



How do we accelerate the UK
energy transition?

The UK energy system: Our
path to net zero

To accelerate the UK energy transition...



Our insight is based on the views of c. 200 people responsible for decarbonisation in their organisations from across the UK



50% from energy providers

Oil, gas and electricity generation and transport
Low carbon technology provision and services
From across the UK, **28%** from Scotland



50% from business consumers

Manufacturing, construction, chemicals, engineering, iron & steel, transport, healthcare, retail and hospitality telecommunications
From across the UK, **40%** from Greater London



c. 50% from large companies with more than 5,000 employees



c. 86% from senior c-suite-1 roles



1. Energy transition impact

A lack of skills and supply chain make it challenging to deliver net zero plans

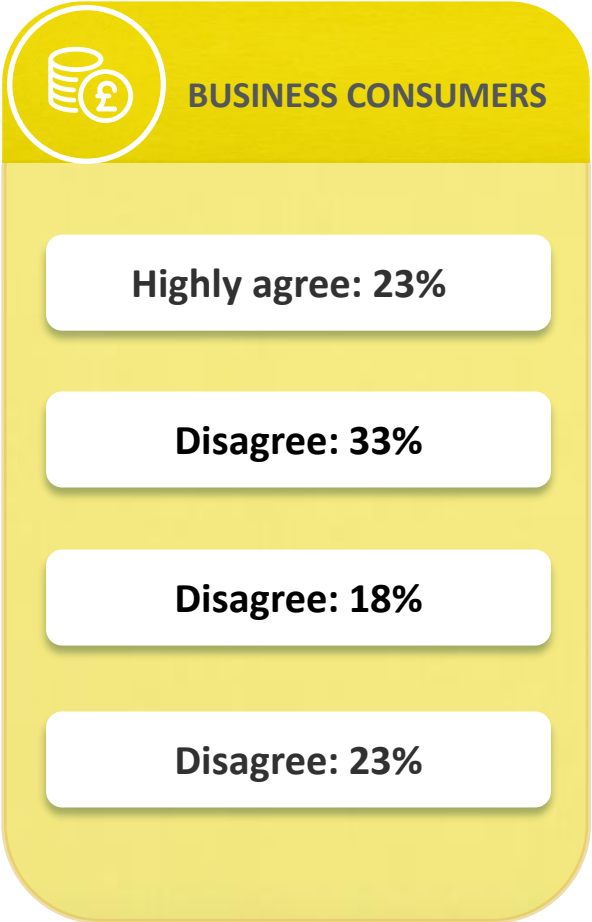
How does the UK's energy transition impact your organisation?

We have a **detailed decarbonisation plan**

We have the **supply chain** to deliver net zero

We have the **skills** to deliver net zero?

