To: European Commission's DG ENER

Subject: IMCA feedback on the EU European Grids Package Call for Evidence (August 5th 2025)

The International Marine Contractors Association (IMCA) welcomes the opportunity to provide input on the European Commission's Call for Evidence regarding the European Grids Package Call for Evidence.

IMCA represents more than 800 companies globally, including over 400 based in Europe. Our membership spans the contractors, their supply chain, and energy companies in the offshore marine construction industry. Our aim is to enable the safe and sustainable development of marine energy resources, supporting the EU's ambitions to transition to clean energy while ensuring a resilient blue economy.

IMCA members play a critical role in constructing, installing, and maintaining offshore wind farms, subsea infrastructure, and marine energy systems. With the EU targeting over 300GW of offshore wind capacity by 2050, this will require 30,000 new wind turbines and associated infrastructure, all of which depend on a highly specialized fleet of vessels operated by IMCA members. These vessels and companies are strategic assets supporting Europe's energy transition and economic growth. To support this view, IMCA has recently carried out an Economic Impact Assessment which is provided with this submission below.

Achieving the EU's 2030 and 2050 energy targets – particularly in offshore renewables – depends on an interconnected, reliable and expanded grid. Yet these ambitions cannot be realised without targeted measures to accelerate planning, permitting, and integration of offshore grid infrastructure.

We therefore urge the Commission to ensure that the European Grids Package:

1. Recognises marine contracting and offshore construction as a critical sector and as strategic enablers of grid deployment:

Marine contractors are **central to the EU's energy, security, industrial and environmental goals**. The sector provides over **490,000 skilled jobs** and contributes **€80bn in GVA (Gross Value Added)**, with **GVA per worker more than 2.5x** the EU average.
This sector is essential to:

- offshore wind farm development, including foundation installation, turbine assembly, and maintenance;
- subsea cable laying and grid interconnection to enable large-scale renewable energy transmission;
- deployment of hydrogen and CO2 pipelines;
- hydrocarbon systems maintenance, decommissioning and marine infrastructure repurposing to support the green transition;
- maritime safety and environmental protection, including biodiversity restoration projects; and
- protection and maintenance of critical infrastructure, including cross-border electricity and data cables.

We urge the European Grids Package to **explicitly recognise the marine contracting and offshore construction sector** as a key contributor to EU grid expansion, resilience and energy security.

2. Addresses the offshore grid deployment challenge directly:

Europe's grid expansion must move beyond land-based infrastructure. Offshore projects are core to EU decarbonisation but face unique deployment barriers, including:

- long permitting timelines (up to 14 years for transmission projects);
- spatial planning conflicts at sea and onshore landfalls;
- lack of port and cable logistics capacity to serve simultaneous multi-GW projects; and
- insufficient vessel infrastructure for cable installation and servicing.

We urge the European Commission to align the EU Grids Package with the EU Offshore Renewable Energy Strategy and to ensure coordination between offshore generation and offshore grid infrastructure deployment.

3. Accelerates permitting for offshore and cross-border infrastructure:

We support proposals to streamline permitting processes, including:

- clear, fast-track procedures for offshore projects;
- enhanced coordination between Member States on permitting and spatial planning;
- environmental assessment simplification.

The EU Grids Package should establish permanent fast-track procedures for strategic offshore grid infrastructure.

4. Ensures spatial planning and port capacity for grid deployment:

Offshore grid projects depend on access to suitable ports with:

- deep berths, heavy-duty quaysides, and large laydown areas;
- 'green' anchorage at busy ports so reducing near shore emissions
- safe storage and marshalling of large structures and cabling; and
- 24/7 operational readiness for weather-dependent offshore projects.

The EU Grids Package should be aligned with the upcoming EU Ports and Industrial Maritime Strategies and encourage Member States to incorporate offshore energy and cable deployment needs into national maritime spatial plans.

5. Supports the EU defence and maritime security objectives:

IMCA supports embedding maritime security into the EU Grids Package. We encourage the European Commission to ensure the Package complements broader EU defence and security objectives, particularly in relation to the protection of critical seabed infrastructure from physical and cyber threats.

Conclusion

IMCA strongly supports the aims of the EU Grids Package and stresses that Europe's ability to meet its energy security, climate, and digital goals is directly tied to the success of the offshore construction and marine contracting sector. The Package must recognise the critical role of this sector, prioritise investment in offshore infrastructure and port modernisation, and provide a regulatory framework that enables innovation, sustainability, and competitiveness.

Accelerating offshore grid deployment is vital to meeting the EU's 2030 climate and energy goals. This requires a coordinated, integrated and future-proofed approach that reflects the operational realities of offshore infrastructure delivery.

We look forward to continued engagement with DG ENER and other stakeholders as the Package develops and stand ready to support the European Commission in developing practical, industry-aligned solutions.

Yours sincerely,

On behalf of IMCA:
Lee Billingham
Director of Strategy and Energy Transition

[Attached: Economic and social impact assessment of the European marine contracting sector]

Economic and social impact assessment of the European marine contracting sector

Executive summary produced for the

International Marine Contractors Association


Bringing
Ingenuity
to Life.

Introduction

PA Consulting was commissioned by the International Marine Contractors Association (IMCA) to conduct an economic impact study of this industry in Europe.

