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# **Focused on Delivery**



Maximising Value: Today and Tomorrow

We Are Delivering
Operationally

Maximise Production from our operational hubs

Minimise Costs to support overall profitability

Reduce Emissions through targeted interventions

We Are Delivering
Tyra

**Unlocks > 1 Tcfe**<sup>(1)</sup> to support long-term energy security in Denmark

Material Production and Cashflow once onstream

Noreco is Fully-Funded to First Gas in Q2 2023

We Are Delivering
Our Potential

Monetise Remaining Economic Resources in the DUC

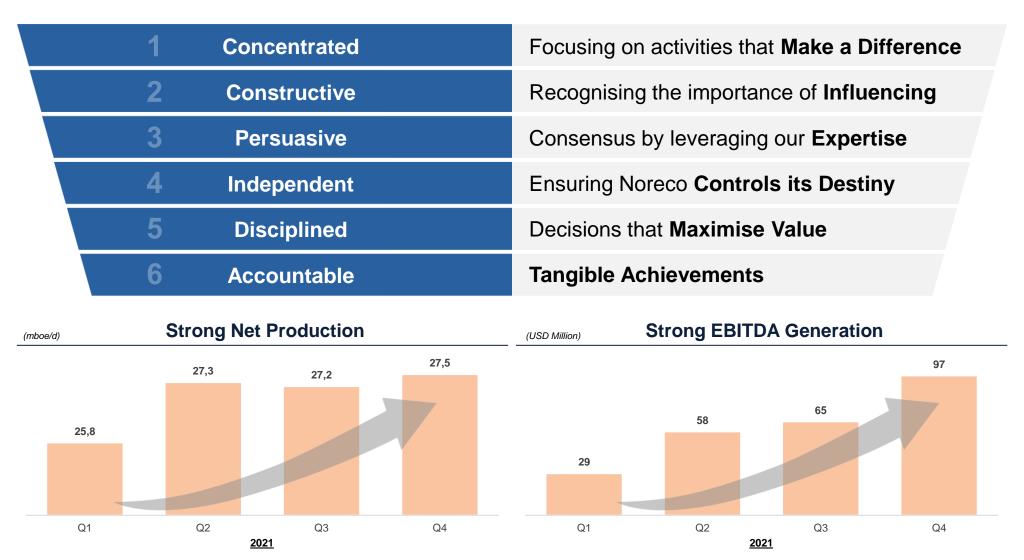
**Disciplined Capital Allocation** that prioritises shareholder returns

**Continued Contribution to the Energy Transition** 

# **Delivering Operationally**



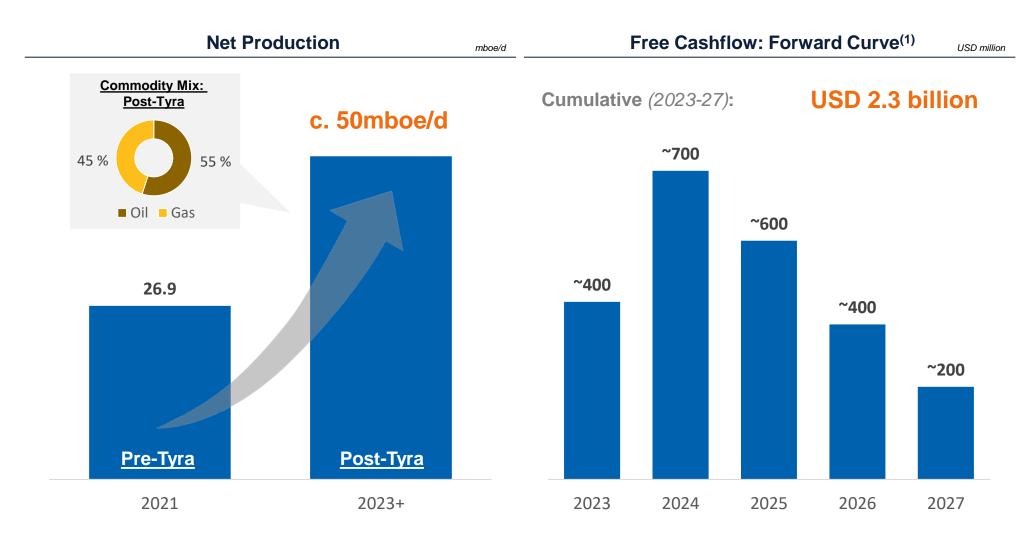
#### Strong Performance Driven by Active and Targeted Approach



