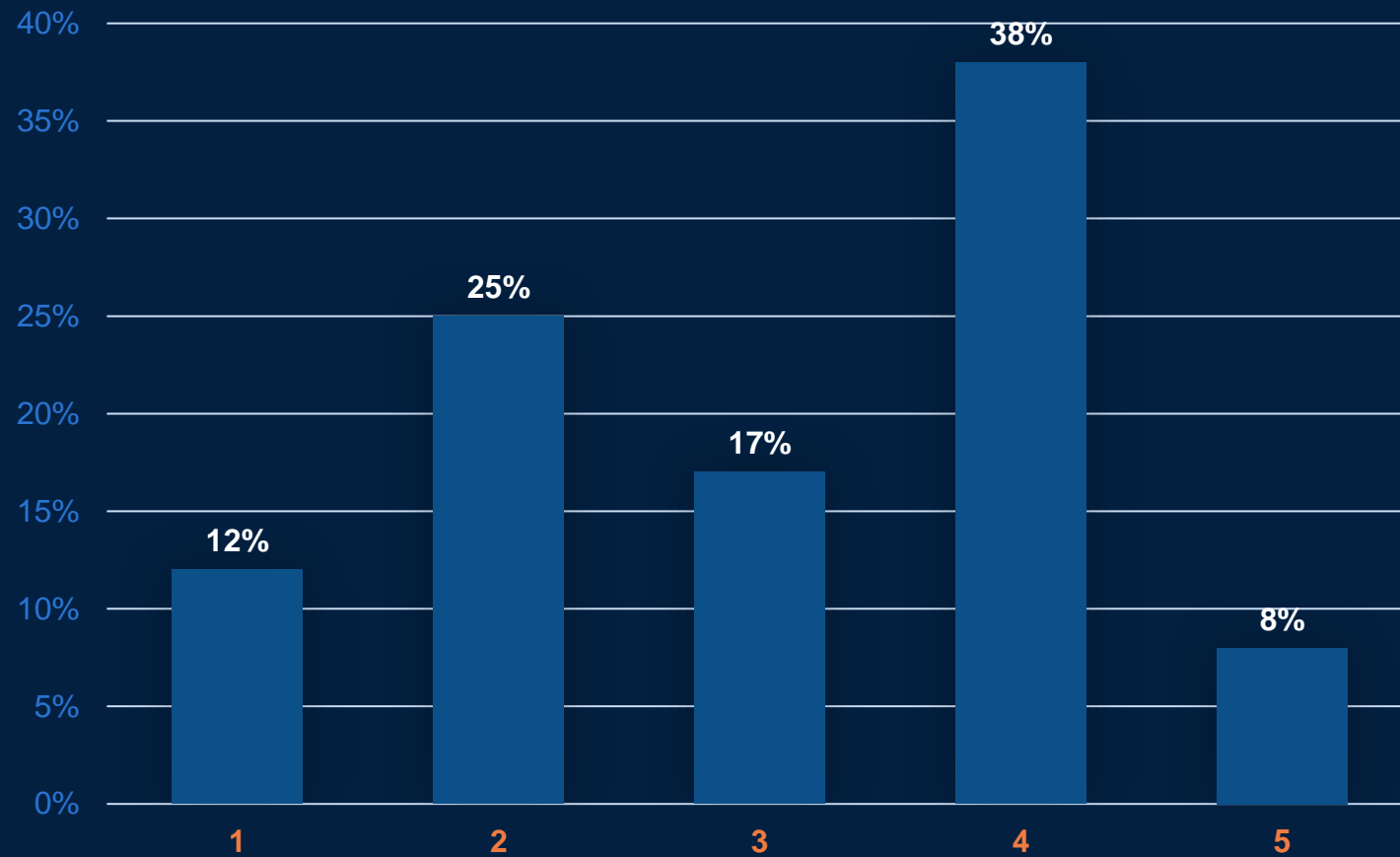
Q3

To what degree do you perceive that the regulations affecting your hydrogen activity are **predictable** (1-5) (avg. 2.58)