Our study finds that the economic contribution of the marine contracting sector to the wider European economy is highly significant.

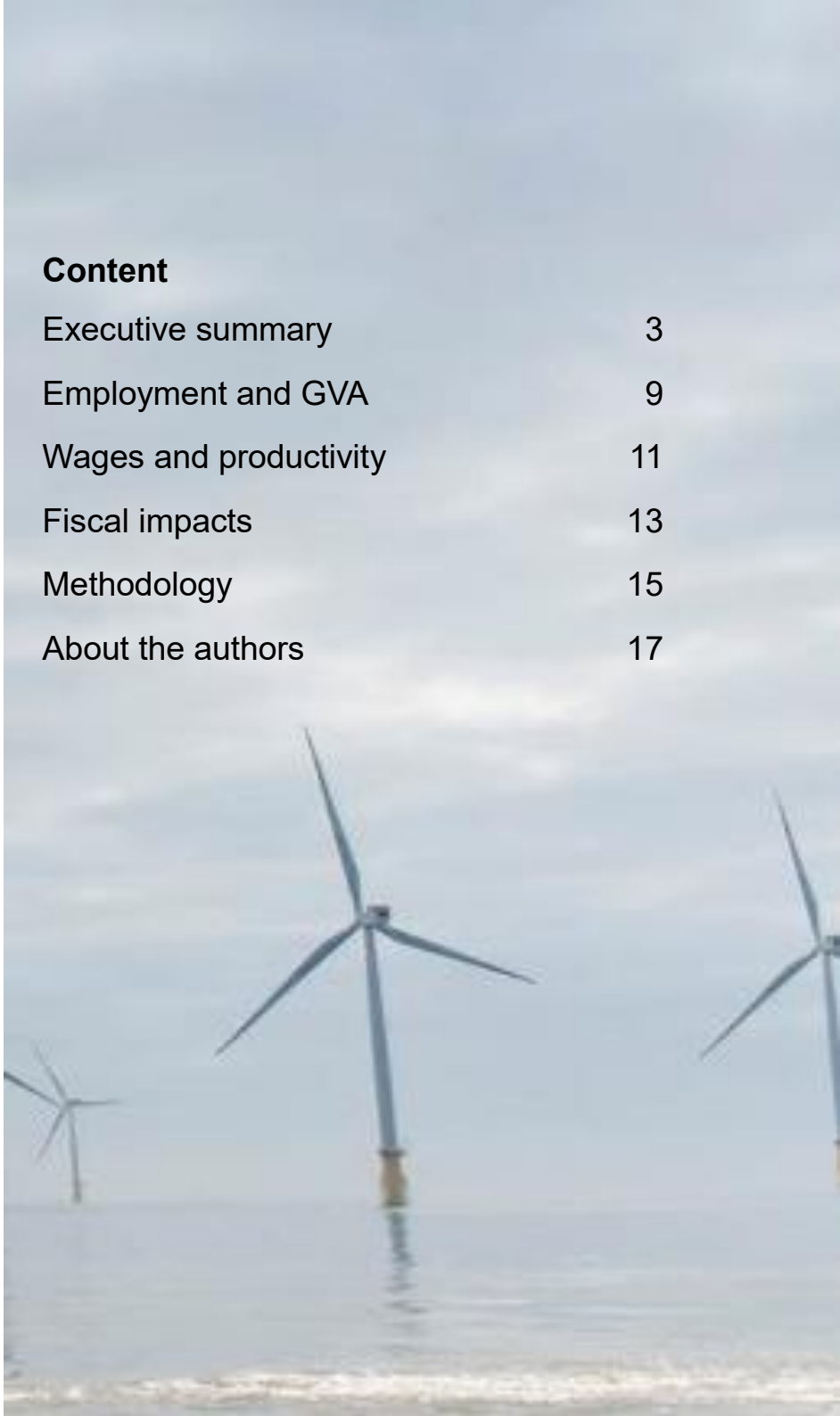
PA Consulting's economics team used standard economic impact assessment methodologies and datasets to model the jobs and Gross Value Added (GVA) associated with this sector. We found that there is a sizeable economic opportunity and investment from sustaining and growing the high-wage, high-productivity jobs, this sector provides.

In addition, the sector plays a critical role installing and maintaining offshore energy infrastructure for net zero investments, as well as telecoms cables vital for economic security in increasingly data-driven economies.

Alon Carmel

Member of PA's Management Group,
Offshore wind expert

Content



The sector is made up of >3,300 vessels operating marine-based projects including oil and gas, offshore wind, and telecoms

Europe's marine contracting industry services critical offshore infrastructure across Europe and globally, operating out of key ports across the region

