

An ASX listed European Energy Producer and Explorer

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"Reliable energy doesn't need to cost the earth"





Disclaimer Statement

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Persons compiling information about hydrocarbons. Pursuant to the requirements of the ASX Listing Rule 5.31, 5.41 and 5.42, the unaudited resources and reserves information contained in this presentation has been prepared under the supervision of Mr Paul Fink. Mr Fink is Technical Director of ADX and a qualified geophysicist with 30 years of technical, commercial and management experience in exploration for, appraisal and development of oil and gas resources. Mr Fink has consented to the inclusion of this information in the form and context in which it appears. Mr Fink is a member of the EAGE (European Association of Geoscientists & Engineers) and FIDIC (Federation of Consulting Engineers).

Independent audit of developed reserves have been completed for ADX' Zistersdorf and Gaiselberg fields ("Fields") in the Vienna basin and Anshof in Upper Austria (Austria) by RISC Advisory Pty Ltd ("RISC"). RISC conducted an independent audit of ADX' Zistersdorf and Gaiselberg fields ("Fields") in the Vienna basin and Anshof in Upper Austria (Austria) by RISC and independent audit of ADX' Zistersdorf and Gaiselberg fields ("Fields") in the Vienna basin and Anshof in Upper Austria (Austria) by RISC and independent audit of ADX' Fields evaluations, including production forecasts, cost estimates and project economics. Production from existing wells is classified as Developed Non-Producing. RISC is an independent advisory firm offering the highest level of technical and commercial advice to a broad range of clients in the energy industries worldwide. RISC has offices in London. Perth. Brisbane and South-East Asia and has completed assignments in more than 90 countries for over 500 clients and has grown to become an international energy advisor of choice.

PRMS Reserves Classifications used in this presentation:

Developed Reserves are quantities expected to be recovered from existing wells and facilities.

Developed Producing Reserves are expected to be recovered from completion intervals that are open and producing at the time of the estimate.

Developed Non-Producing Reserves include shut-in and behind-pipe reserves with minor costs to access.

Undeveloped Reserves are quantities expected to be recovered through future significant investments.

- A. **Proved Reserves** (1P) are those quantities of Petroleum that by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be commercially recoverable from known reservoirs and under defined technical and commercial conditions. If deterministic methods are used, the term "reasonable certainty" is intended to express a high degree of confidence that the quantities will be recovered. If probabilistic methods are used, there should be at least a 90% probability that the quantities actually recovered will be equal or exceed the estimate.
- B. Probable Reserves are those additional Reserves which analysis of geoscience and engineering data indicate are less likely to be recovered than Possible Reserves. It is equally likely that actual remaining quantities recovered will be greater than or less than the sum of the estimated Proved plus Probable Reserves (2P). In this context, when probabilistic methods are used, there should be at least a 50% probability that the actual quantities recovered will equal or exceed the 2P estimate.
- C. Possible Reserves are those additional Reserves that analysis of geoscience and engineering data suggest are less likely to be recoverable that Probable Reserves. The total quantities ultimately recovered from the project have a low probability to exceed the sum of Proved plus Probable plus Possible (3P) Reserves, which is equivalent to the high-estimate scenario. When probabilistic methods are used, there should be at least a 10% probability that the actual quantities recovered will equal or exceed the 3P estimate. Possible Reserves that are located outside the 2P area (not upside quantities to the 2P scenario) may exist only when the commercial and technical maturity criteria have been met (that incorporate the Possible Reserves must reference a commercial 2P project.

Prospective Resource Classifications used in this presentation:

Prospective Resources are those estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) related to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further explorations appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

P(90) Estimate: means at least a 90% probability that the quantities actually recovered will equal or exceed the estimate.

P(50) Estimate: means At least a 50% probability that the quantities actually recovered will equal or exceed the estimate.

P(10) Estimate: means At least a 10% probability that the quantities actually recovered will equal or exceed the estimate.

Oil and Gas Conversions

BOE means barrels of oil equivalent. Bcfe means billion of cubic feet of gas equivalent. Gas to oil conversion used in this presentation: 6 mcf of gas = 1 barrel of oil. Mcf means thousand cubic feet of gas

A Compelling Investment **Proposition and Operating Strategy**

Strong **Underlying** and Increasing Cashflow



Meaningful Reserves and production Growth from New Discovery



World-class **Exploration** Portfolio in the heart of Europe



Value Adding, Complementary Renewable **Projects**



Capability

Ability to evaluate, generate and operate projects

Farmouts

Industry funding provides validation & risk reduction

336 boepd oil & gas production¹

4.3 mmbbl 2P reserves²

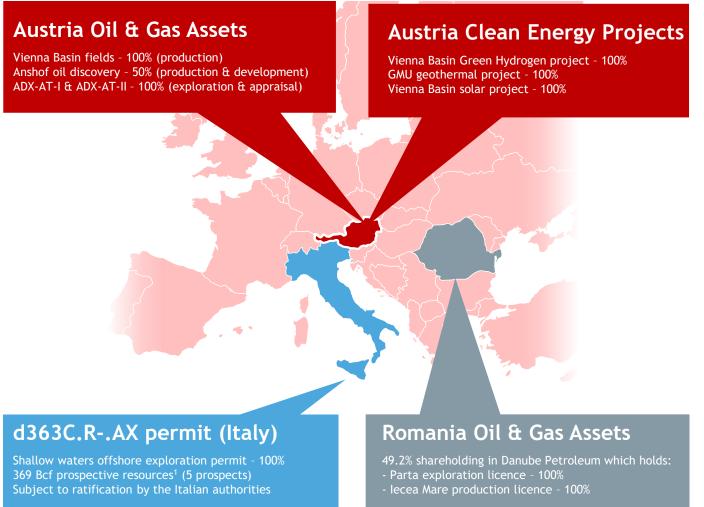
213 mmbboe³ prospective resources 47 MW combined renewable energy potential