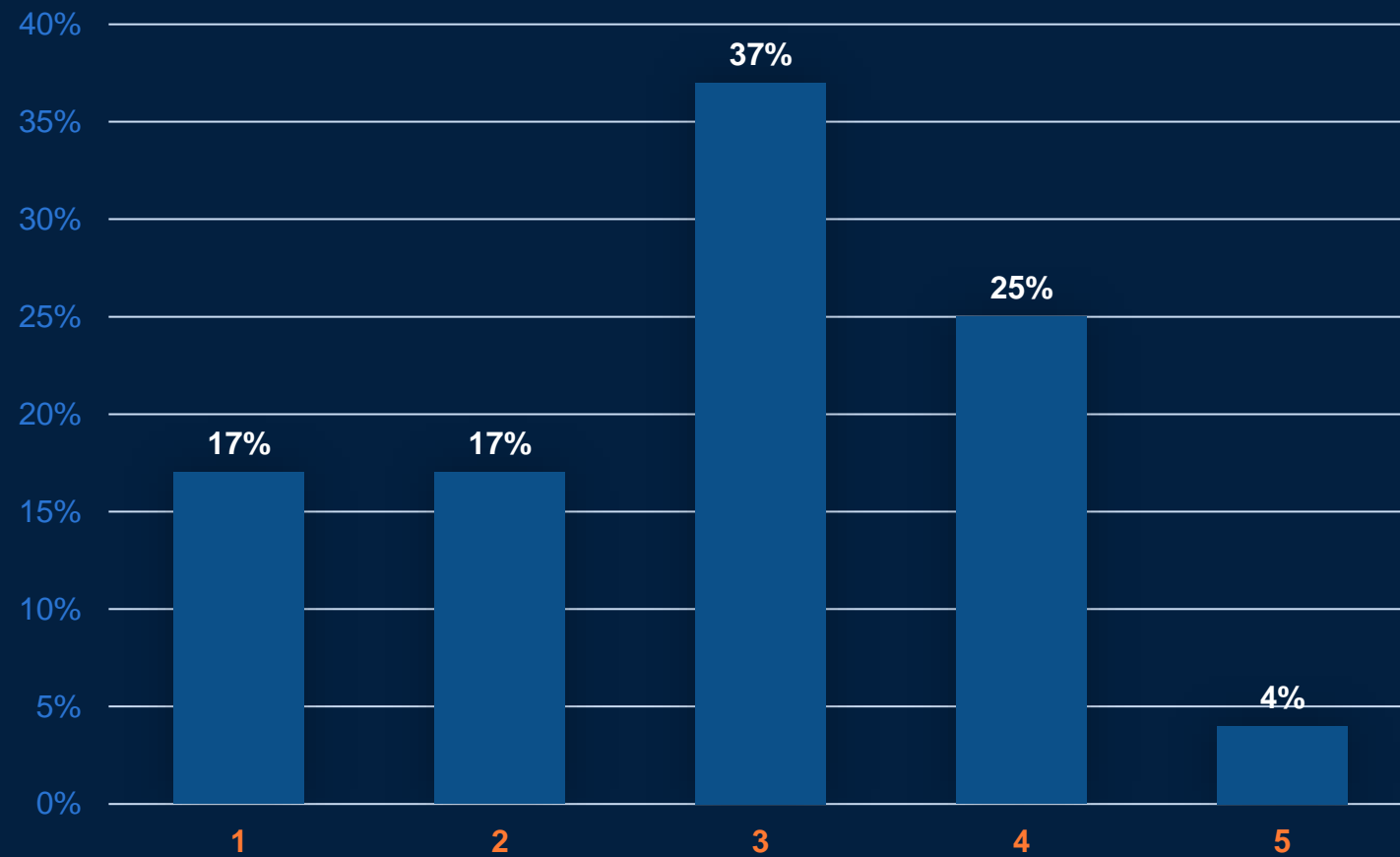


Permit process

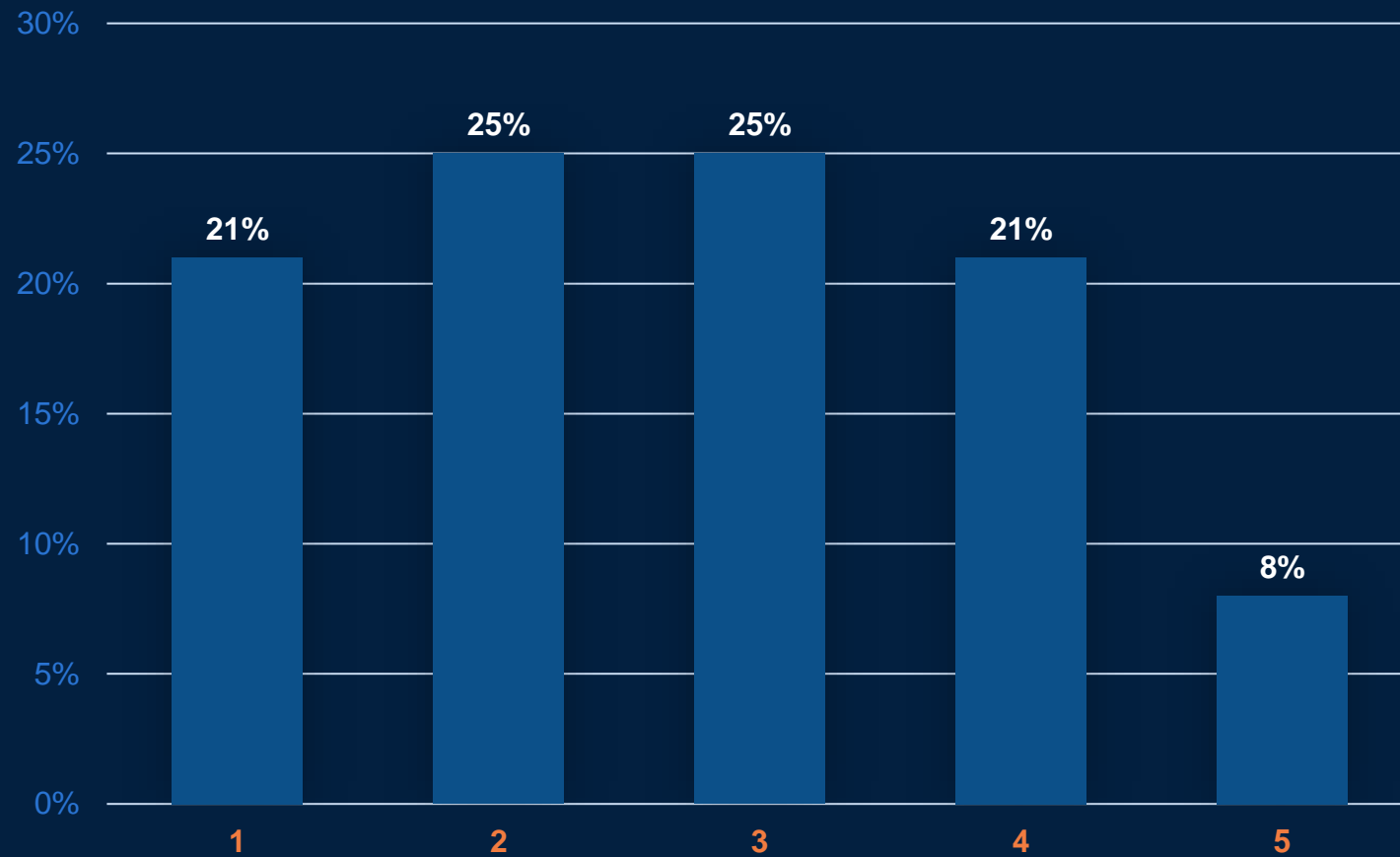
I perceive the permit process as **comprehensible** (1-5) (avg. 3.04)



I perceive the permit process as **transparent** (1-5) (avg. 2.83)