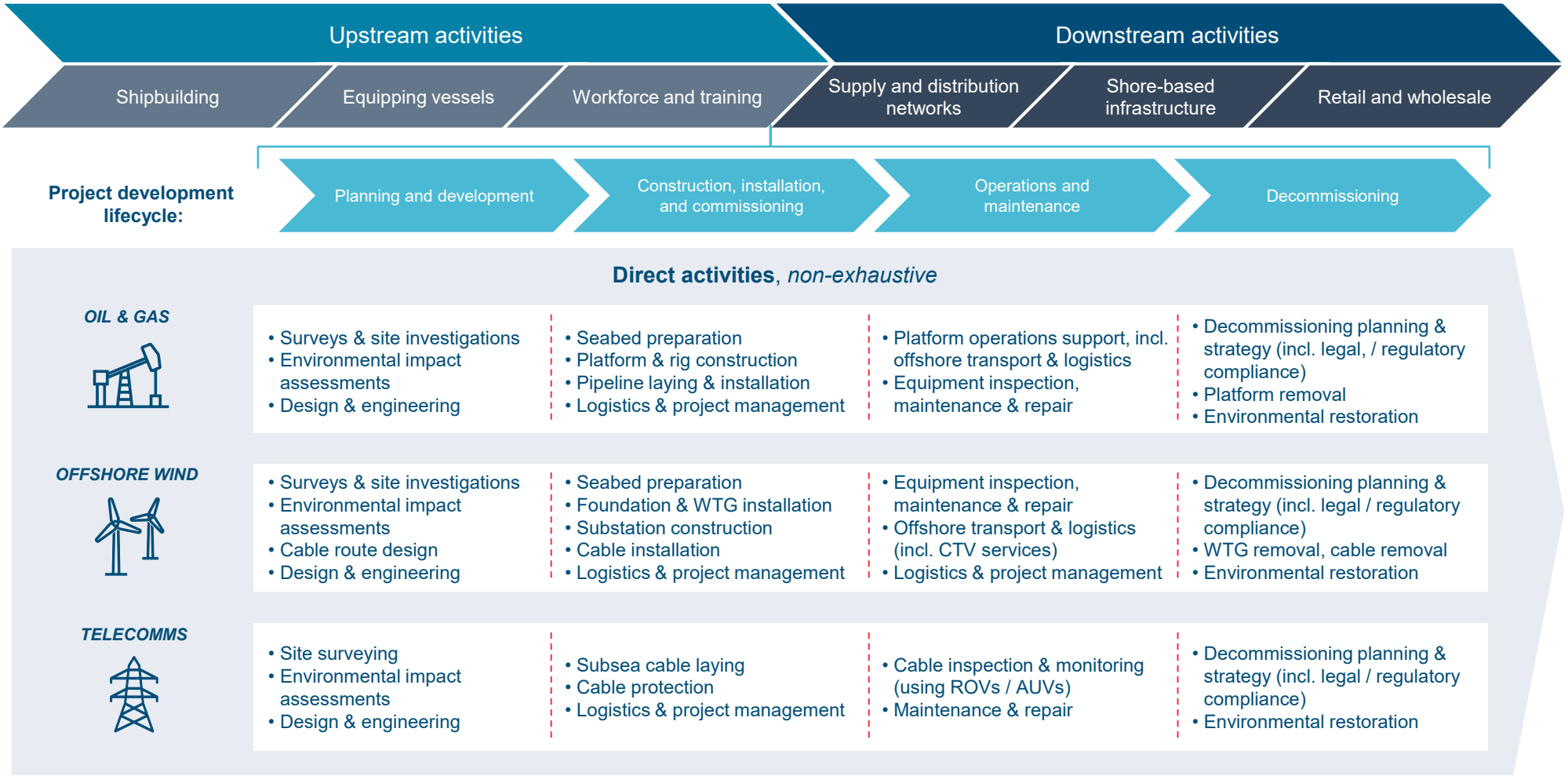
Defining the sector

PA Consulting was commissioned by the International Marine Contractors Association (IMCA) to assess the economic, environmental, and wider impact of Europe's marine contracting industry: EU-27, UK, and Norway.

Our analysis finds that the sector:

- Enables all stages of the offshore infrastructure development life-cycle – from construction to decommissioning
- Catalyses economic activity in upstream sectors such as ship-building, repair, and maintenance
- Is growing despite facing growing sources of volatility and uncertainty.

Illustration of Europe's marine contracting sector value chain



Notes: Elements of Europe's typical marine contracting sector supply chain activities and lifecycle. Sources: PA analysis

The European marine contracting services industry is a vital part of the European economy

The sector provides over 220,000 jobs and over €45bn of gross value added

How to measure economic impact

Our economic impact analysis of the offshore contracting industry has used standard economic methodologies and models to assess:

- Direct impacts: increased economic activity and jobs generated from 'direct' activities of the sector
- Indirect and induced impacts: additional economic activity and jobs in the supply chain, catalysed additional spending
- Fiscal impacts: The taxes and other fees paid by companies operating in the sector
- Productivity and growth: Comparing the average wages and productivity levels of jobs in the sector to national averages, and examining their growth potential.

The sector's economic contribution in numbers

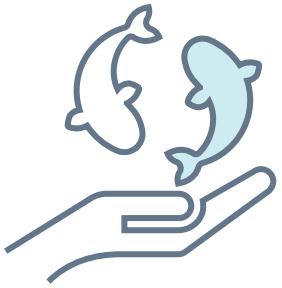
- ✓ **Employment: over 220,000 of Direct FTEs**
- ✓ Including direct, indirect, and induced impacts, this rises to over **490,000 FTEs**

- ✓ **Gross value added: over €45bn of direct GVA** this year
- ✓ Including direct, indirect, and induced impacts, this rises to over **€80bn**

- ✓ **Tax contribution: over €15bn in taxes** expected this year
- ✓ This income is vital for **funding public services** and building national infrastructure

- ✓ **High wage and high productivity jobs:** GVA per worker is 2.5x the average for the region
- ✓ Strong long-term **growth prospects** servicing offshore wind, carbon capture, usage and storage (CCUS); hydrogen; and telecoms/digital cables and platforms

Source: PA analysis, Euro amounts reported in 2023 prices unless otherwise stated



Marine contracting services deliver widespread environmental benefits

The sector is critical for advancing global decarbonisation, maritime sustainability, and the ‘blue economy’

Global decarbonisation

Marine contracting services are critical for the development, construction, operations, maintenance and decommissioning of the offshore infrastructure needed to advance the energy transition and meet global climate goals.

