QUARTERLY ACTIVITIES REPORT TO 31 DECEMBER 2022

SensOre (ASX: S3N) aims to become the top performing global minerals technology company through deployment of big data, artificial intelligence (AI)/machine learning technologies and geoscience expertise

Highlights

- Quarterly invoices raised increased to $1.38m in Q2 FY2023, **up 82%** from Q1 FY2023

- Total Contract Value (TCV) **increased 34%** from $1.91m to $2.56m

- Technology milestones included launch of two new products:
  - Continued customer trials of the SensOre data platform received positive feedback
  - Containerisation completed of Cauchy Downward Continuation geophysics tool

- Services milestones achieved:
  - Delivered magmatic nickel targeting exercise for client focussed on Western Yilgarn
  - Delivered prospectivity map products to WA clients
  - Completed data services in multiple states, including in the Isa domain in Queensland
  - Commenced multiple data and targeting services for Lithium in WA and Northern Territory

- Exploration:
  - **Lithium targets** – Completed due diligence and data compilation at Gecko North and progressed evaluation and negotiation of additional joint ventures.
  - **Boodanoo** – air core drilling identified new gold mineralisation in an area with no previously known gold occurrences

- Cash balance at 31 December 2022 of $2.22m.

Figure 1: Software and Services Clients and Partners

ASX Announcement

SensOre (ASX:S3N) is pleased to present its quarterly activities report for the period ending December 2022.

Contracts and Financial Results

Cash receipts from customers during the quarter were $1.12m, an increase of 82% from Q1 FY2023. Billings and subsequently cash receipts vary month by month and quarter by quarter due to the anniversary dates of key contracts and the timing of services revenue in reaching project milestones. With closing trade receivables of $0.72m at the end of the quarter, cash receipts related to this will be received next quarter. Invoices raised during the quarter were $1.38m, up 82% over the prior quarter.

Total Contract Value (TCV) increased 34% compared to Q1 FY2023, on a net basis after depletion TCV $2.56m compared to the previous quarter. TCV is the remaining value of current contracts. It depletes monthly, as the remaining term of the contract reduces. Several larger contracts were signed with clients during the December quarter for delivery in coming quarters.
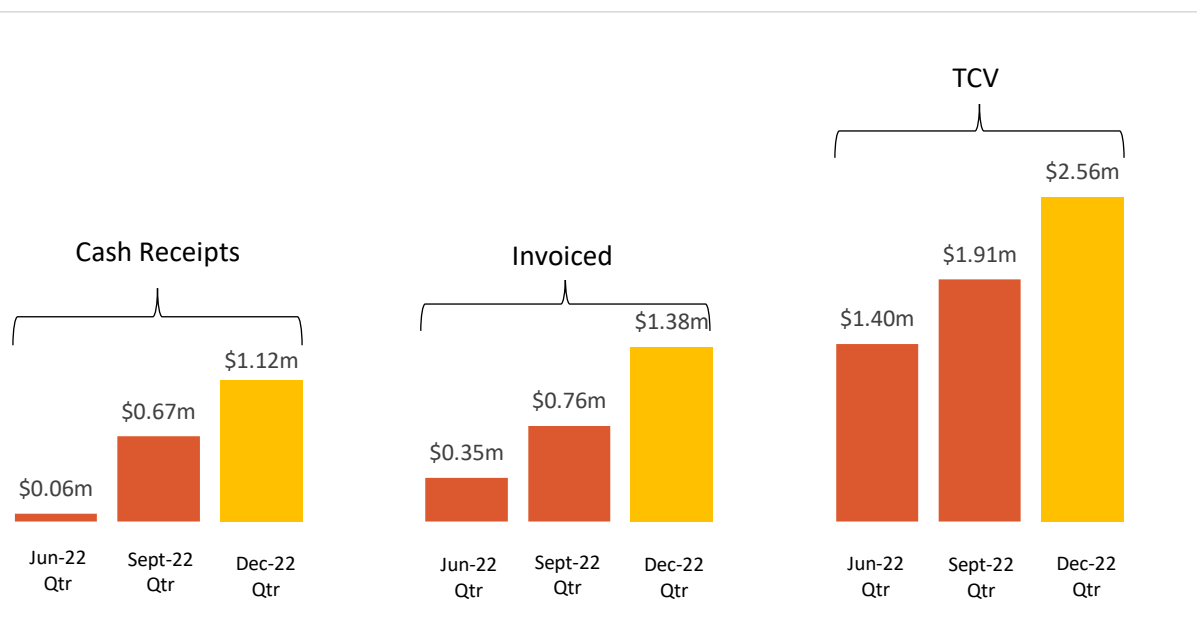