# **Delivering Tyra**



#### Step-Change Production and Cashflow from 2023



<sup>1)</sup> Forecast Free Cashflow = Net Cashflow from Operating Activities minus Net Cashflow used in Investment Activities

Illustratively prepared using 14 Feb 2022 Forward Curve for Brent (average \$77/bbl in 2023-27) and TTF (average EUR34/MWh in 2023-27) and management estimates based on operator data

# **Delivering Our Potential**



Disciplined Capital Allocation Will Define Actionable Opportunity Set

#### Shareholder Returns Prioritised

Key to establishing a sustainable, long-term dividend profile supported by our balance sheet

# Disciplined Capital **Allocation** Organic Growth

# Significant Deleveraging With Tyra onstream

Target leverage: < 2.0x

(Net Debt / EBITDAX)

#### **Energy Transition**

Meaningful contribution to the Energy Transition

Commitment to further reducing emissions intensity

#### **Broad Opportunity Set**

Must enhance long-term cashflow generation

IRR Hurdle: > 20%

# We Are Delivering Operationally

# **Operations: Upper Range of Guidance**



Q4 2021 at 27.5mboe/d and Full Year 2021 at 26.9mboe/d

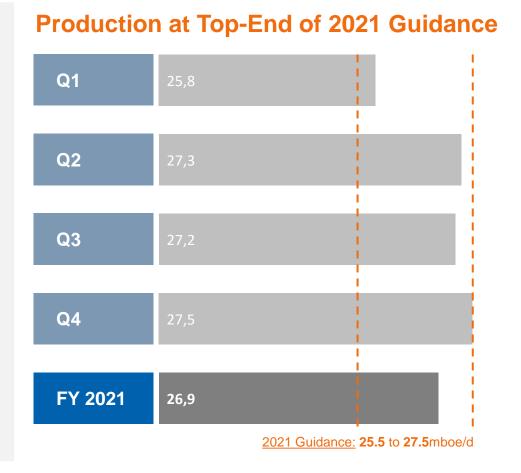
#### **Strong Performance in 2021**

#### **Daily Net Production**

mboe/d



- 50% reduction of recordable incidents
- Maintenance backlog reduced
- Excellent operational performance
  - December availability of 94%
- Acceleration of well interventions
  - Halfdan and Dan
  - Higher gains than expected
- Successful Gorm restimulation on 11 wells
  - Higher gains than expected



# **Operations: Outlook Remains Strong into 2022**



Guidance of 23.5 to 25.5 mboepd for 2022

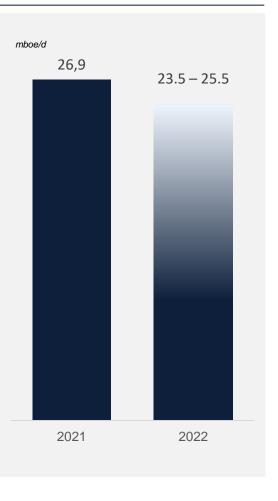
#### **Activity Focus During 2022+**

Positive impact on short and long term production

**Continue Well Interventions (Noble Sam Turner)** 

- 2 Optimise Dan & Halfdan Water Management
- Ensure optimum water flooding and energy efficiency
- 3 Operational Efficiency and Energy Efficient Operations
- Continue good performance as demonstrated in December
- 4 Maximising Volumes Given Margin at Current Prices
- Invest to increase production (e.g. contracting Maersk Reacher)
- Continue to mature further incremental investment projects
- Leverage Noreco expertise to ensure highest value opportunities matured