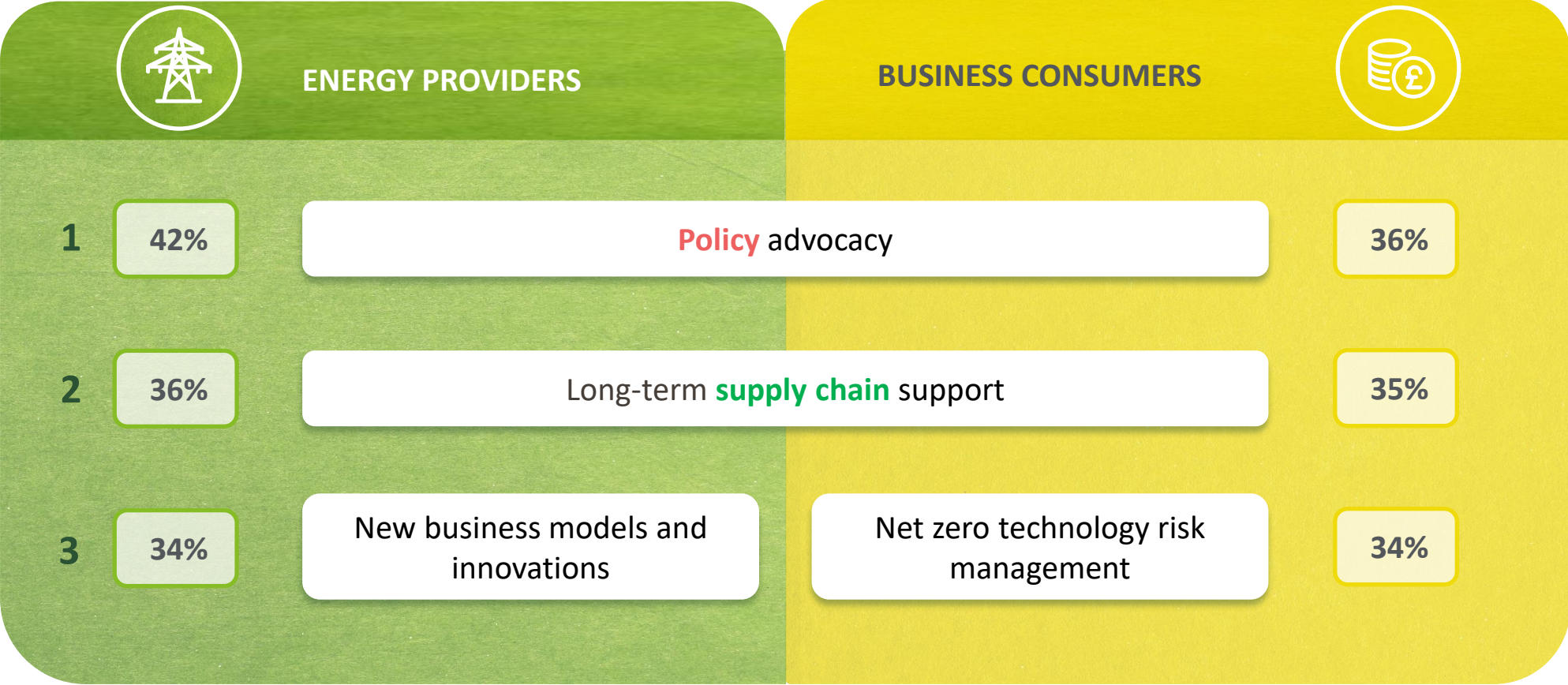
Our customers **demand** low carbon products



Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

Companies want policy advocacy and supply chain support from investors

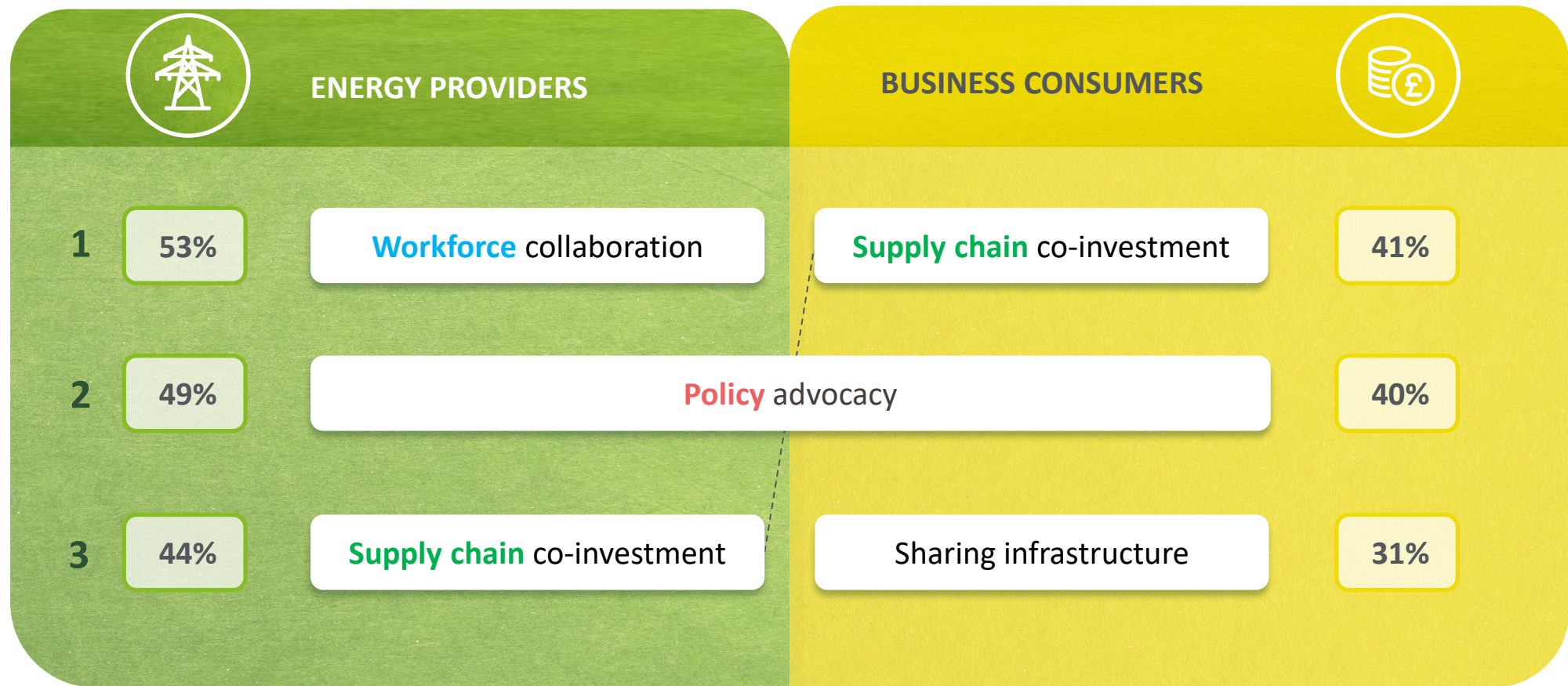
Which of the following should energy system investors prioritise to become more effective enablers of the UK energy transition?



Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

Companies also want policy advocacy and supply chain support from their peers. Energy companies also want workforce collaboration

What would do the most to help organisations collaborate more productively and to enable progress in the UK energy transition?

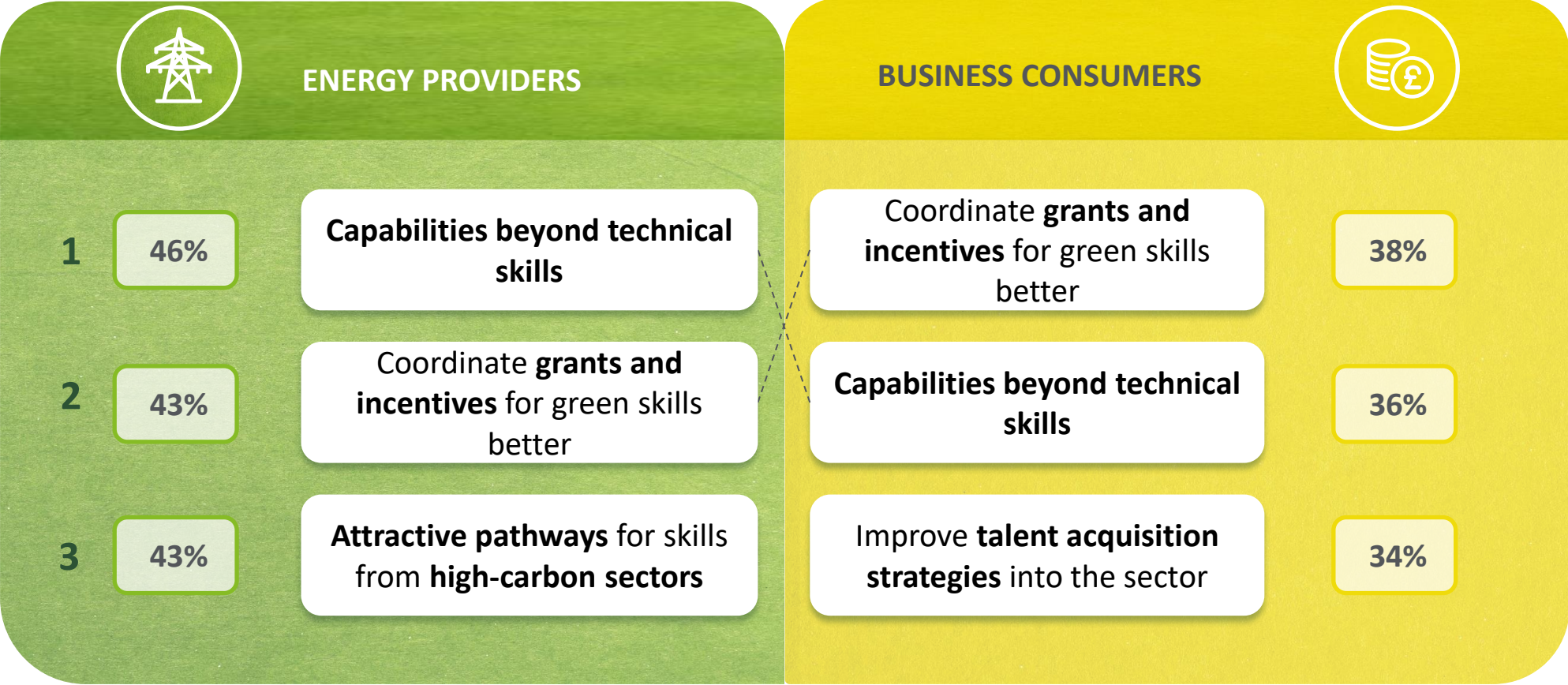


Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

2. Green skills

Companies want non-technical skills and coordinated funding for green skills

What would do the most to help the UK develop the green skills required for the transition towards a net zero energy system?



Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