Maritime sustainability

Innovations in the marine services sector, such as cleaner fuel use for vessels, can be applied to other maritime activities, supporting broader decarbonisation efforts in the industry.

Contributions to the Blue Economy

Marine contracting services enable sustainable ocean use by providing the skills, equipment, and resources to monitor ecosystems, support research and conservation, and build a resilient maritime workforce.

The sector’s environmental contribution

- ✓ Provides the vessels, equipment and workforce to enable the installation of the **c.10,000-20,000 turbines**[1] required to meet European offshore wind capacity targets for net zero in 2050
- ✓ Enables the deployment of **other marine renewable energy and ocean energy** at sea (e.g. tidal stream, tidal barrage, wave)
- ✓ Enables **carbon capture and storage (CCS)** required to meet the **EU’s carbon emissions targets by 2030 and 2050**
- ✓ Provides the **platform for technical advancements** and innovations in offshore wind marine and ocean energy
- ✓ Europe is a gl**obal leader in ocean and marine energies** which by some estimates could provide 100GW by 2050 and €53bn a year[2]
- ✓ Helps support the **sustainable and equitable use of oceans** by providing the skills, equipment, and resources needed for this

Sources: 1. PA analysis, based on the number of turbines required to meet offshore wind capacity targets given current installed capacity figures and assuming 15-24MW turbines. **2.** Ocean Energy Europe

Marine services support critical infrastructure and underpin European security

The sector facilitates deployment of critical infrastructure needed in a modern world

Offshore infrastructure

Maritime contracting services are critical for the development, construction, operations, maintenance and decommissioning of offshore infrastructure needed to support an increasingly interconnected and digitalised world – including telecoms and offshore transmission.

Shore-based infrastructure

Marine services depend on shore-based refuelling, maintenance, and support, making marine contracting sector demand crucial for developing and modernising ports, harbours, and terminals.

Energy and climate security

By protecting European energy supply, interconnector, and telecoms infrastructure, the marine contracting services sector improves European security in an increasingly volatile world, making Europe more resilient to geopolitical and climate threats.

The sector's social and wider contribution

- ✓ Supports an **interconnected and digitalised world**, with submarine cables facilitating **over 99%** of international data exchange[3]
- ✓ Drives the development, expansion, and **modernisation of shore-based infrastructure** such as ports, harbours, and terminals aimed at accommodating higher trade volumes
- ✓ **Develops communities through local investment**, key as **c.40%** of the world's population lives within 100km of coast[4]
- ✓ **Helps improve European security** in an increasingly volatile world by reducing reliance on Russian energy imports and promoting connectivity between European nations

Sources: 3. International Telecommunication Union (ITU); **4.** United Nations

Economic impact assessment

Findings and methodology

The marine contracting sector in Europe is expected to deliver over 220,000 direct jobs and more than €45bn of direct GVA across Europe this year

Employment and GVA

Economic impact findings

We estimate that Europe's marine contracting sector delivers over 220,000 of direct FTEs and more than €45bn of direct GVA to the European economy.