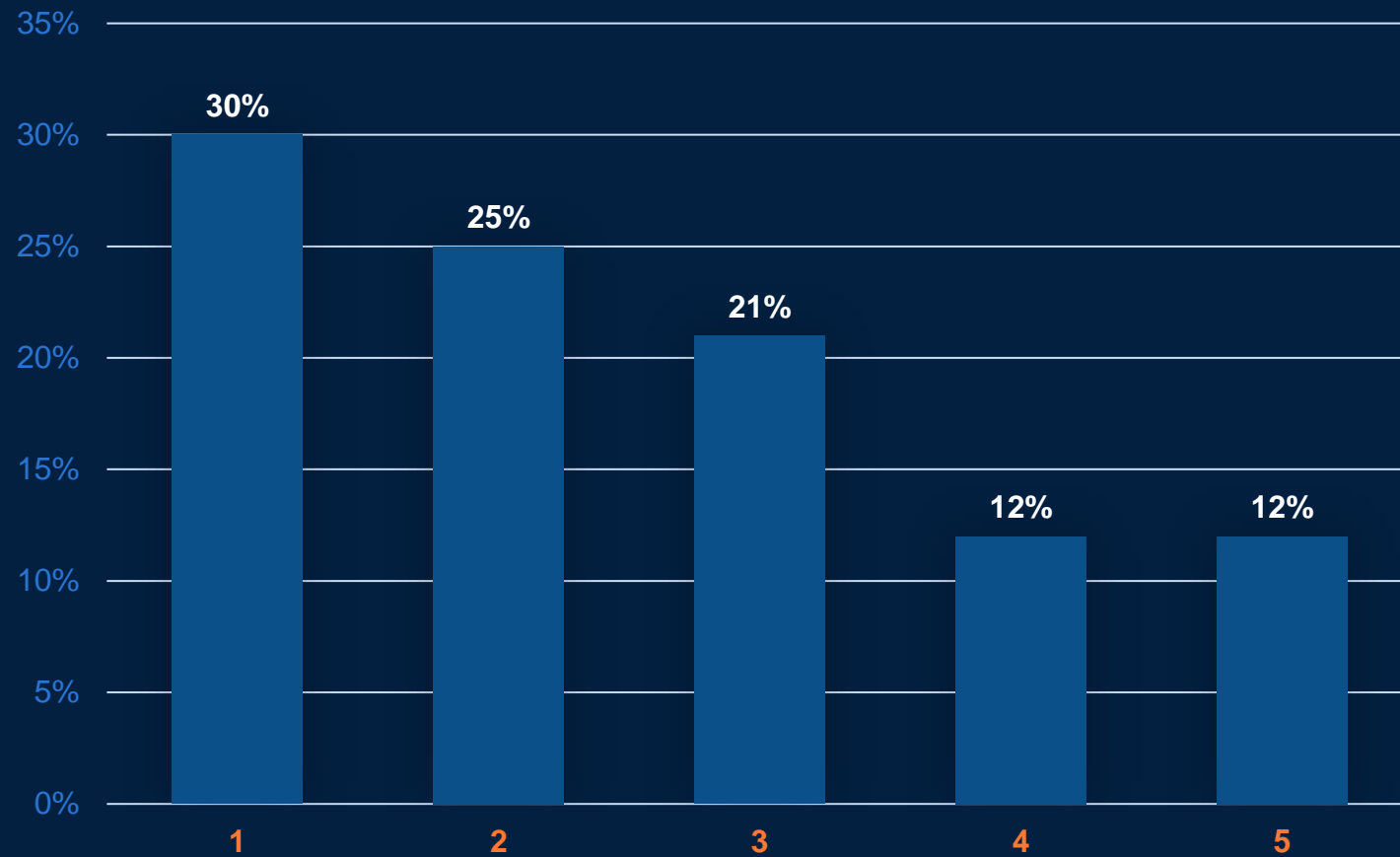


I perceive the permit process as **expedient** (1-5) (avg. 2.71)



Q6

I perceive that the permit authority has **sufficient knowledge** (1-5) (avg. 2.54)