#### **2022 Production Guidance**





# Tyra: A Game-Changing Gas Producer



Step-Change project, strongly supporting Danish energy security

Reserves	Unlocks Substantial Gas-Weighted Volumes	+200mmboe <sup>(1)</sup>
Production	Significant Production Potential from 2023 Onwards	+60mboe/d(2)
Commodity Mix	Materially Re-Weights Production Towards Gas	~ 45% Gas <sup>(3)</sup>
Emissions	Meaningful Lowering of Per Unit Emissions	~ 50% Lower(4)
Operating Efficiency	Modern Facilities Drive Performance Improvements	
Field Life	Extends Operational Lifetime Potential	c. 20+ Years (5)
Resource Potential	Enables Additional Volumes and Tie-Ins	+
Operating Cost	Material Reduction in Noreco's Opex	< \$13/boe <sup>(6)</sup>

Gross facilities capacity

<sup>1)</sup> Gross DUC

<sup>3)</sup> Noreco commodity mix post Tyra

<sup>4)</sup> Compared to levels in 2021

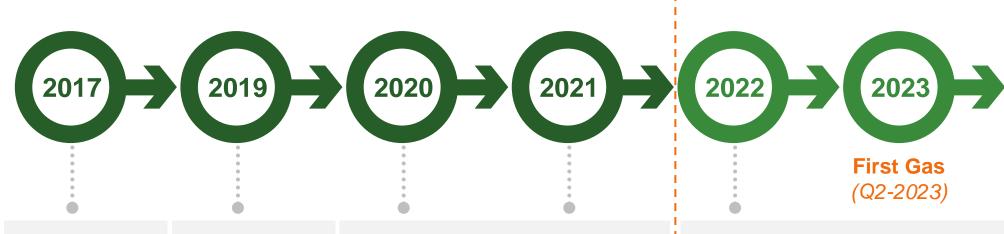
<sup>5)</sup> Constrained by 2042 concession expiry

levels in 2021 6) Direct field opex post-Tyra

# Tyra: Project Advanced Significantly Since 2017



2022 activity focused on remaining sail-aways from yards, installation and continuation of hook-up and commissioning



#### **Project Start**

- FID taken
- EPC lump-sum contracts awarded

#### **Production Shut-In**

 Production temporarily shut-in due to redevelopment

#### **Construction**

- Construction of modules onshore
  - Processing Module (TEG)
  - Accommodation Module (TEH)
  - Wellhead and Riser Platforms (WHRPs)

Sail-Aways

- Existing topsides also removed offshore and jackets installed for the new TEG and TEH
- Successful sail-away of TE-WHRPs and TW-WHRPs (early-2022); TE-WHRPs installed
- Start of offshore hook-up and commissioning

#### **Remaining Sail-Aways & HUC**

- TEH to sail-away in Mar-22 and installation (along with TW-WHRPs) in Apr-22
- Final jackets planned to be removed May-22
- TEG to sail and be installed during Q3-22
- Hook-up and Commissioning (HUC) continues in preparation for first gas in Q2-2023

# **Tyra: Significant Milestones Achieved**



Sail-away and installation of TE-WHRPs in mid-2021, followed by sail-away of TW-WHRP in Jan-2022 for installation in Apr-2022



#### Tyra-East Wellhead Riser Platforms ("TE-WHRPs")

- Sail-away from Sembcorp Marine (Singapore) in Jul-21
  - Strong performance despite challenging (COVID) circumstances
- Successfully installed according to plan in Sep-21
  - Three topsides safely lifted off and installed on jackets by Sleipnir
  - Followed by start of initial hook-up and commissioning campaign



The final look of the Tyra West facilities at the SMOP yard in Singapore before load-out