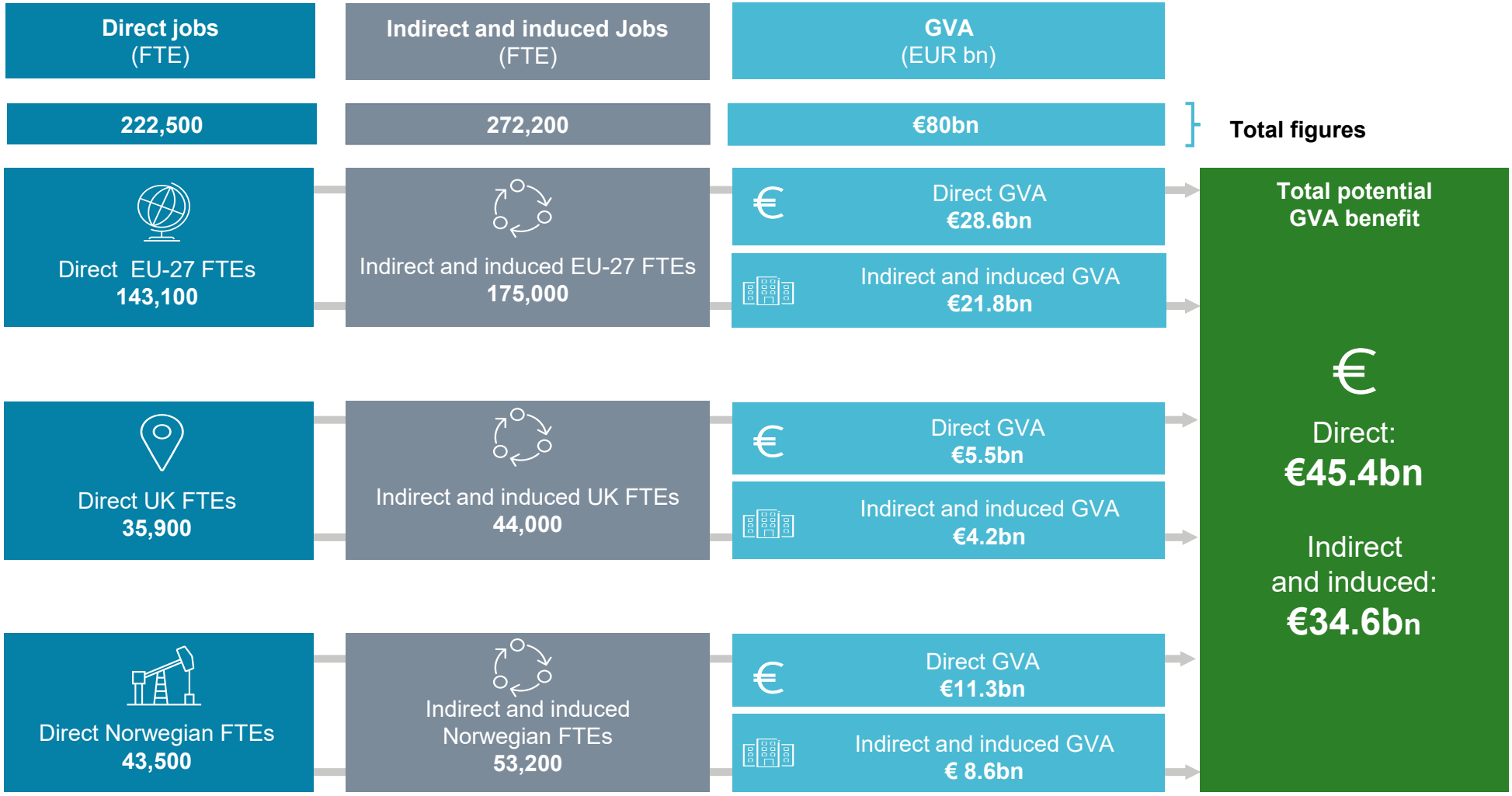
These direct impacts reflect the operations of the marine contractors themselves, typically within oil and gas and offshore wind sectors.

We estimate the sector supports over 270,000 FTEs in the supply chain and wider economy, and more than €34bn in indirect and induced GVA. This is driven by increased supply chain activity and spending from wages in the sector and its supply chain.

The biggest contribution to GVA and FTE impacts comes from the oil and gas sector, and the EU-27 experiences the greatest economic benefits, with sizeable impacts delivered by the UK and Norway's large offshore sectors.

Overview of the Marine Contracting Sector's Economic Impact

The European marine contracting sector is expected to deliver over 220,000 direct jobs and over €45bn of Direct GVA across Europe in 2025



Notes: Detailed Economic Impact Methodology is provided in Appendix 1.

The marine contracting sector is a key source of high-wage, high-productivity jobs in Europe

Wages and productivity

Key insights

The marine contracting sector is a key source of high-wage, high-productivity jobs in Europe.