Free-form



GENERAL LACK OF KNOWLEDGE AN
ISSUE

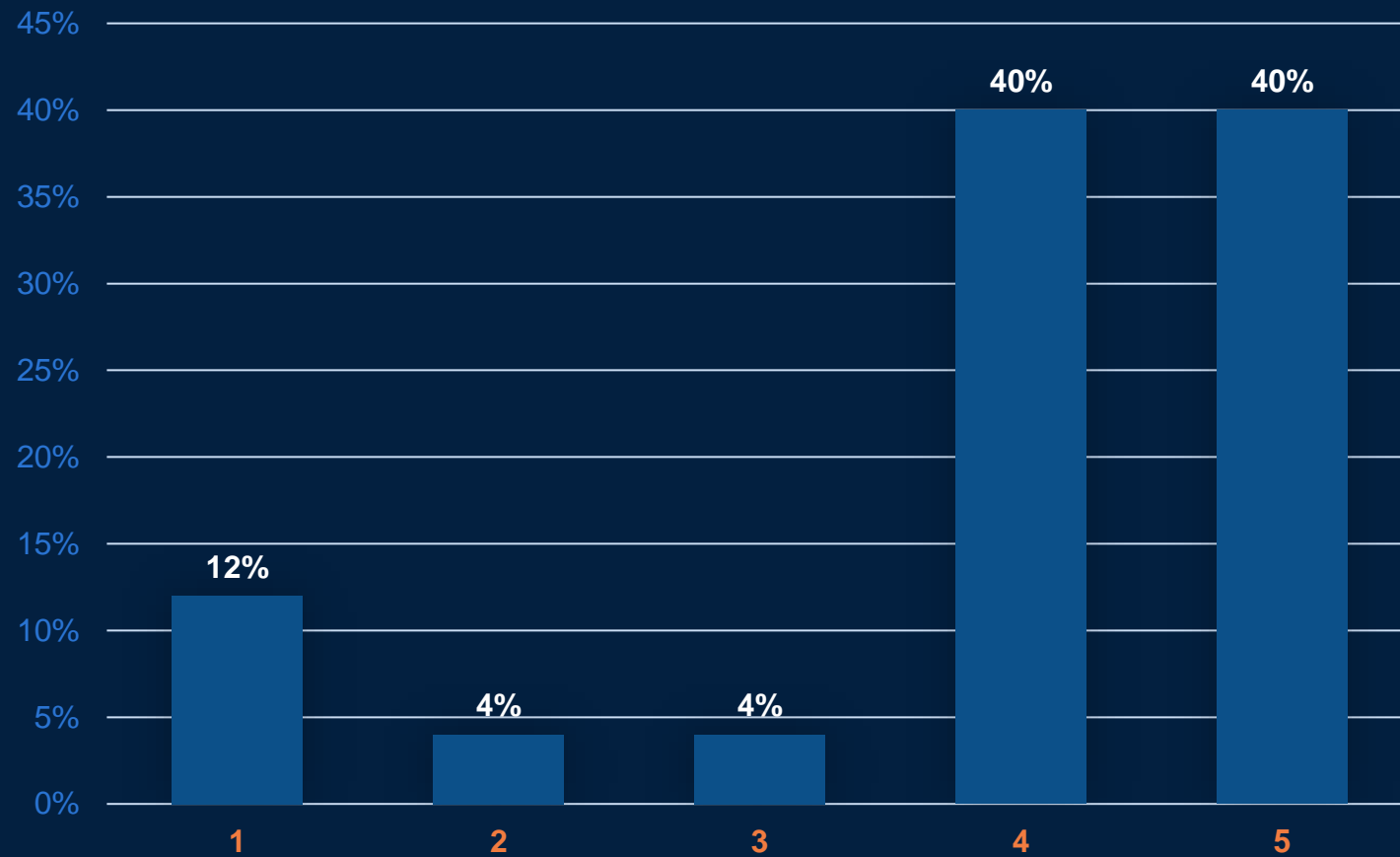


LACK OF A HOLISTIC "HYDROGEN-
STRATEGY" THAT COVERS THE