Vessel BigRoll Beaufort is enroute to Rotterdam where the modules will be stored temporarily



On 10 January at 9:48AM (local time), the Tyra West facilities and two bridges were sent off

## Tyra-West Wellhead Riser Platforms ("TW-WHRPs")

- Sail-away from Sembcorp Marine (Singapore) in Jan-22
  - Similarly strong performance with 100% mechanical completion
- TW-WHRPs arrived in Rotterdam on 15<sup>th</sup> February 2022
  - Scheduled to depart for offshore location in April 2022
  - Joint lifting campaign with TEH (Accommodation Module)

# Tyra: Remaining Sail-Aways During 2022



TEH to sail in Q2-2022, followed by TEG in Q3-2022



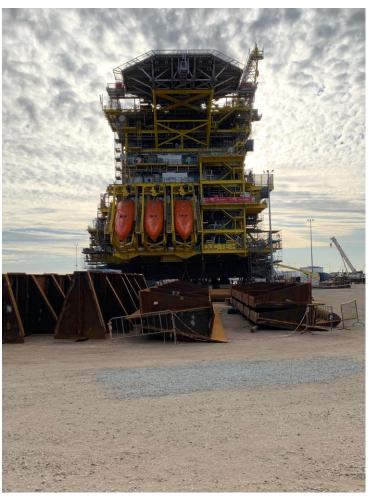
#### **Accommodation Module ("TEH")**

- Progress on track for sail-away in March 2022
  - Transportation barge is on site
- Mechanical completion and onshore commissioning in Q1 2022
- Installation scheduled for early Q2 2022
  - Will be installed in a joint lifting campaign alongside TW-WHRPs

# $(\checkmark)$

#### Processing Module ("TEG")

- Sail-away from Batam, Indonesia in Q3 2022
  - On track with mechanical completion substantially complete
  - Installation to also occur in Q3 2022
- Focus on ensuring continued delivery by McDermott
  - Recent manpower increase shows commitment to timeline



TEH Accommodation Module at yard in Ravenna, Italy

# **Tyra: Remaining Forecast Expenditure**



More than 75% of total expenditure already incurred by the end of 2021 at **c. DKK17.0bn** including capex and abex

#### **Gross Project Expenditure**

DKK billion

- Noreco currently assumes an estimated DKK 22 billion total cost
  - Represents c. DKK 1 billion increase relative to the DKK 21 billion external budget at time of FID in 2017





#### **Potential to Maintain Plateau Production**

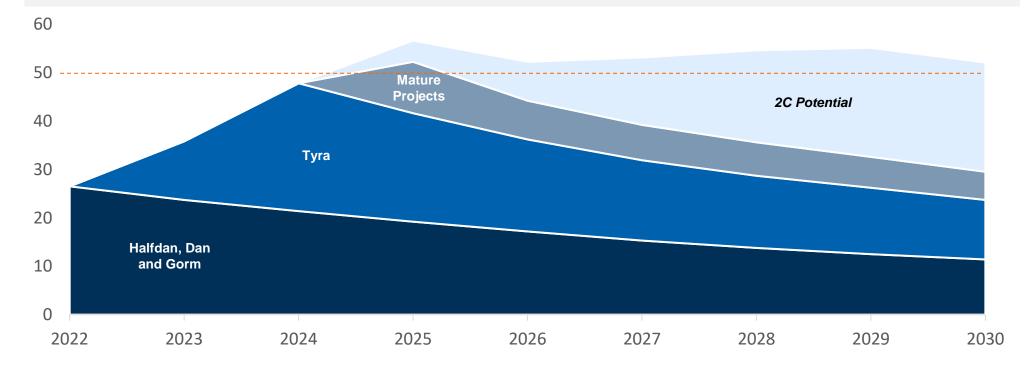


Decisions to invest further will need to support long-term cashflow generation potential