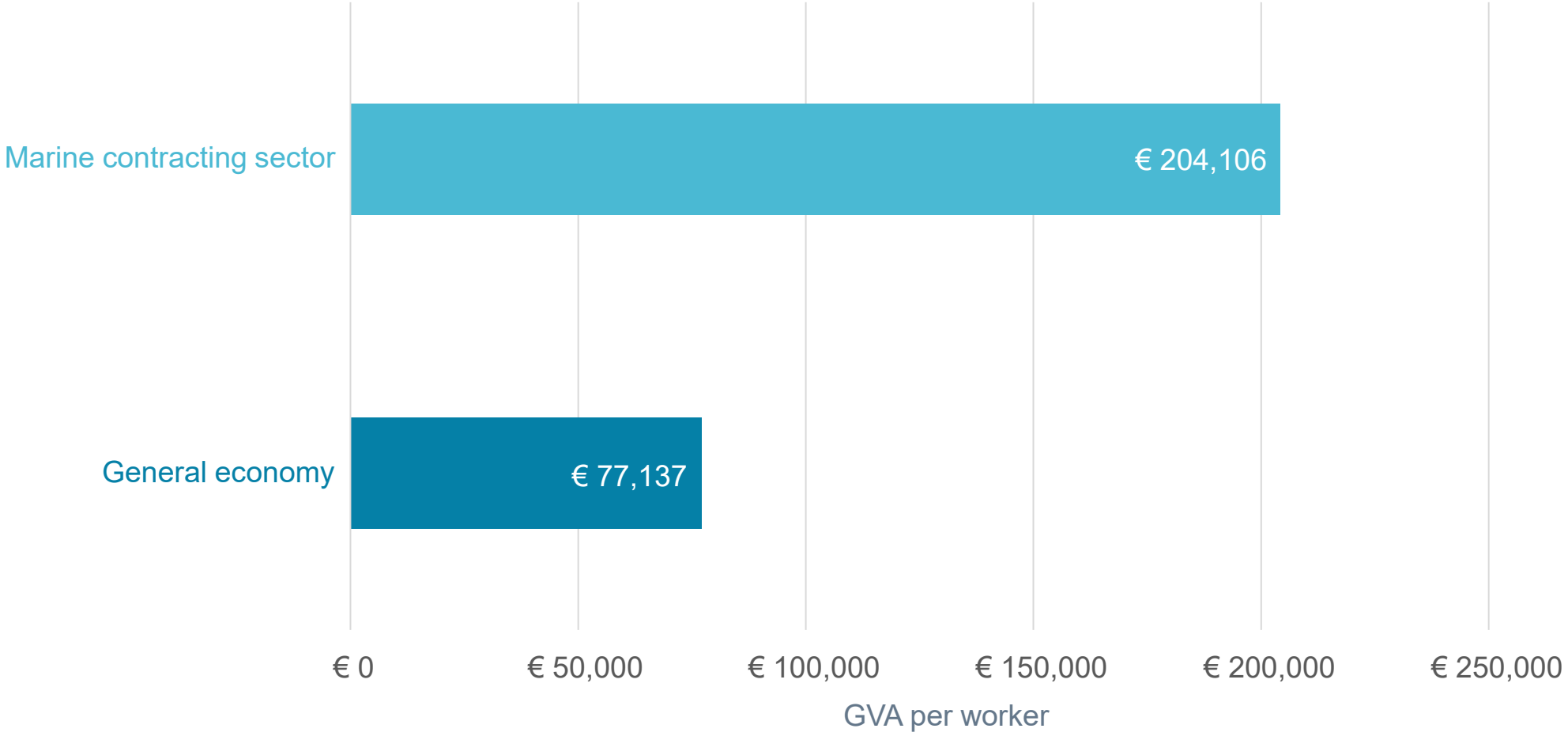
Our analysis indicates that average GVA per offshore contracting roles are over 2.5x higher than average GVA per worker in the economy of the whole – a premium of c.€126,000 per worker.

This increase reflects the higher levels of wages and productivity seen in highly-skilled offshore roles compared to national averages.

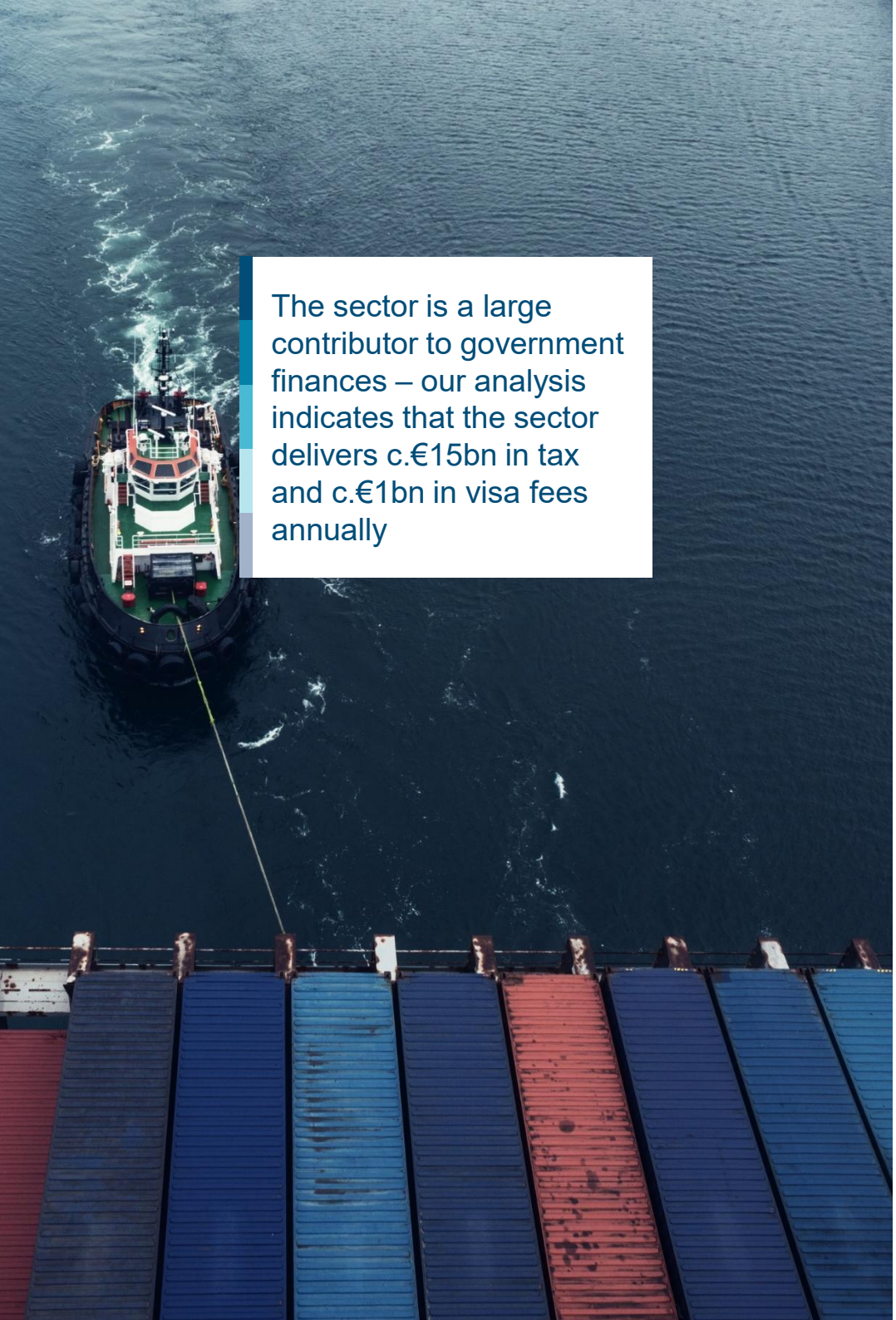
Vessels are staffed by project crews, made up of higher-skilled managerial and trade roles, with operational support from mariner crews.