Prospective Resources are those estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) related to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further explorations appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

¹ August 2023 average production from the Zistersdorf & Gaiselberg fields and Anshof field. ² ref. ASX release dated 31 October 2022 varied for MND transaction dated 18 September 2023, ³ Best technical prospective resources for Upper Austria only. Prospective resources reporting date update 22.06.2023

Corporate and Asset Summary

Positioned for a smarter, cleaner future for Europe



Refer to Cautionary Statement in relation to **Prospective Resources** on Page 3 of this presentation

Financial information	
Share price as at 15.11.2023	A\$ 0.12
Number of shares	363.1 m
Number of options	42.2 m
Market capitalisation	A\$ 43.6 m
Cash (unrestricted) as at 30.09.2023	A\$ 5.7 m
Debt (net of restricted cash for debt)	A\$ 2.2 m
Enterprise value	A\$ 40.1 m
Number of shareholders	2,071

Political & Strategic position

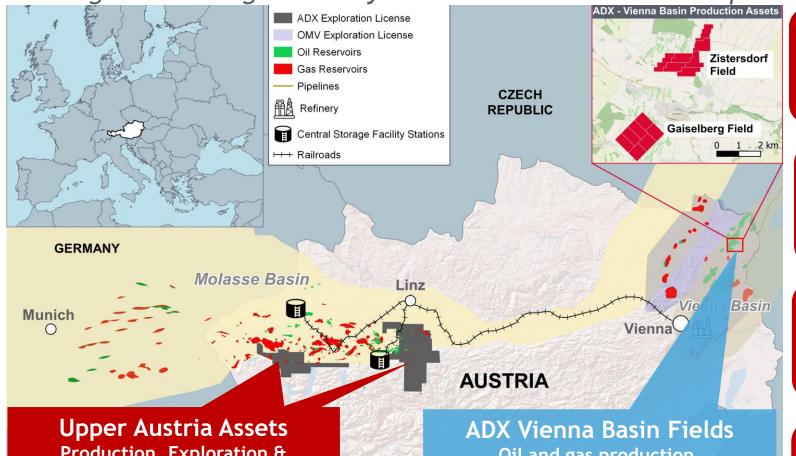
- ⇒ Stable jurisdictions with unmet energy demand
- ⇒ Excellent access to infrastructure
- ⇒ Strong focus on energy security since Ukraine war
- ⇒ Operatorship capability & boots on the ground

Our focus is on Austria



A great place to build an energy business rapid pathway to cashflow >> lots of

running room >> high value hydrocarbons >> stable & transparent jurisdiction



Production, Exploration & Geothermal

50% exploration success rate, infrastructure access, 3D seismic data set & extensive portfolio

Oil and gas production, H₂ production & storage, Solar Park Stable long life production, depleted reservoirs for storage & connected to power grid as well as oil gas pipelines

A significant oil and gas industry 1 billion bbl oil & 2.7 Tcf gas produced to date

75 Years oil & gas duopoly before ADX become the third operator in country

Energy Demand is unmet by local supply resulting in High Value Markets

Excellent Infrastructure that is highly accessible and Regulatory **Processes** are favourable & fast

Recent highlights

Last twelve months of activities

Financial

Increasing revenues, cashflow and deleveraging in 2022

Sales up to A\$14.4 million (+59%) / Operating Revenue up to A\$7.7 million (+85%) / Loan Repayment A\$3.3 million (Vienna basin field acquisition)

Transactions

- Welchau farmout MCF Energy transaction 50% well funding for 20% interest
- Anshof investment agreement A\$19 million MND funding for 30% interest
- Endorsed partnership framework enabling multiple exploration investments

Asset Development

- Anshof independent reserves review 2P Reserves 5.2 MMBOE 1(50% net to ADX)
- Anshof-3 commercial production approx. 140 bopd (50% net to ADX)
- Austria portfolio development Best case prospective resources of 213 MMBOE ²
- Operational readiness to drill Anshof-2 (spudded in Nov-23) and Welchau-1

Refer to Cautionary Statement in relation to **Prospective Resources** on Page 3
of this presentation.



Planned Activities

A period of high activity funded by farmouts and cashflow

Anshof-2
Appraisal well

Welchau- 1
Exploration well

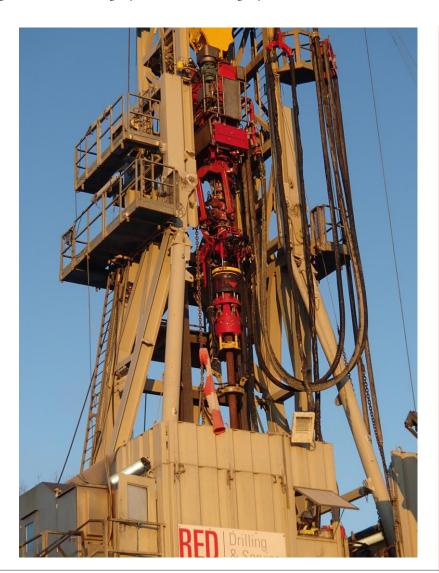
Anshof permanent production facility

Anshof-1
Production well

IRR-1 Exploration well

GRB-1Anshof follow up

Shallow Gas PlayMulti well program



Anshof field development drilling & production capacity enhancement

- ⇒ 2 new production wells (120 to 750 bopd)
- ⇒ Production capacity increase to 3,000 bopd