#### **Long-Term Production Potential: Reflecting Organic Opportunity Set**

mboe/d

- Long-term potential exists to mitigate decline and maintain plateau production levels at c. 50mboe/d
- Future investment decisions will be subject to our disciplined approach to capital allocation
- Projects must screen well from both a value perspective and be supportive of our long-term FCF profile



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# **Highlighting Our Organic Opportunity Set**



Halfdan North and Valdemar Bo South are high-value projects that will add low-cost barrels post-Tyra and support a sustainable, long-term cashflow profile

#### **Project Highlights**

#### **Development Concept**



- Net reserves of c. 11 16 mmboe<sup>(1)</sup>
- Low unit capex per barrel
- Adds high-value barrels
- Development Plan submitted
- Two years from FID to first oil

- Five wells
- No water injection; depletion and compaction drive
- Unmanned 4-leg jacket
  - Connecting to Tyra East via Valdemar and Roar
- Limestone reservoir



- Net reserves of c. 16 26 mmboe<sup>(1)</sup>
- Low unit capex per barrel
- Adds high-value barrels
- Development Plan submitted
- Two years from FID to first oil

- Nine wells
- Water injection and Gas Lift
- Un-manned, 4-leg jacket
- Processing at nearby existing hub
- Use of known and proven well design and completion technology

#### The Energy Transition in Denmark - An Overview



A progressive and ambitious political scene, driving the green transition



#### 2020 Danish Climate Act:

- 70 percent reduction of greenhouse gas emissions by 2030
- Carbon Neutrality by 2050

Green Roadmap issued September 2021 – Increasing the pace for all players

The "2050 North Sea" Agreement – providing industry stability and opportunities:

- Cease of hydrocarbon production in 2050, eight years beyond DUC concession
- Emphasis on stable opportunities and conditions for producing players until 2050
- Incremental projects and mini licensing rounds permitted organic growth opportunities
- Governmental support for CCS projects



#### CCS identified as a necessity to achieve Climate Act targets

#### CCS strategy launched by Danish Government in 2021:

- Denmark to become CCS hub with both import and export of CO2
- Maximising the value of Danish green technology
- Close cooperation between regulatory bodies and industry players to ensure a commercially viable set of framework

Carbon storage from 2025, with CCS licenses awarded in 2023

# Our Approach to Sustainability



#### Demonstrating Noreco's commitment to date and our forward focus

Delivering Tyra

Safeguarding access to reliable and affordable energy

- Noreco has invested > \$1bn in delivering the project
  - Will produce energy to power equivalent of c. 1.5mm homes
  - Will materially reduce Denmark's gas import requirements

Emissions Reduction

Emissions lowered by c. 30% when Tyra onstream

- Emissions reducing from modern, efficient facilities
  - Focus on further improving efficiency and reducing emissions
  - Continuous biodiversity and R&D consideration

RBL ESG Linkage Linked funding cost to delivery against ambitious objectives

- KPIs linked to emissions and power from renewable sources
  - Emissions reduction targets to 2027
  - Power from renewables targets by 2029

4 ccs

Assessing potential for CCS in the DUC through Bifrost

- Study focused on CCS potential of Harald (Sandstone)
  - Expected to broaden to cover entirety of DUC (Chalk)
  - External funding received from EUDP