The onshore workforce are typically higher-skilled individuals in strategic planning, engineering, design and corporate services.

Estimated GVA per worker in 2023 – offshore industries compared to European average



Notes: Variation in GVA per worker between the marine contracting sector and general economy across Europe (excluding UK as figures were not submitted to Eurostat), Sources: PA analysis of Eurostat data



The sector is a large contributor to government finances – our analysis indicates that the sector delivers c.€15bn in tax and c.€1bn in visa fees annually

Fiscal impacts

Key insights

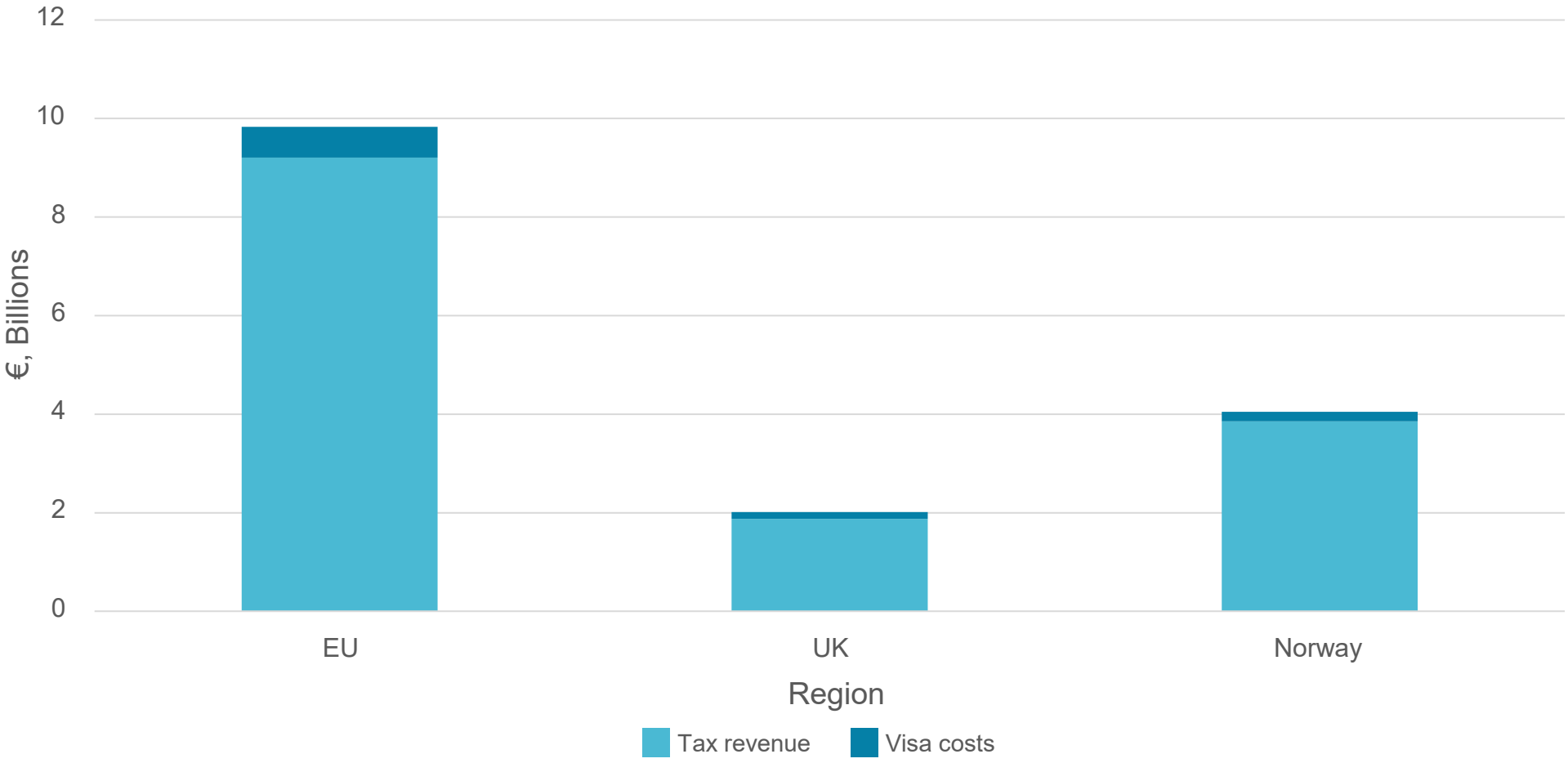
Additional GVA drives additional tax revenue in the form of income taxes, sales taxes, corporation taxes, and other tax types.