3. Policy

Companies need a stable, clear, well-communicated sectoral policy, focused funding, planning reforms and energy efficiency drive



Stable, clear, well-communicated sectoral policy

Long-term policy

Sector-specific energy and emissions policies

Public engagement on net zero



Focused funding

Incentives to attract supply chain investment

Direct government investment into net zero infrastructure

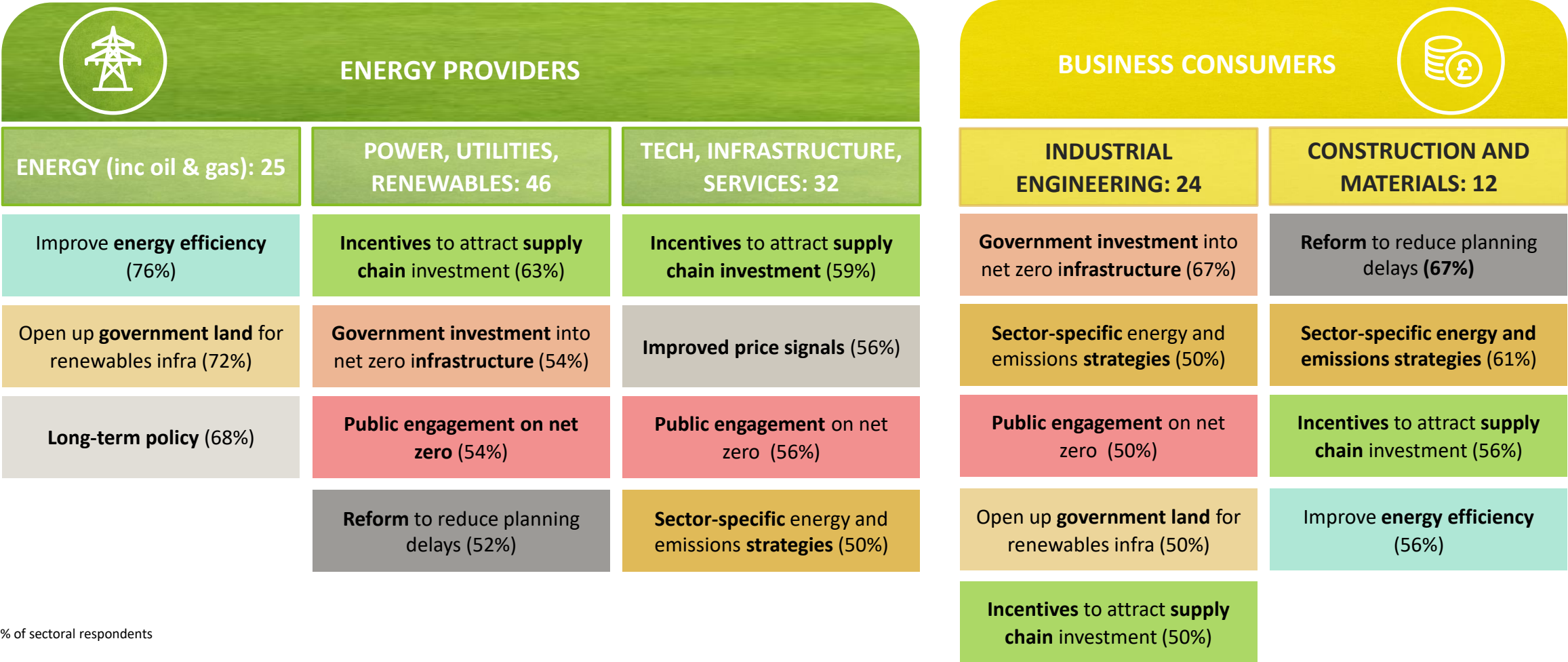
Reform to reduce planning delays

Focus on energy efficiency and reduce energy system waste



But sectors prioritise these differently

Please rate the following to indicate the extent to which they should be prioritised in the UK