# Financial Summary: Q4 and 2021



#### Performance supported by strong production and positive commodity prices

# **Strong Fundamentals: Operational and Prices**

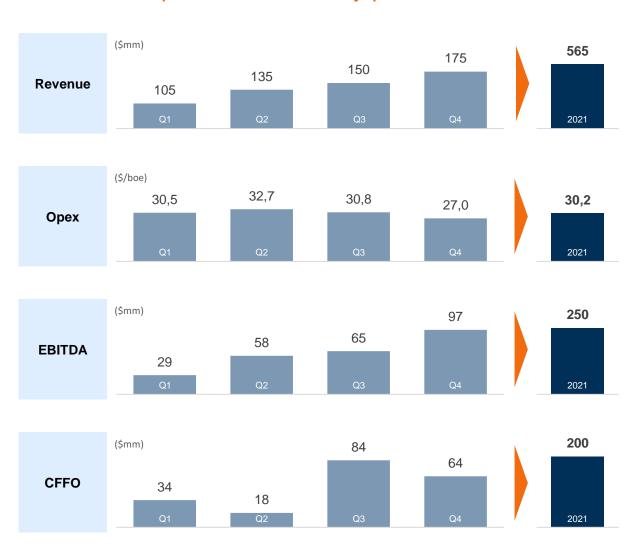
- Revenue: ↑ c. 20% vs. Q3-2021
- EBITDA: ↑ c. 50% vs. Q3-2021

# Realisations Reflects Commodity Price Hedging

- Focus on pre-Tyra cashflow visibility
- Increasing spot exposure in 2022+

#### **Robust Capital Structure Strong Liquidity Position**

- No pre-Tyra principal maturities
- Liquidity of c. USD 223 million



# **Hedges Provide Cashflow Visibility**



Increasing Spot Market Exposure in 2022+

Oil Price
Hedges
a.goc

	2022		2023		2024		% of 2022
	<u>H1</u>	<u>H2</u>	<u>H1</u>	<u>H2</u>	<u>H1</u>	<u>H2</u>	Production <sup>(1)</sup>
Volume '000bbls	2.4	1.9	2.4	1.7	1.8	0.6	~60% – 65%
Price USD/bbl	55.8	55.6	51.7	54.8	61.3	64.9	Based on 2022 production guidance

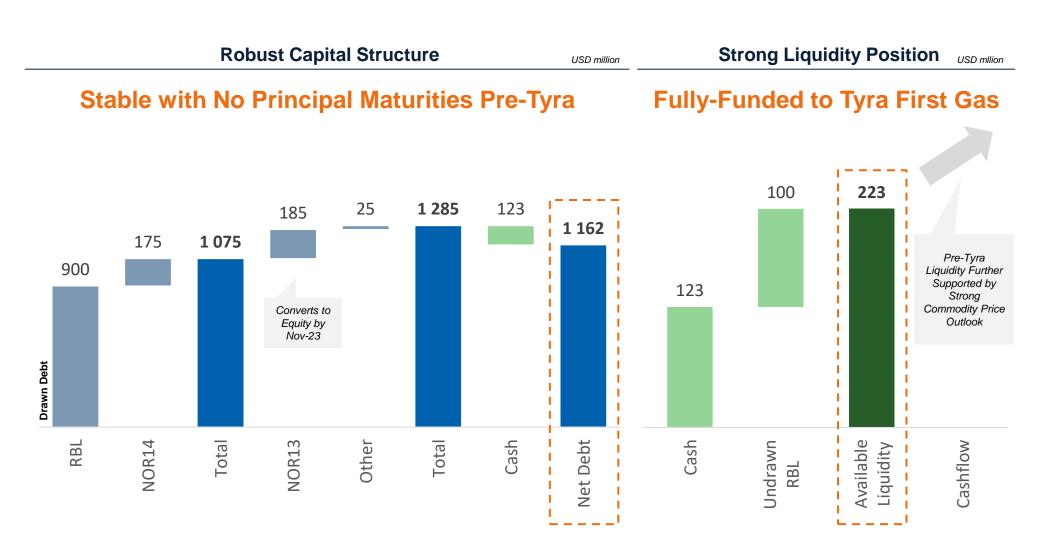
Gas Price Hedges

		% of 2022			
	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	Production <sup>(1,2)</sup>
<b>Volume</b> <i>MWh</i>	600,000	225,000	190,000		~30% — 35%  Based on 2022  production guidance
Price EUR/MWh	28.6	50.7	49.9	n/a	

# **Robust Capital Structure and Liquidity Position**



Fully-funded to Deliver the Tyra Redevelopment Project





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**Continued Contribution to the Energy Transition** 