Gas exploration drilling

- ⇒ Welchau-1 drilling and play expansion
- ⇒ Near field gas exploration
- ⇒ New rapid gas commercialisation play

Anshof reserves development & near field oil exploration

⇒ Reserves growth and tie-in opportunities

Further farm-in transactions

⇒ Funding for additional exploration activity

Portfolio development

- ⇒ Ongoing expansion of portfolio

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Austrian Production and Development Assets

Stable, high value production with long term potential



- ✓ Low emission, low decline production delivering long term cash flow (approx. 250 boepd)
- ✓ Ownership of 13.7 hectares of land suitable for Solar Park 65 Km from Vienna
- ✓ High value sweet crude oil (no royalties)

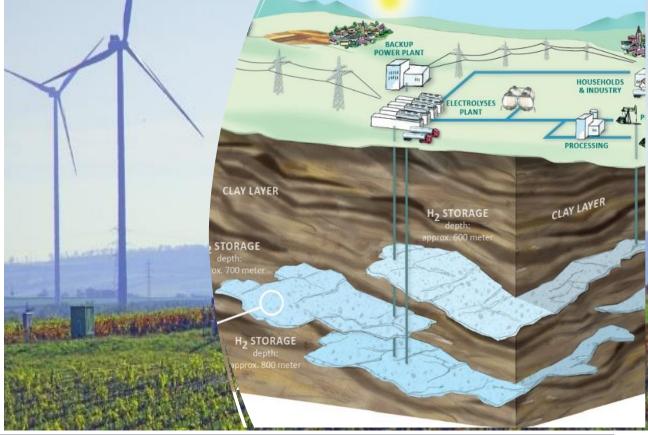


Multilayer field suitable for H₂ storage

1.72 mmbbl 2P developed reserves Note 1 Pipeline to Vienna refinery & gas pipeline

A long-term future for Vienna Basin Fields

- A unique position own the land + storage reservoirs + green power + connected to pipelines + availability of fresh water
- Addition of Solar Park, Hydrogen generation and Hydrogen Storage for planned hydrogen back bone



Anshof oil field - Strategic summary

Learnings to date

- ✓ Ability to get on the ground to drill in less than 6 months
- ✓ Discovery well has proved up a new structural model with positive implications for Anshof & follow up prospects
- ✓ Anshof-3 well performance above expectation supporting upside potential
- ✓ High value product (Brent 2%) delivered to refinery gate
- ✓ Access agreements and availability of infrastructure has enabled immediate commercialisation

Relevance for ADX?

- Secure industry funding to accelerate project
- Anshof-2 and Anshof-1 wells have large production rate potential thereby enhancing economics
- Large upside exists at relatively low risk 5 times multiple to 2P reserves
- Ability to scale up quicky and cheaply due to installation of permanent facility 3,000 BOPD capacity
- Substantial, adjacent follow up prospects held at 100% interest

Transactions, valuations and Independent Audits

- Independent Audit by Risc - A\$ 71 million 1
- MND transaction
 implied A\$ 19 million
 for 30% interest ²
- Auctus Advisors UK A\$ 77 million ³

¹ Independently Reviewed ref. ASX release dated 31 October 2022 ⁻ Estimated Net Present Value

Ref. ASX release dated 5 September 2023
 Auctus Advisors LLP valuation report dated 16 October 2023

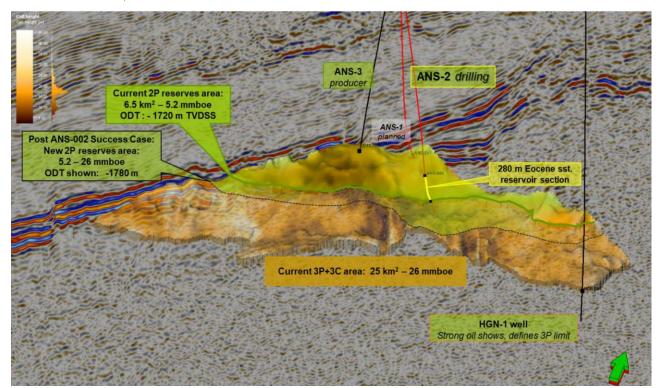


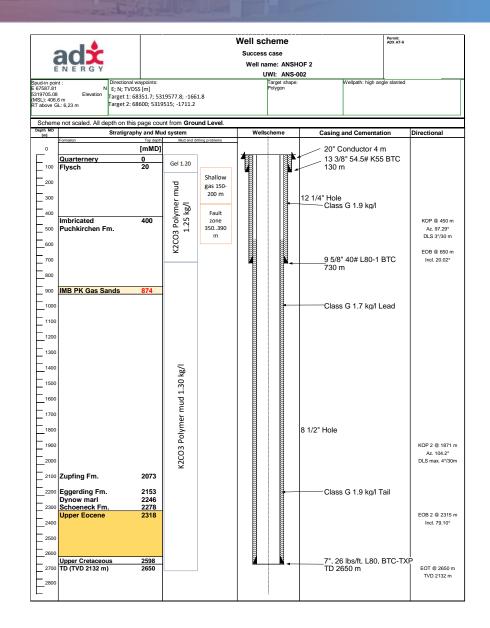


Anshof-2 Drilling Update

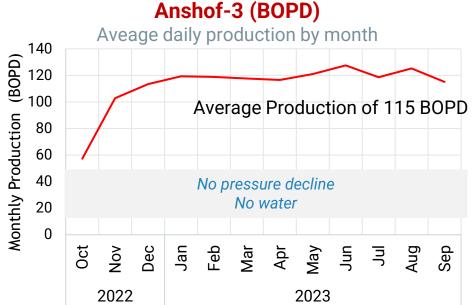
Current Status of Operations

- 13 November 2023: Spud Date
- 15 November 2023 (06:00hrs CET): Drill depth @ 108m
- Next 24 hrs: Drill to Section TD (130m) / Run 13 3/8" casing
- Next hole section (12 $\frac{1}{4}$ " hole): Mud weight increased (shallow gas and fault zone)