% of sectoral respondents

4. Supply chain

Companies want government intervention and new ways of working for their supply chains

Government intervention

Government enterprises to plug holes in supply chain

Government incentives to attract foreign investment



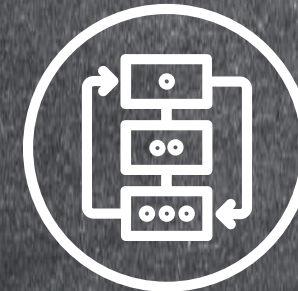
New ways of working

Standardise net zero offerings

Better **sharing of risks** across value chain

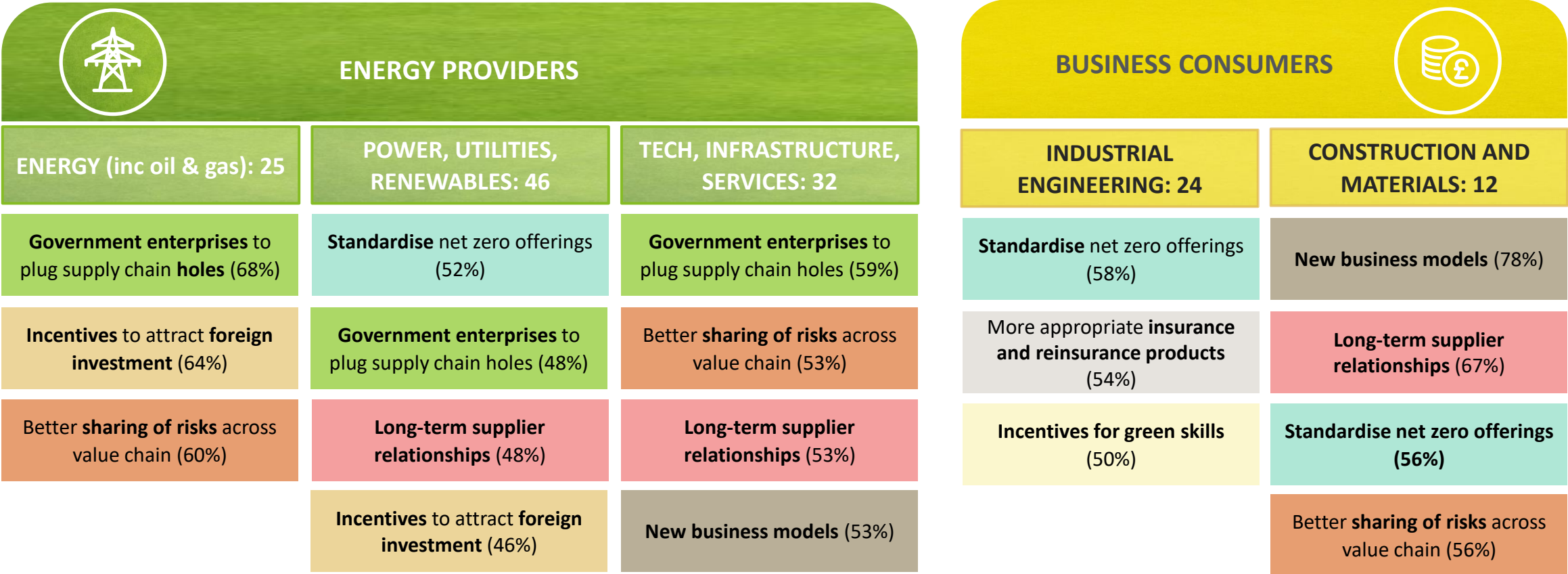
Long-term supplier relationships

New business models



But different sectors have different supply chain priorities

Rate the following to indicate the extent to which they should be prioritised to support an improved low-carbon energy supply chain