ENTIRE VALUE-CHAIN

Changes

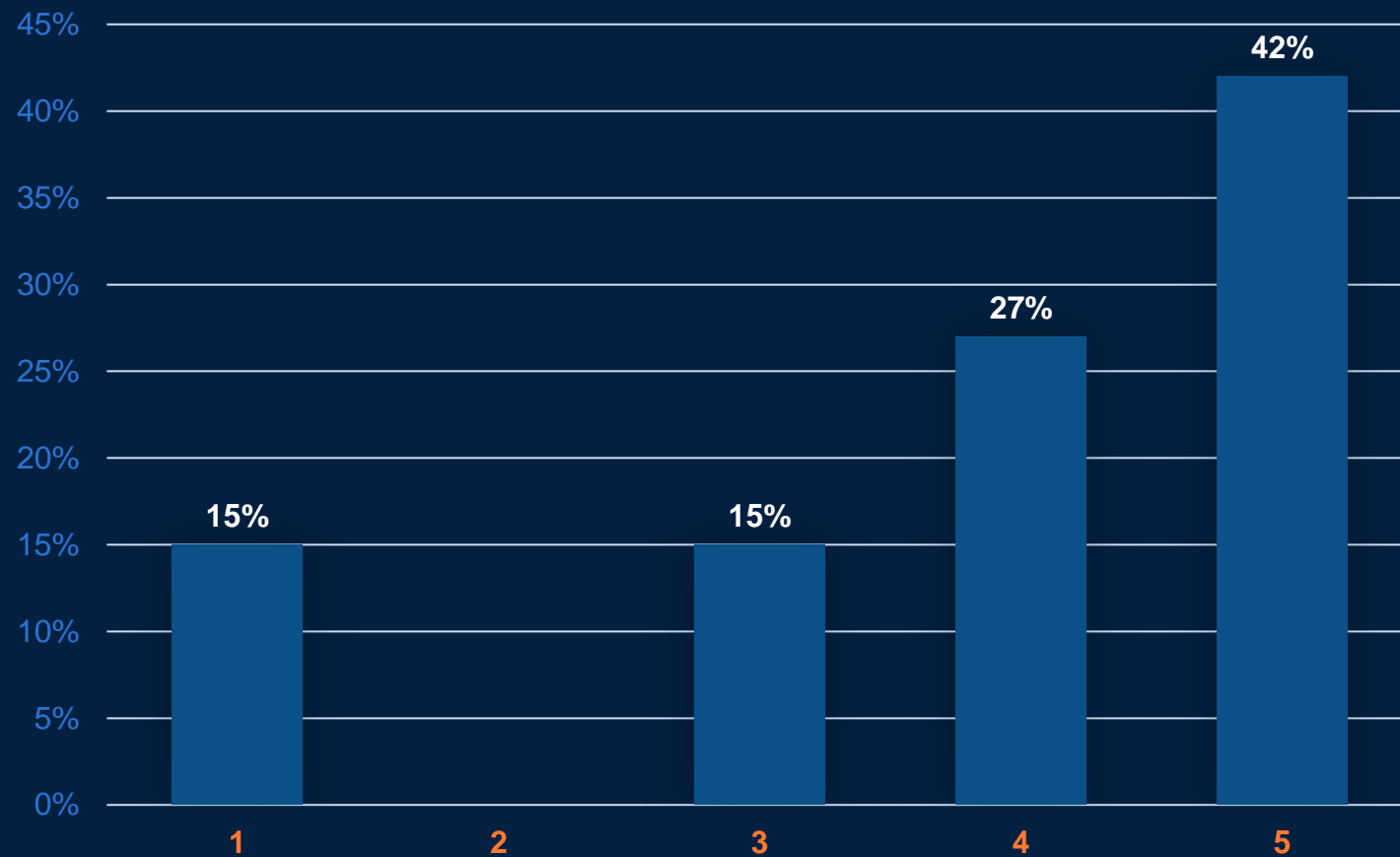
Q1

From your point of view, how important are **technical standards** (1-5) (avg. 3.92)