Anshof production to date





Anshof-3 exploration drilling

Anshof-3 Results - Independent review (RISC Advisory Pty Ltd, Oct 2022):

1P reserves (proven): 0.5 MMBOE 2P reserves: 5.2 MMBOE 3P + 3C reserves: 26 MMBOE Ref. ASX release dated 31 October 2022

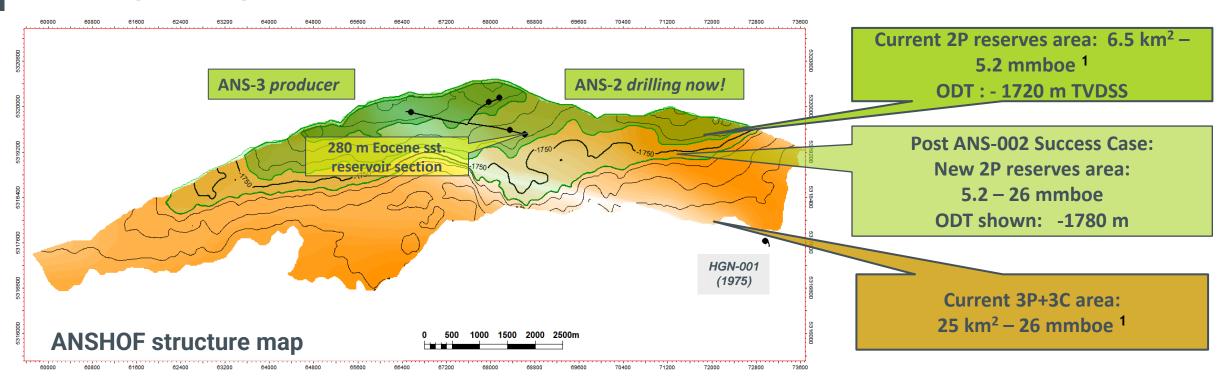
Anshof-3 Long-term Testing

- Oct 2022 until Sep 2023
- (Brent High quality crude oil equivalent)
- · Well was shut in after reaching the regulatory limit of 5,000 Tonnes (36,000 Barrels) of test production
- Stable water free rate of approximately 140 barrels per day
- No pressure decline was observed
- Anshof-3 production will recommence after the drilling of the Anshof-2 well and the installation of a permanent production facility in February 2024



Anshof-3 long term test production

Anshof reserves development potential



Anshof-2 will target thicker Eocene sandstones on the Anshof structure (ca. 1.8 km SE of Anshof-3) with a high angle well (providing a large reservoir intersection). Expected production rates: 300 bbl/d.

- The well will test the currently prognosed oil water contact which corresponds to a 2P reserves base of 5.2 MMBOE 1
- In the success case this would result in a significant increase of proven and probable reserves:
 - 1P reserves (ANS-2 success case): **5.2 MMBOE** ¹
 - 2P reserves (ANS-2 success case): 5.2 26 MMBOE

Anshof permanent production facilities (PPF)



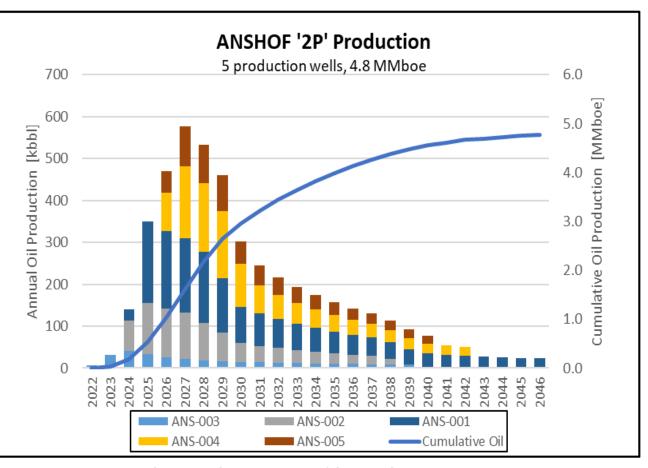
- Anshof site has three drilling slots Anshof-3 production well, shut in since 15 Sep 2023; Anshof-2 spud on 13 Nov 2023 and Anshof-1 which is anticipated to be drilled in Q2 2024
- Anshof field permanent production facilities (PPF):
 - procurement, planning and design work has been undertaken
 - currently shipped to Anshof location
 - installation in January 2024 and commission in February 2024
 - replaces early production unit used for ANS-003
 - simultaneous production of the Anshof-2, Anshof-3 wells then Anshof-1
 - Facility capacity is approx. 3000 barrels of oil per day enables use as central processing facility for further Anshof development wells
- Production will initially be trucked to a nearby train loading facility as per Anshof-3 well. Longer term plan to construct pipelines to nearby export facilities less than 4 km from the Anshof-3 location