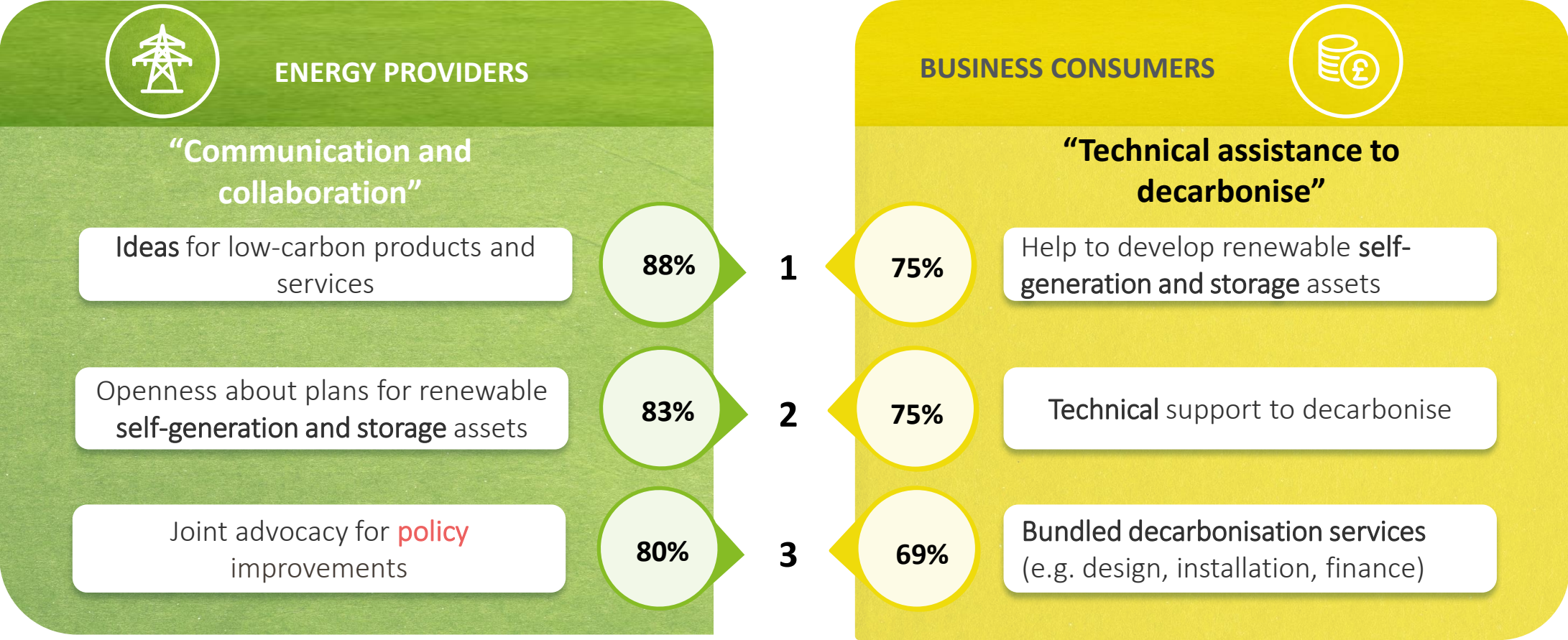


% of sectoral respondents

5. Demand and energy independence

Business consumers want technical help to develop their own renewable energy generation and storage assets

To what extent do you agree or disagree with the following statements?



Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

Business consumers will invest in energy efficiency, green skills and electrification over the next 12 months

Do you expect your organisation to increase or decrease investment in the following areas in the year ahead?