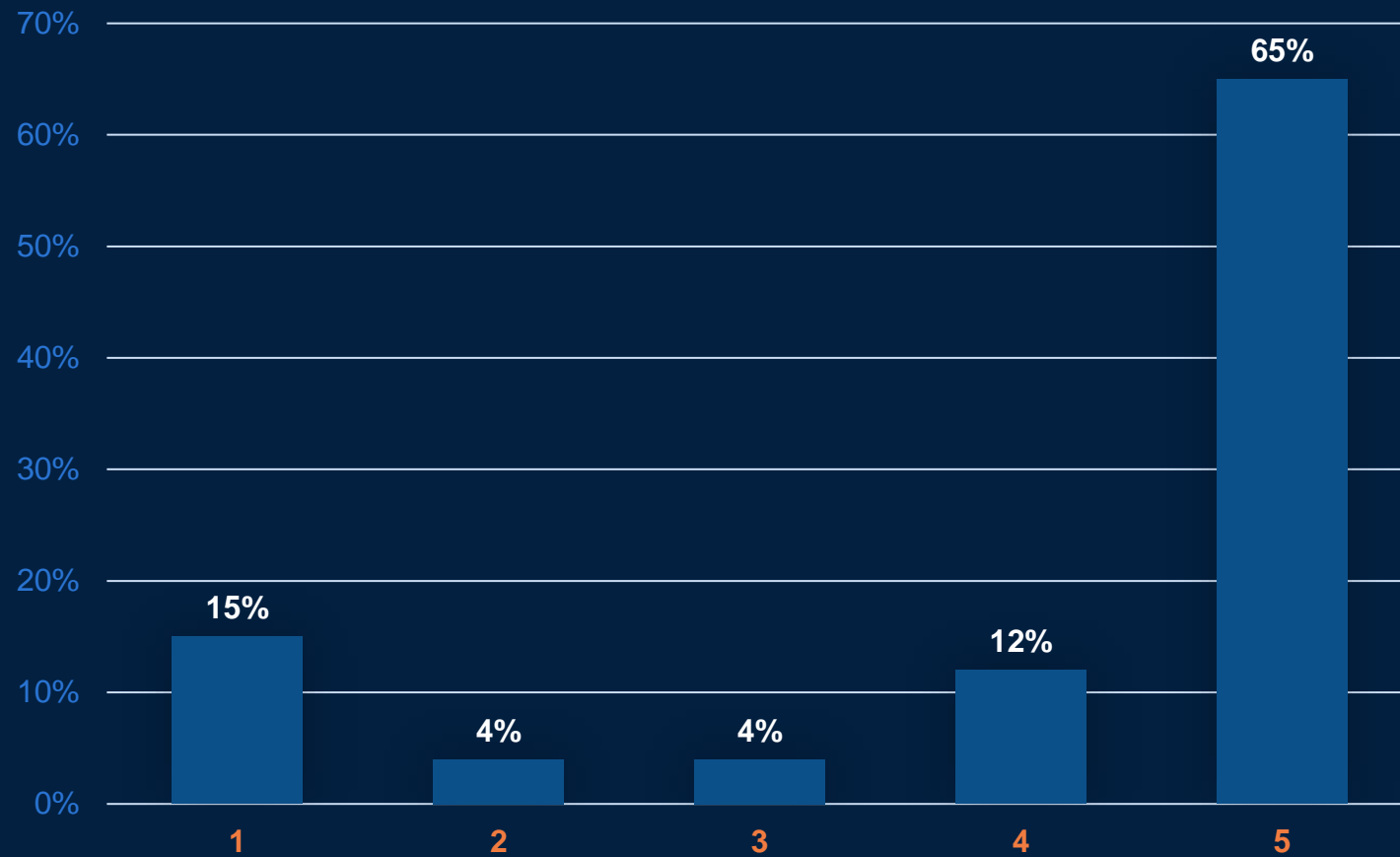
Q2

From your point of view, how important is a **harmonized regulatory** framework for hydrogen on **EU-level** (1-5) (avg. 3.81)