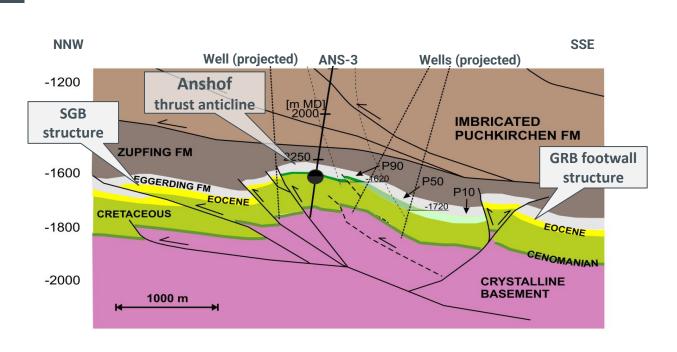
Anshof 2P project timeline & expected production build up

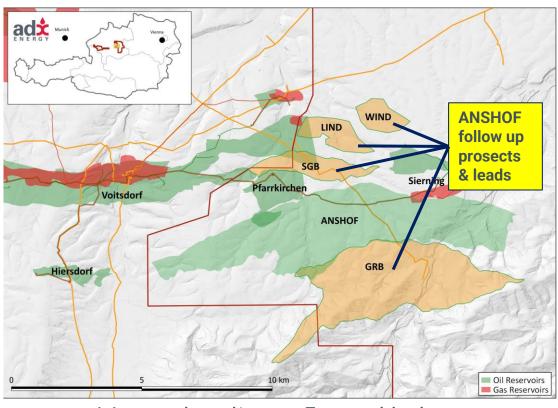
Near Term Project Activities Existing Drill Install Drill Commence Anshof-3 Anshof-2 permanent Production Anshof-1 Production Well production Anshof-3&2 well facility To Sept 23 Nov 2023 Feb 24 Q2 24 Jan & Feb 24



ADX 2P production profile and reserves case Based on five development wells

Anshof near field Eocene oil exploration





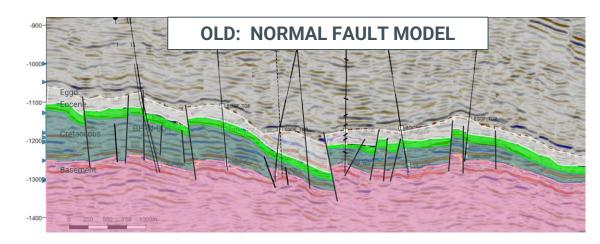
The new depositional and tectonic model opens several follow-up opportunities on the adjacent Eocene blocks:

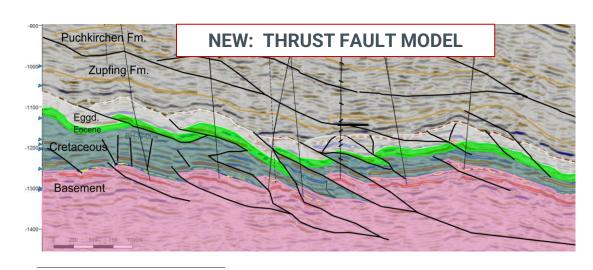
- GRB is a low-risk, high-reward oil appraisal project: Historic ASCH-1 well on structure proved oil flow to surface. GRB has 9.5 MMBOE ¹ best technical prospective resources
- SGB is located 1 km to the North of ANSHOF on the next Eocene block with 2.8 MMBOE ¹ best technical prospective resources. The prospect is significantly de-risked by Anshof discovery.
- LIND and WIND target shallower Eocene blocks to the N with 1.4 MMBOE ¹ best technical prospective resources

 Refer to Cautionary Statement in relation to Prospective Resources on Page 3 of this presentation

Anshof field discovery

New thinking proven by Anshof-3 discovery





The **new depositional concept** explains the primary distribution of Eocene reservoir sandstones, with depocenters located between Cretaceous thrust anticlines.

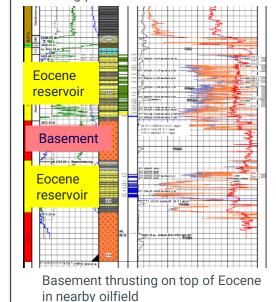
A new structural concept, which consists mainly of basement-involved thrusting, was key to the exploration success at Anshof-3:

