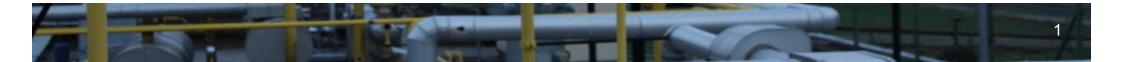


# **ADX Energy Ltd – Investor Update**



# A European focussed energy producer (ASX:ADX)





### **Important Notice**

This document has been prepared by ADX Energy Ltd for the purpose of providing information to interested analysts/investors and shareholders. Any statements, opinions, projections, forecasts or other material contained in this document do not constitute any commitments, representations or warranties by ADX Energy Ltd or its directors, agents and employees.

Except as required by law, and only to the extent so required, directors, agents and employees of ADX Energy Ltd shall in no way be liable to any person or body for any loss, claim, demand, damages, costs or expenses of whatsoever nature arising in any way out of, or in connection with, the information contained in this document. This document includes certain statements, opinions, projections, forecasts and other material, which reflect various assumptions. The assumptions may or may not prove to be correct. ADX Energy Ltd recommends that potential investors consult their professional advisor/s as an investment in the company is considered to be speculative in nature.

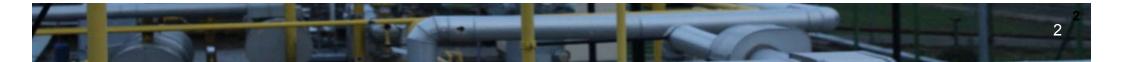
The information in this presentation is in summary form only and does not contain all the information necessary to fully evaluate any transaction or investment. It should be read in conjunction with ADX Energy Ltd's other periodic and continuous disclosure announcements lodged with the ASX. This document does not constitute an offer, invitation or recommendation to subscribe for or purchase any securities and does not form the basis of any contract or commitment.

### Persons compiling information about Hydrocarbons.

Pursuant to the requirements of the ASX Listing Rule 5.31 the technical and resources information contained in this release has been reviewed by Paul Fink as part of the due diligence process on behalf of ADX. Mr. Fink is Technical Director of ADX Energy Ltd and is a qualified geophysicist with 23 years of technical, commercial and management experience in exploration for, appraisal and development of oil and gas resources. Mr. Fink has reviewed the results, procedures and data contained in this presentation and considers the resource estimates to be fairly represented. 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).

Pursuant to the requirements of the ASX Listing Rule 5.31 the reserves information contained in this release has been reviewed by Dr Martin Soh as part of the due diligence process on behalf of ADX. Dr. Soh is a petroleum engineer from Reservoir Minds with over 10 years of relevant experience in hydrocarbon reserves estimation. Dr. Soh has assessed the results, procedures and data contained in this presentation as they relate to reserves to be reasonable. Dr. Soh has consented to the inclusion of this information in the form and context in which it appears. Dr. Soh is a member of the Society of Petroleum Engineers.

ADX has reviewed REP's Reserves Estimates which are based on field performance and considers them to be conservative and reasonable. All estimates are calculated probabilistically using the relevant PRMS Reserves Classifications at an evaluation date of 1 January 2019 and were first reported to the ASX on 2 July 2019. ADX confirms that it is not aware of any new information or data materially affects the information included in that announcement and further confirms that material assumptions and technical parameters underpinning the estimates in that announcement have not materially changed. The conversion factor used to convert volumes of gas to volumes of oil equivalent was 0.178 boe/mcf.





### **PRMS Reserves Classifications used in this Report**

**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 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 Proved Reserves but more certain 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 than 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 of 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 development scope). Standalone Possible Reserves must reference a commercial 2P project.

**Contingent Resources**: those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations but, for which the applied project(s) are not yet considered mature enough for commercial development due to one or more contingencies.

1C, 2C, 3C Estimates: in a probabilistic resource size distribution these are the P90 (90% probability), P50, and P10, respectively, for individual opportunities. Totals are by arithmetic summation as recommended under PRMS guidelines. This results in a conservative low case total and optimistic high case total.