Based on strategic fiscal impact analysis, we estimate that the sector contributes c.€15bn in taxes annually. This highlights the sector's substantial role in supporting public services, infrastructure, and overall government spending.

Given the international nature of the workforce, visas are required often for a high proportion of workers onboard vessels.

This can bring in important sources of non-tax revenue for individual European countries – overall we estimate that the sector contributes >€900m in visa fees across Europe annually.

Illustrative direct tax and visa revenues – adjusted for sector tax considerations



Notes: Direct tax and visa contributions from the marine contracting sector across EU-27, UK and Norway, Sources: PA analysis of Eurostat. UK Gov, Statistisk Sentralbyra and IMCA Data

Methodology

Key aspects of our methodology

PA Economics experts have used standard economic impact methodologies and databases to calculate the jobs and GVA impact of the marine contracting industry in Europe.

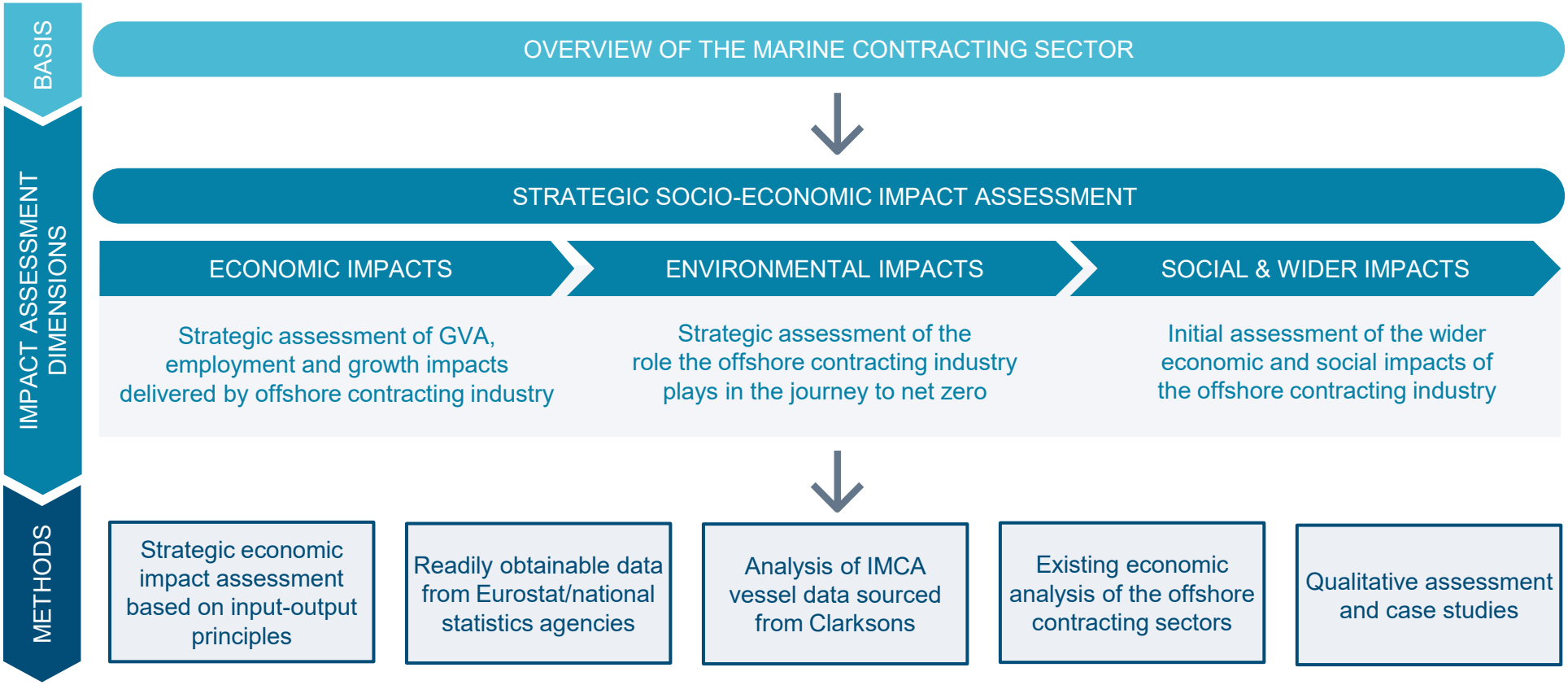
Input-output Analysis was used to assess the value generated by the European offshore contracting fleet in sectors like offshore oil and gas, wind, telecommunications, and emerging fields like CCUS.

The analysis covers direct impacts from vessel operations, indirect impacts from supply chain activity, and induced impacts from worker spending.

Long-term environmental, social, and broader impacts are assessed qualitatively.

The assessment focuses on vessels operating in early 2025, with annual impacts calculated in 2023 prices (€).

PA Consulting's approach to calculating economic impact and wider environmental and social impacts



Source: PA Strategic Socio-Economic Impact Framework

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PA Consulting's energy transition and economics experts work across the energy value chain to help our clients thrive in complex energy markets using innovation and technology.

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For more information about PA and our energy and utilities capabilities visit **www.paconsulting.com/energytransition**


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