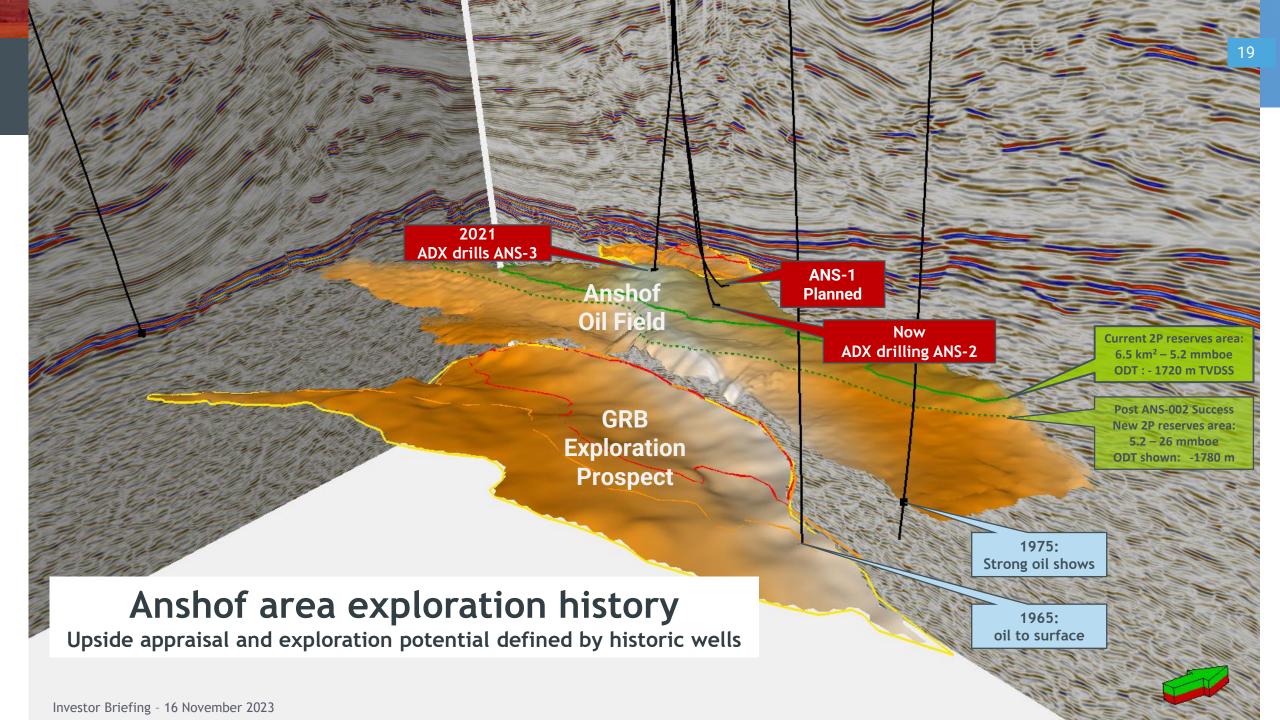
- based on thorough core and log analysis and its incorporation (abundant beddingparallel slickensides in almost all core samples; obvious **duplications** in logs)
- gives a better explanation of the seismic image which shows crests and troughs of top EO and other strata typical for shallow angle thrusting
- is able to explain the **observed** production behavior limited by faults on seismic scale whereas the old model (based on normal faults) could not.

THE SMOKING GUN



Bedding-parallel slickensides in cores





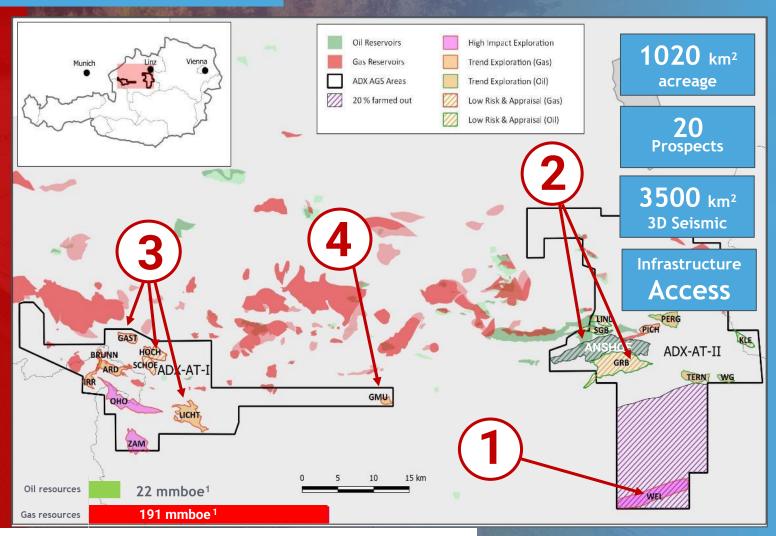




Upper Austria Exploration

High impact, drill ready portfolio in the heart of Europe

- 807 bcfe¹ World-class Welchau gas prospect to be drilled in 2023.
 Adjacent to tested gas discovery at Molln
- Anshof near field, low risk follow up oil prospect at GRB 9.5 mmbbl¹ provides rapid pathway to further reserves and cash flow
- Multiple High Impact Gas
 Prospects and new High Value
 Shallow gas play identified with state of
 the art Al seismic processing
- 18 MW Geothermal low risk, long term potential with shallow oil and gas targets provides new opportunity



Refer to Cautionary Statement in relation to Prospective Resources on Page 3 of this presentation.

Upper Austria Exploration Value Offering

Proven basin with exceptional growth potential



ADX approaching the top of the value pyramid for oil and gas in Upper Austria

Value realization at Anshof

Development drilling, increasing production and Reserves

- √ 2 new high productivity development wells to develop 5.2 ¹ mmbbls 2P gross reserves
- ✓ Installation of permanent processing facility with 4000 bopd capacity

Value creation

Multi well exploration drilling program

- ✓ At least 2 gas exploration wells will be drilled in the next 12 months funded by farmins
- \checkmark Follow up oil targets to Anshof and new shallow gas play identified with AI techniques

Value proposition

Large drill ready portfolio of oil and gas exploration prospects

- ✓ 213 ² MMBOE best estimate prospective resources
- ✓ Funding and risk reduction via industry farmouts enabled by development of partnership structure

Identified Upper Austria as a Core Area

High exploration success rate, large 3D data set & infrastructure, high value hydrocarbons

- ✓ Portfolio of exploration prospects proximal to strong markets for oil and gas
- ✓ Knowledgeable, experienced local exploration team

Docarbons Risk Reduction

Refer to Cautionary Statement in relation to **Prospective Resources** on Page 3 of this presentation.