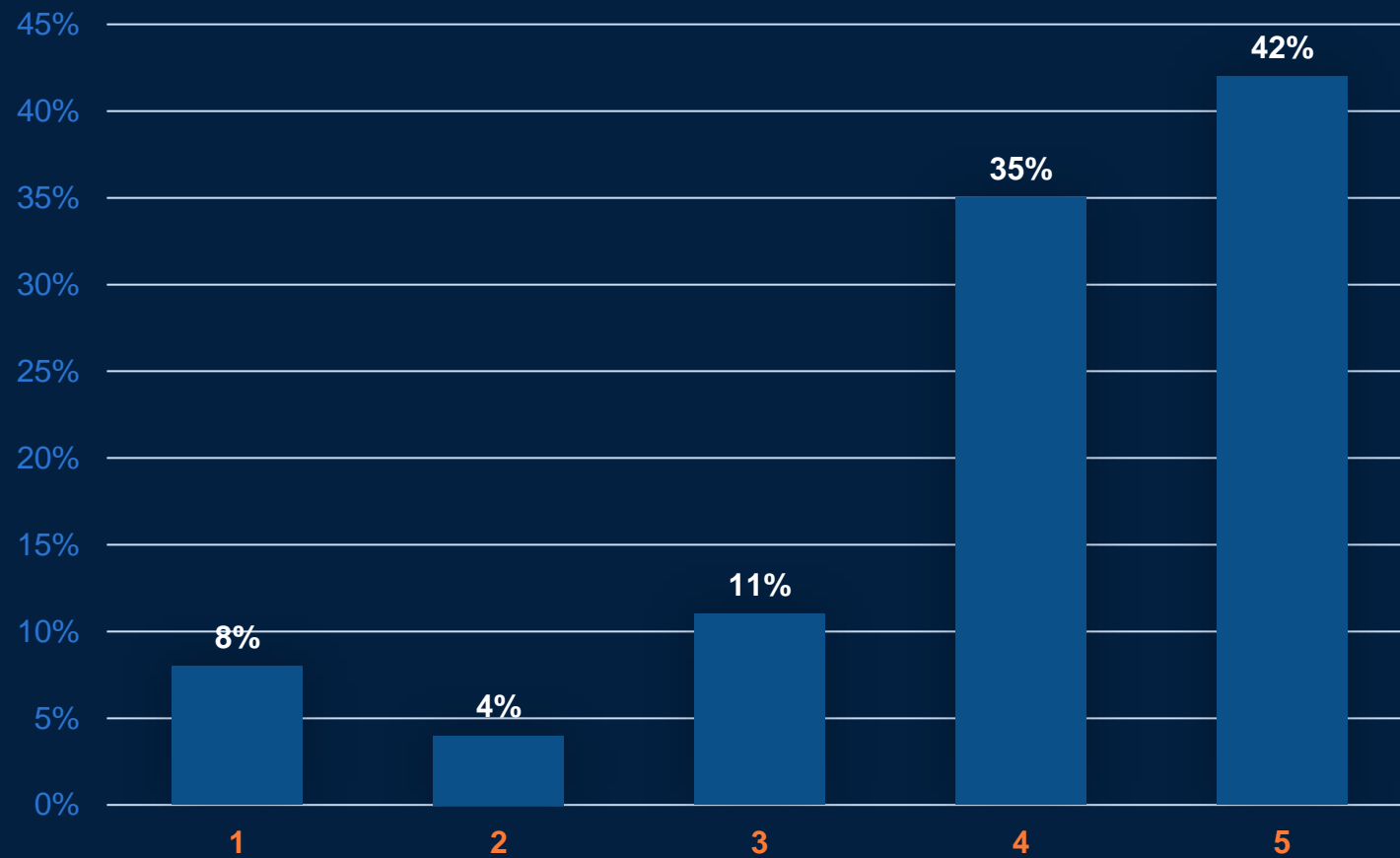
Q3

From your point of view, how important is a **harmonized national regulatory framework** for hydrogen (1-5) (avg. 4.08)



Q4

From your point of view, how important are **guidelines** for permit assessment (1-5) (avg. 4.08)



Summary

Lack of knowledge 2.54		
Regulatory Clarity	Permit process	Harmonization
Unclear 2.62	Transparency 2.83	EU-level 3.81
Unpredictable 2.58	Expediency 2.71	Swedish level 4.08



Increase knowledge



Hydrogen Safety and Improved Permit Processes

NORDIC HYDROGEN VALLEYS