



Desafios em campos maduros e extensão de vida de instalações

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Grupo BW



BW LPG – 45%

Maior proprietário e operador de VLGCs com mais de 4 milhões cbm de capacidade e **43 VLGCs**. Soluções totalmente integradas aos consumidores.



BW Offshore – 49.9%

Segundo maior afretadora do mundo com **15 FPSOs**. Mais de 30 anos de experiência de produção, com mais de 40 projetos de FPSOs e FSOs.



BW Energy – 37%

Campos de petróleo e gás natural no Brasil, Gabão e Namíbia. Listado na Bolsa de Oslo em Fevereiro de 2020. **(BW Group detém 53% de propriedade)**



Hafnia – 68%

Maior empresa transportadora de produtos do mundo. Opera uma frota de mais de **180 navios** em três pools de produtos com navios nos segmentos LR2, LRI, MR e SR.



Cadeler – 20%

Importante fornecedor de serviços para a instalação, operação e manutenção de Eólicas Offshore. Possui dois navios de instalação de estruturas e equipamentos de Eólicas Offshore.



BW Epic Kosan – 58%

Maior operadora de navios de GLP de menor porte do mundo. Frota com **76 navios** com capacidades entre 3,500 e 12,000 cbm, servindo viagens curtas de GLP e químicos.



BW LNG – 100%

Opera navios e terminais de GNL. **Possui 25 navios de GNL e 5 FSRUs**. Soluções rápidas em FSRU e projetos de engenharia (e.g. conversão).



BW Solar – 100%

Negócio recentemente estabelecido focado no desenvolvimento de ativos de geração de energia solar.



BW Dry Cargo – 100%

Possui uma frota de **12 bulk carriers** e newbuilds. Operado comercialmente pela Plataforma comercial de Copenhagen.



DHT – 15%

Transportadora de óleo cru operando uma frota de **28 VLCCs**.



Navigator Gas – 27%

Proprietária e operadora de uma das maiores frotas de transportadores de gás handysize com **39 navios**.



BW Ideol – 51%

Uma plataforma totalmente integrada em Eólicas offshore. Dois projetos de eólicas offshore flutuantes em operação.

Note: BW Group detém propriedade significativa em outras companhias, incluindo Corvus Energy, Alpha Ori, Ductor and HEA

OSE listed – Ownership %

Private – Ownership %

Euronext Growth listed – Ownership %

NYSE listed – Ownership %

Contexto



- Aumento da recuperação através de investimentos adicionais e uso de infraestrutura instalada
- Manutenção de empregos e das participações governamentais
- Possibilidades de novos investimentos para o desenvolvimento de descobertas antes consideradas subcomerciais
- Ambiente altamente regulado e com viés de aumento de atividades

Timing, multas e segurança operacional

Key Challenges

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Projetos novos *versus* projetos maduros



Prescrições *versus* performance based



Prazos exíguos *versus* ações complexas



Recordes em valores de multas aplicadas *versus* segurança

Highlights

- Há um novo contexto com a operação de independentes no Brasil
- Investimentos na revitalização são primordiais para a extensão da vida útil dos ativos
- Há necessidade de iniciativas que suportem o melhor cumprimento da Regulação (e.g. ampliação do diálogo temático, normas, guias, suporte à formação de mão-de-obra, etc)
- *Timing* compatível com as complexidades envolvidas
- Construção conjunta da melhoria da segurança operacional



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