Welchau-1 Giant Gas Prospect

Preparation for drilling and multiple follow ups if successful

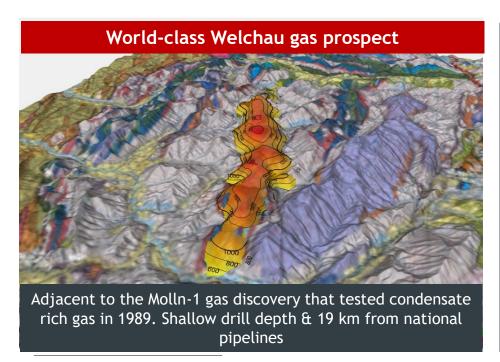
- Drilling permit for Welchau-1 well has been secured with commencement of drilling expected in Q4 2023
- Research funding provided to University of Vienna for collaborative assessment of Welchau area potential
- Four Welchau follow up prospects generated in same structural setting

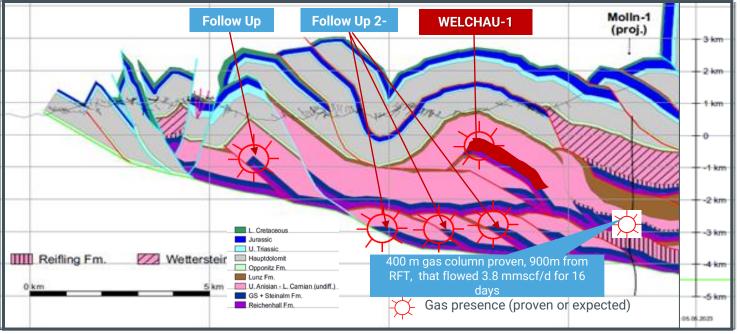
Welchau Gas Prospect Prospective Recoverable Resources Estimates				
		Minimum	Best Technical	Maximum
Gas	BCF	171	651	1315
Oil equivalent	BOE	29	108	219
Condensate	BBIs	6.8	26	52.6
Total Oil Equivalent	BOE	35	134	272
Total Gas Equivalent	BCFE	212	807	1631

Mcf per BBl conversion used

6 ASX Prospective Resources reporting date 22.06.2023

Refer to Cautionary Statement in relation to **Prospective**Resources on Page 3 of this presentation.





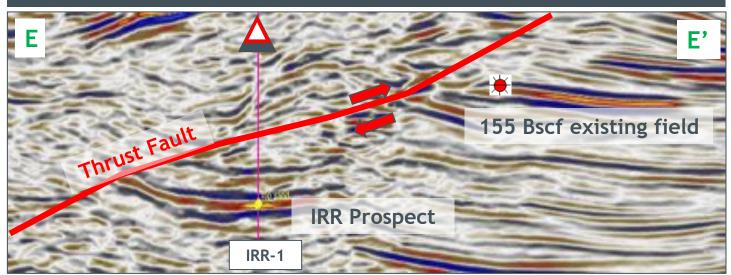
IRR-1 Gas Prospect

New work results in (+110%) resources increase

New technical interpretation using seismic responses indicative of gas and nearby well data

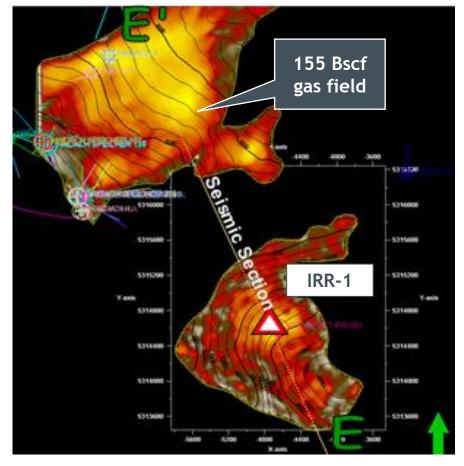
Analysis of analogous gas reservoirs in nearby gas field has led to a significant upward revision of expected possible gas net pay thickness

- 3D seismic response similar to adjacent gas field which has produced
 ~155 bscf of gas
- Expected Miocene deep water turbidite reservoirs have a proven flow capacity of up to 45 mmscf/day



Refer to Cautionary Statement in relation to **Prospective Resources** on Page 3 of this presentation.

IRR Prospect	Min (P90)	Best Technical	Max (P10)
Mmboe	1.6	6.3	13.1
Bscf	10	38	79





New Trend of Low Risk, Shallow Gas Prospects

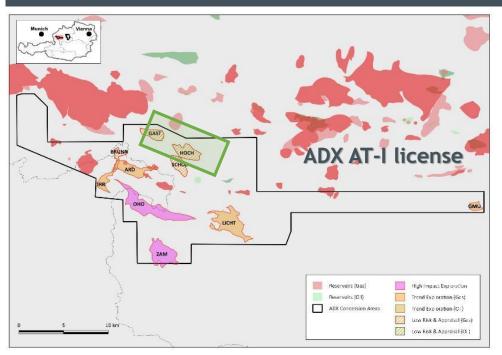
Portfolio addition from new ideas and state of the art techniques

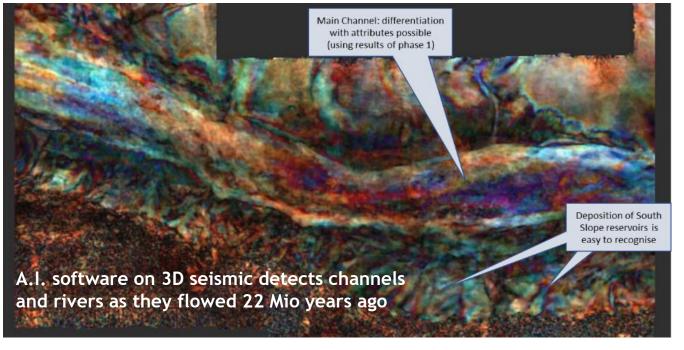
New gas prospects have been matured

Combination of Al Software, an international team of stratigraphic trap experts and local knowledge leading to deep understanding of unexplored gas potential