**Prospective Resources:** 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. "Low" means a conservative estimate of the quantity that will actually be recovered from the accumulation by the project; there is a 90% probability (P90) that the quantity actually recovered will equal or exceed the best estimate. "Best" means a best estimate of the quantity that will actually be recovered from the quantity actually recovered will equal or exceed the best estimate. "High" means an optimistic estimate of the quantity that will actually be recovered from the accumulation by the project; there is a 10% probability (P10) that the quantity actually recovered the best estimate



# A European focussed energy producer (ASX:ADX)

# **Financial information**

Share price (4-Mar-2020)	A\$0.008
Number of shares Number of Options	<b>1,678</b> m 288m
Market capitalisation	A\$13.4m
Cash (31-Dec-2019) Includes funds held for Romanian Drilling & Testing	A\$5.0 m
Loan Notes (unsecured) Minority Interest in Subsidiary	A\$3.5 m A\$ 8.7 m
Enterprise value	A\$20.6 m

### **Company overview**

- Working towards becoming a leading European producer and explorer focussed on rapid returns and cashflow growth.
- Asset positions in Austria (Production), Romania (Appraisal) and the Mediterranean (Appraisal)
- ADX operates all assets with a production, geological and operations team located in Austria and nearby Romania
- 100% ownership of Austrian production assets and application for near field exploration utilising exclusive extensive 3D seismic data.
- Multiple, value adding decarbonisation opportunities identified in Austrian portfolio including geothermal and green gas.
- 49.2% ownership and operator position in appraisal, development and exploration position onshore Romania.
- High impact offshore Mediterranean appraisal assets in Italy and Tunisia and further growth opportunities in Austria & Romania

### Directors

### Ian Tchacos (Executive Chairman)

• Located Perth; petroleum engineer; production operations, commercial, corporate and management experience. (35 years)

### Paul Fink (Technical Director / CEO)

• Located Vienna; geophysicist; new ventures, exploration, production and management experience (30 Years)

### Andrew Childs (Non-Executive Director)

• Located Perth; geoscientist; exploration, HR and corporate experience (35 years)

### Edouard Etienvre (Non-Executive Director)

• Located London; finance executive; debt market, new ventures, commercial and management experience (15 years)

### Philip Haydn-Slater (Non-Executive Director)

• Located London; finance executive; equity market and corporate experience (35 years)

### Over 150 years of relevant oil and gas experience

### **Company Secretaries (joint)**

**Peter Ironside** – extensive finance and corporate experience **Amanda Sparks** – extensive administration and corporate experience

### ADX Vienna MD - Alan Reingruber

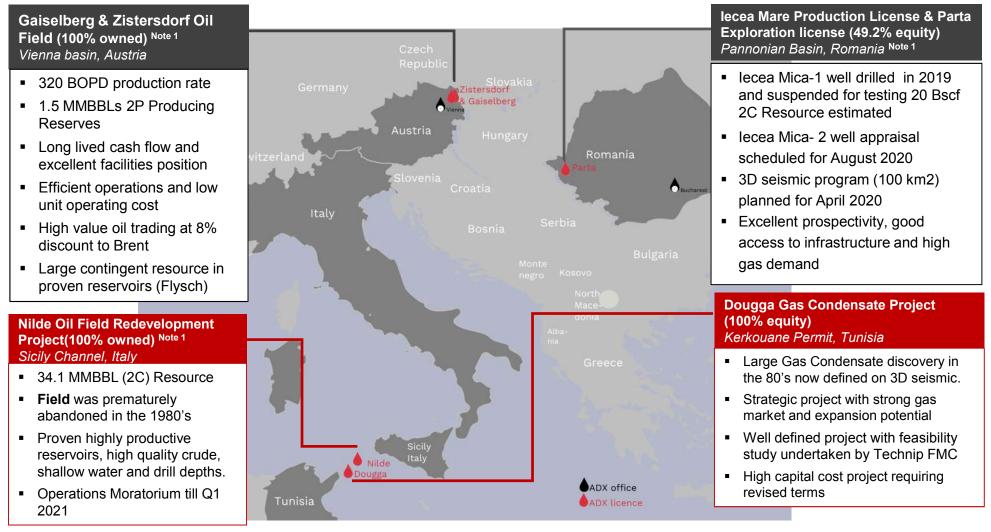
# **Shareholders**

Top 20 holders	50.98%
Board and Management Team	10.81%
Jetosea JP Morgan Nominees Australia Pty Ltd Willow Scent Limited	13.95% 10.61% 3.26%