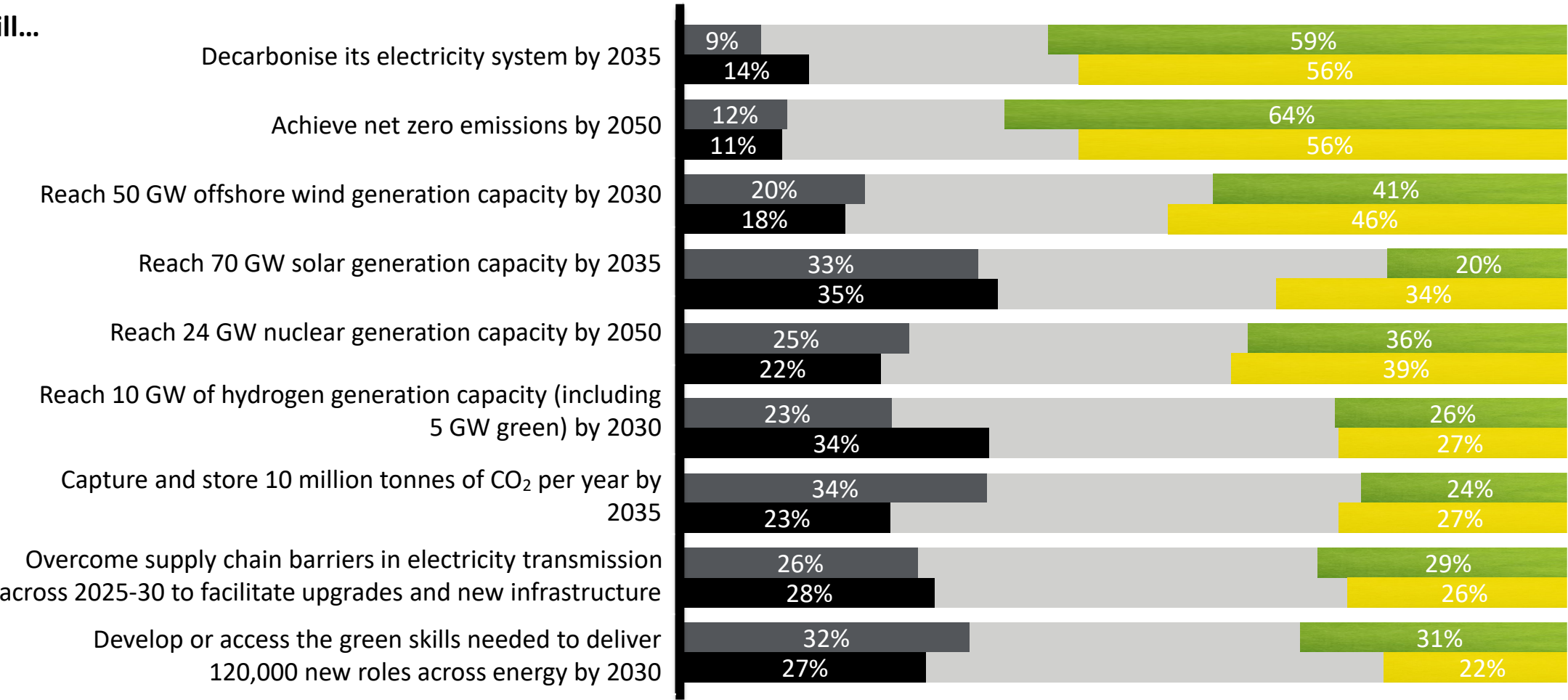
	Maintain current investment (if you have any)	Net investment
Energy efficiency upgrades	27%	39%
Employee engagement and training	20%	38%
Electrification of operations	31%	31%
Solar PV	11%	15%
Waste reduction and circular economy practices	30%	12%
Battery storage	20%	12%
Carbon capture and use or storage	30%	8%
Sustainable raw materials	20%	4%
Hydrogen adoption	8%	2%
Biofuels (gasses or solid)	30%	-2%
Supply chain decarbonisation	26%	-6%

Business consumers = 100, % of respondents

6. Confidence in national ambitions

Companies are confident we will meet the 2035 and 2050 targets, but less so in the interim milestones to achieve them

The UK will...



Energy businesses = 103, % of respondents
Business consumers = 100, % of respondents

Energy providers

Business consumers

No / Low confidence

No / Low confidence

High confidence

High confidence

SUMMARY

How do we accelerate investment in energy infrastructure and low carbon technology?



Grow GREEN SKILLS

Non-technical skills, better coordination of government incentives and supporting workforce transfer from other sectors to net zero



Progress POLICY mechanisms

A stable, clear, well-communicated sectoral policy, focused funding, executing planning reforms and driving energy efficiency



Strengthen SUPPLY CHAIN

Government intervention in specific supply chain segments and new ways of working



Evolve ENERGY INDEPENDENCE & DEMAND for low carbon technology

Demand development for low carbon fuels and technologies to support decarbonisation plans



CONFIDENCE in delivering net zero

High confidence in the 2035 and 2050 targets, but less so in technologies and factors necessary to reach them

Contacts

To discuss how these findings will impact your organisation's energy transition journey, please get in touch with one of our UK energy transition leaders.



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