- Large stratigraphic upside potential
- Proven high permeability reservoirs (10 mmscf/day per well)
- Multiple additional prospects being generated

Prospect	Fluid (Expected)	Best Technical Recoverable (MMboe)	Best Technical Recoverable (BScf if gas)
SCHOE	GAS	1.1	6.6
НОСН	GAS	0.8	4.8
GAST	GAS	0.6	3.6





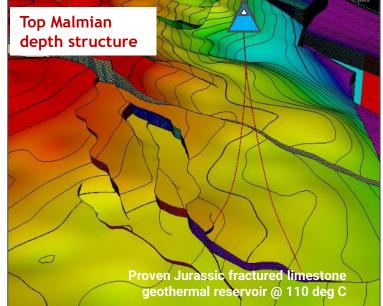
Geothermal Prospect with Oil and Gas Targets

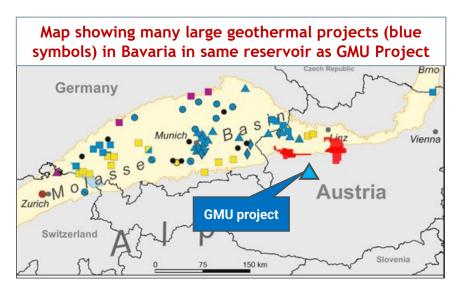
The GMU prospect combines geothermal opportunity with multiple overlying oil and gas targets defined on 3D seismic

Geothermal opportunity (fractured Jurassic limestone) is a proven play in the Molasse basin. 3D seismic attributes analysis indicating oil and gas potential in stacked targets which can be accessed by a single well

- High productivity reservoirs with best technical resource 3.9 mmboe
- Geothermal potential of 18 MW thermal power
- Market opportunity for district heating and power generation







Source: Bavarian Ministry for Environment

3D Seismic attributes indicate gas in Miocene
Sandstone Reservoirs with flow rate potential up to
45 mmscf/d

Refer to Cautionary Statement in relation to **Prospective Resources** on Page 3 of this presentation.

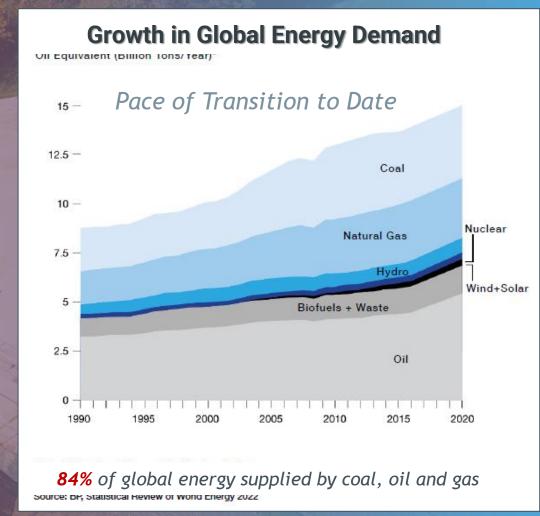
ADX role in European Energy Transition

Well positioned in the near term as well as long term

Oil & gas demand continues to increase

The transition to renewables is taking longer than expected

- Financial and greenhouse reduction benefits but gas supply is tight
- ➤ Oil and gas industry can make a significant transition contribution Geothermal, hydrogen & CO₂ storage are needed to achieve net zero goals



"ADX Vienna Basin oil and gas fields are the potential site for a **Green Hydrogen Production and**Storage Project and a Solar Park for self consumption and sales into power the grid"

Investor Presentation - 16 November 2023



The ADX Team

Our Team

Experience of our Board and Management Team

Mr Ian Tchacos

Mr Ian Tchacos	
Executive Chairman	35 years oil and gas professional - Petroleum Engineer, Operations & Corporate Development
Mr Paul Fink	
CEO and Executive Director	30 years oil & gas professional - Geohysicist, New Ventures & Exploration Management
Mr Andrew Childs	
Non-Executive Director	35 years oil and gas professional - Geoscientist, Corporate Development
Mr Edouard Etienvre	
Non-Executive Director	20 years oil and gas professional - Finance & Corporate Development
Ms Amanda Sparks	
Finance Manager & Co Company Secretary	20 years oil and gas professional - Finance & Company Secretarial, Chartered Accountant
Mr Peter Ironside	
Co Company Secretary	35 years resources professional - Finance, Chartered Accountant & Corporate Development
Mr Alan Reingruber	
Managing Director ADX VIE	20 years oil and gas professional - Reservoir Engineer, Operations and Corporate

A highly experienced management team with a proven track record of initiating, operating and developing international energy projects.



ad X

Near Term Activities

01

Anshof-2 and Anshof-1 appraisal and development Wells

Increase production rate by 300 bopd per well



03

Further Farm in Transactions

Strong industry interest to fund additional drilling activity in Upper Austria



05

Additional Gas Prospect drilling

High impact gas prospects and shallow high value targets proximal to infrastructure



02

Drill the Giant Welchau-1 Gas Prospect

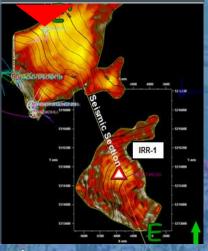
807 Bcfe ¹ potential adjacent to the Molln-1 gas discovery that tested condensate rich gas in 1989



04

Renewable Energy Project Feasibility

Progress technical definition for value adding complementary projects



Refer to Cautionary Statement in relation to Prospective Resources on Page 3 of this presentation.

Thank you for your attendance

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