# ASSET OVERVIEW



- ADX holds production, development, appraisal and exploration assets onshore and offshore Europe.
- Current focus is onshore in low cost, pro-development jurisdictions with favourable fiscal terms, excellent
  access to infrastructure and high energy pricing.
- ADX has identified complimentary renewable energy opportunities in its Austrian portfolio.



Note 1: Contingent Resources and Reserves Reporting Dates are as follows: Nilde 29/3/2018, Gaiselberg and Zistersdorf in Austria 6/9/2019, lecea Mica – 1 well Romania 9/9/2019

# **RECENT HIGHLIGHTS**



# A year of transformation – first steps towards becoming a material European producer



# Purchase Gaiselberg & Zistersdorf Oil Field, Vienna Basin

- Legal with RAG July 2019
- Financial Close December 2019
- Generated Euro 1.1 million net Revenue in 3months



# Exclusive Rights to RAG's Molasse Basin Exploration Data, Upper Austria

- Acquire Euro 90 million data
- 3600 km2 of 3D seismic & ready to drill prospect inventory
- Agree favourable access rights to facilities



# Drill successful lecea Mica – 1 Appraisal Onshore Romania

- 20 Bcf 2C Contingent Resource
- Funded by Reabold Resources
- Well completed as future producer

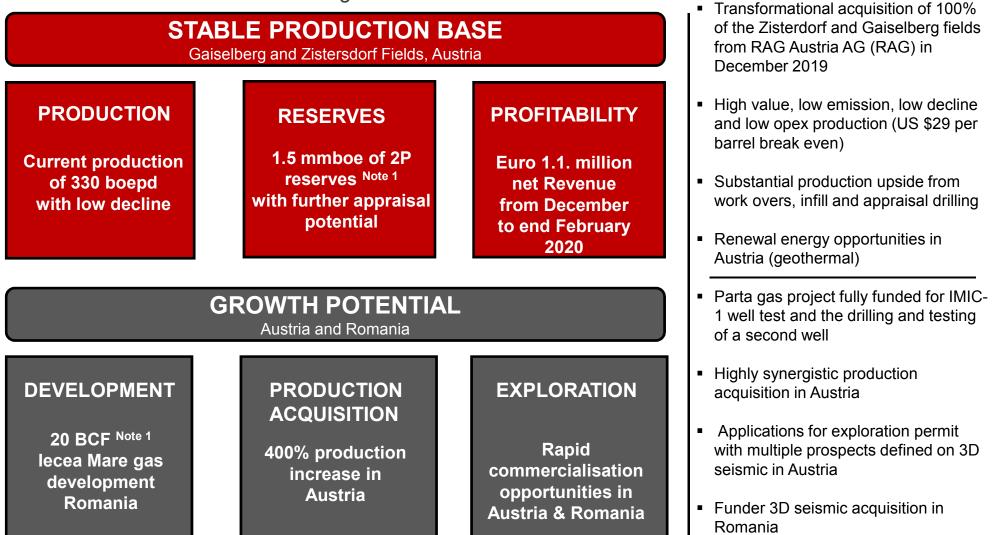
- Field purchased at 1 year cash flow
- ADX is now one of the only 3 operators in Austria
- A highly collaborative transaction enabling smooth operations transition
- High skilled operations, engineering & exploration team transferred to ADX
- Enabled acreage application for exploration permit with multiple prospects defined on 3D seismic
- Several prospects have been licensed for drilling with drill sites prepared.
- Rapid pathway to drilling and cashflow due to availability of infrastructure.
- Production testing early April.
- Undertaking development feasibility for tie in to gas plant or gas to power.
- Gas plant with in 12 kms of well
- Additional seismic to further define resource
- lecea Mica 2 well planned for Q3 2020



# INVESTMENT OVERVIEW



Focus on becoming a leading onshore European producer and explorer targeting rapid returns on investment and cashflow growth.

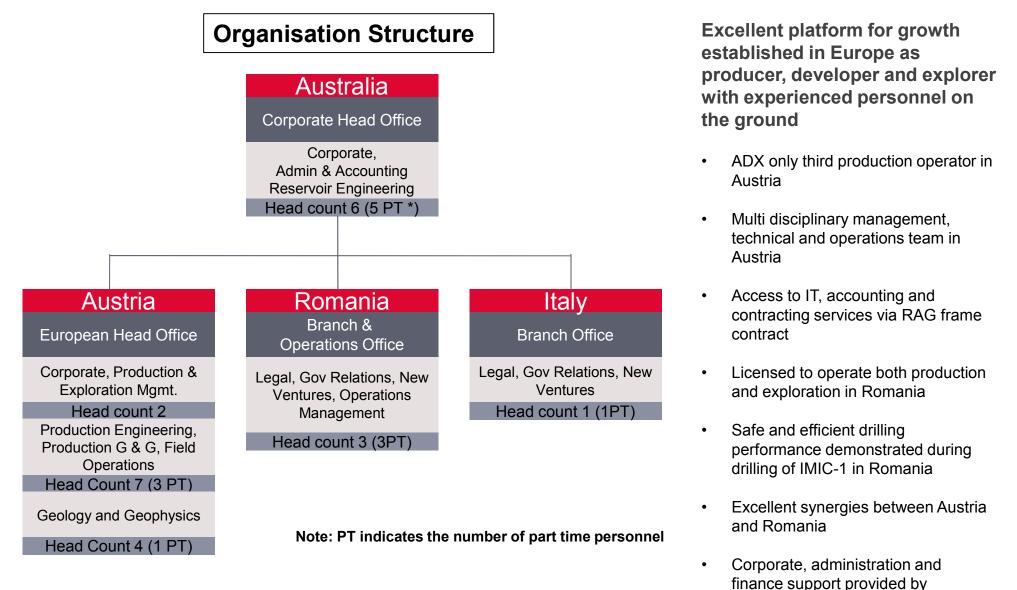


In the longer term ADX also holds high impact offshore opportunities such as the Nilde oilfield redevelopment in Italy.

Note 1: Contingent Resources and Reserves Reporting Dates are as follows: Gaiselberg and Zistersdorf in Austria 6/9/2019, lecea Mica – 1 well Romania 9/9/2019

# **OPERATING CAPABILITY**





8

Australian head office

# 2020 PLANNED ACTIVITIES



# Building on 2019 – the next steps towards becoming a material European producer

		2020			202	21	
		Q 1	Q 2	Q 3	Q 4	Q	2
Gaiselberg & Zistersdorf Field Production and Development. Vienna basin, Austria	Independently Audited Reserves Review	Reserves re	vision			1 1 1 1	
	Well recompletions & maintenance	Well wor	kovers			I I I	
	Infill drilling high grading & planning		Infil	ll well 1 🍐	Infill well 2		
	Appraisal drilling potential & planning	Flysch	contingent r	esources		T     	
Upper Austria	Acreage Gazettal Submitted Nov 2019	Gazettal neg	otiations				
Exploration Acreage Gazettal		Expe	cted Award			     	
Molasse Basin, Austria	Farmout Campaign & drilling preparations		1 1 1 1	Funding t	oy prospect		Exp V
Austria Production	ADX to seek preferred bidder status		ta Review legotiation			     	
Acquisition TBA	Financing discussions commenced will be critical to success	Le	gal Close(	Due Diligence			se
Romania Parta Area Appraisal & Exploration Program Pannonian Basin	Test successful 2019 appraisal well	MIC-1 test		     			
	Commercialise gas resource	IMIC-1 Fe	easibility & De	ev planning	F	irst gas	s 🌢 👘
	Parta exploration 3 D seismic		1 1 1 1	3D Seism	lic	     	
	Drill second appraisal well		- 1 1		IMIC-2 Dri	lling	

Focus of activities will be in Austria and Romania where ADX can rapidly develop cash flow base.



# ZISTERSDORF & GAISELBERG FIELD - Austria



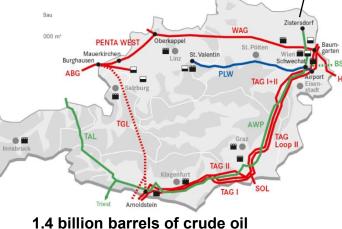
- 100% Equity purchased from RAG Austria AG (RAG) in December 2019
- Acquisition price @ EUR 2.2 per boe of 2P reserve and circa 1x EBITDA
- Low emission production from state of the art facilities & 13.7 hectares agricultural land.
- High value sweet crude oil (33 API 7.9% discount to Brent)
- 320 boepd stable production, low decline less than 2% per annum
- Potential to increase production by 20% via 2020 workover program
- 2 infill opportunities expected to increase 2P reserves by up to 50%
- Large appraisal potential in Flysch proven oil & gas reservoirs

Multilayer reservoir Producing since 1935 1.5 million Barrels 2P remaining reserves

8 mmbbl of 2C resource from Flysch reservoirs

34 wells, 20 producers, 14 injectors 4,000 BOEPD production capacity Pipeline to Schwechat refinery Vienna





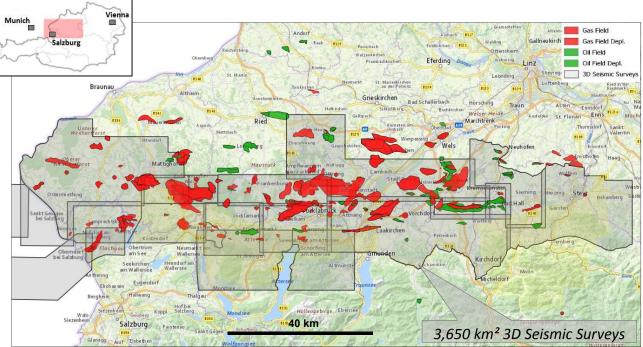
produced in Austria to date and current production of circa 25,000 bopd

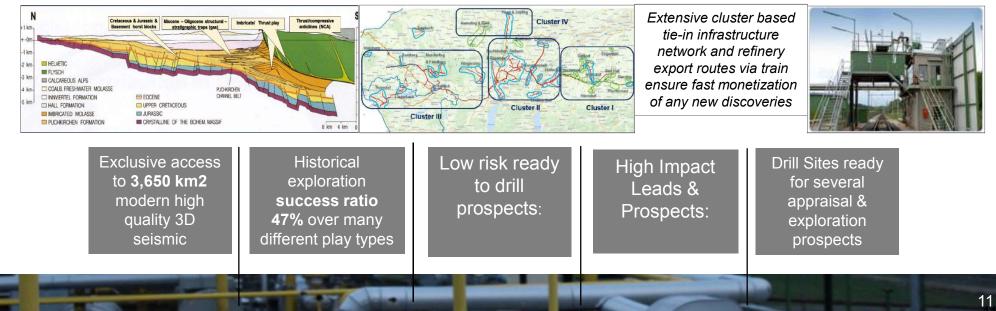


# **UPPER AUSTRIA EXPLORATION & APPRAISAL**



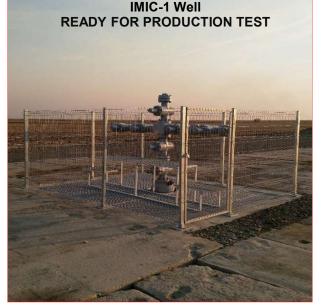
- ADX has exclusive rights to all data for 5years, including 3D seismic with \$100 million replacement value
- ADX is currently in a process with the Austrian Mining Authority on exploration areas and terms. Expectation is to finalize terms and areas in Q3 2020
- Strong additional demand for expansion of geothermal developments adds further potential value. Several prospects have a dual geothermal & hydrocarbon resource potential.
- Further decarbonization opportunities through gas storage and green gas

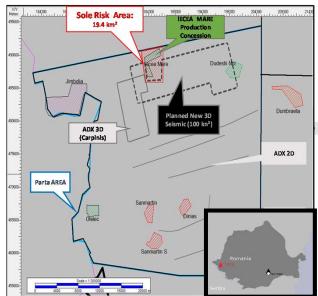




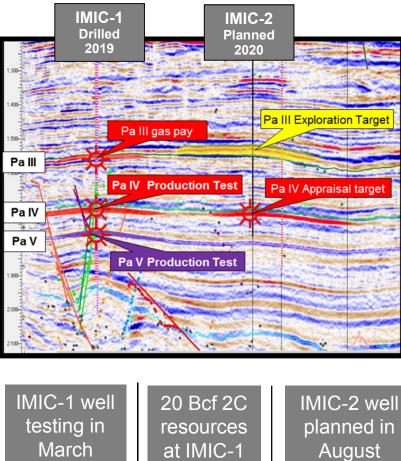
# PARTA AREA APPRAISAL PROJECT - Romania







### XSECTION SHOWING SUCCESSFULL IMIC-1 WELL & PLANNED IMIC-2 WELL PROVEN GAS TARGETS FROM 1600 TO 2200 METERS



- 49.2% operated interest
- Appraisal activities funded by LSE-AIM listed partner Reabold Resources Plc
- Exploration 3D seismic (100 sqkm) to be funded by ASX listed Tamaska Oil & Gas
- Successful IMIC-1 well suspended as a producer

.

- IMIC-1 development concepts include tie-in to open access Calacea gas plant (12 km) or gasto-power scheme
- Planning and all regulatory approvals for lecea Mica 2 well completed
- Excellent fiscal terms and unmet local gas demand with strong pricing

Onias Romania Eerthia	IMIC-1 well testing in March 2020	20 Bcf 2C resources at IMIC-1	IMIC-2 well planned in August 2020	IMIC-2 targeting 31 Bcf (50% 2C)	100 KM2 3D Seismic July 2020
-----------------------------	--	-------------------------------------	---	---	---------------------------------------

Note: Contingent Resources Reporting Dates are as follows: IMIC – 1 well Romania 9/9/2019, IMIC-2 11/7/2018

# SUMMARY OF STRATEGIC OBJECTIVES





**Hedging Strategy:** Prudent protection of downside during period of oil price volatility through hedging part of Gaiselburg and Zistersdorf production at above US\$ 50 per barrel (Brent).



**Gaizelburg & Zistresdorf fields:** Build reserves and production by approximately 50% through workovers and infill drilling. Appraisal of Flysch reservoirs 8 mmbbls 2C resource.



**Romania gas commercialisation:** Production test, book reserves, complete feasibility and develop the successful IMIC-1 appraisal well. Appraise and codevelop IMIC-2 well.



**Expand Austrian exploration portfolio:** Secure exploration licenses in upper Austria utilising exclusive 3D seismic and well data base secure from RAG.



Acquire Phase II Production Assets: Add synergistic production acquisitions to Austrian portfolio to increase production and reserves 400 - 500%



**Pursue value adding renewable opportunities:** Utilise existing Austrian production assets for green gas development or carbon storage. Pursue high proven geothermal prospects in exploration acreage positions.



Target European investors to expand shareholder base: Increase European investor awareness and pursue European dual listing.





# additional statements of the second statement of the s

### Executive Chairman: lan Tchacos email: ian.tchacos@adxenergy.com.au

Chief Executive: Paul Fink email: <u>Paul.Fink@adx-energy.com</u>

Finance Manager and Company Secretary: Amanda Sparks email: amanda.sparks@adxenergy.com.au

# adx-energy.com