Figure 2: SensOre Financials by Quarter

Technology

SensOre's technology applies advances in AI and machine learning to large geoscience datasets to increase discovery rates, reduce exploration costs and minimise the environmental footprint of exploration.

Customer Trials on CGI Data Platform

SensOre continued customer trials of its data platform solution for clients. Clients will benefit from the first commercial integrated solution of actual and predicted geoscience data available Australia-wide. Product rollout and the release candidate model are scheduled for deployment in Q1 CY2023.

Services

SensOre works with several exploration and mining companies to offer AI-enhanced products and services. In doing so, SensOre aims to renew exploration pipelines and optimise exploration and discovery for its clients and partners.

SensOre completed several projects for major and mid-tier mining groups, the content of which is confidential at this stage. There was a significant increase in services business development activity in quarter and strong interest in SensOre's Intrepid targeting services.

ASX Announcement

A trademark application for SensOre's new SimClust® unsupervised geochemistry and geophysics service offering was accepted. Demand for SimClust with existing and new customers is increasing.

SensOre launched iChromite, a new suite of automated mineral chemistry assessment tools developed that can identify exploration targets more efficiently and accurately. iChromite uses highly innovative data processing techniques, integrated with machine learning tools. SensOre's geochemical technology team delivered the new tool from the first phase of a comprehensive research program directed at improving the fidelity of mineral chemistry.

Exploration

SensOre has built a tenement portfolio of wholly owned and joint ventured SensOre Group projects in Western Australia. SensOre adopts a 'project generator' model, acquiring and exploring multiple targets and, where required, amplifying its reach by sharing exploration costs through joint ventures.[1]

Safety and environment

SensOre conducted field exploration activity with no reportable ESG related incidents in the quarter.

Grace Project

The Grace target was identified using SensOre Ltd's Discriminant Predictive Targeting® (DPT) technology in 2021 and acquired early in 2022. SensOre secured a specialist lake drill rig in November 2022 and completed an initial ~1,500m air core drilling program to test the thickness and nature of the cover, nature of the basement geology. The air core results returned anomalous base metals.

Lithium targets

SensOre commenced a desktop review of soil geochemistry results at the Gecko North Project in Western Australia. Project tenement and data due diligence was completed during the quarter and SensOre issued $50,0000 of SensOre equity issued to Lith Gold under the agreement. Funds were received from Deutsche Rohstoff under the acquisition agreement announced on 21 March 2022.

Also in Western Australia, the new lithium exploration lease applications were progressed, building the company's portfolio of early-stage Li targets.

Boodanoo

Air core drilling on SensOre's wholly owned Boodanoo DPT target identified new gold mineralisation in an area with no previously known gold occurrences or drilling. Results included 22BDAC002 which returned 1m@ 1.19g/t gold from 18m and 22BDAC006 which returned 1m@1.22g/t gold from 39m.

Other targets

Maynards Dam, Marloo & Tea Well

SensOre relinquished several projects as part of its review of first pass greenfield exploration. The projects did not meet technical Key Decision Points (KDP) in accordance with SensOre's success criteria and were removed from the portfolio.

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1   The Company's wholly owned and joint venture tenements remain in good standing at quarter-end. Other than as outlined in this announcement including Annexure 1, SensOre has not disposed of any tenements during the quarter. Further details regarding SensOre Group tenements, including project locations, are set out in Annexure 1. Refer to the Independent Technical Assessment Report (ITAR) (Appendix A to the SensOre Prospectus released by ASX on 9 February 2022) for further SensOre Group project information. Other than as announced to the ASX in this and previous quarterly reports SensOre confirms that it is not aware of any new information or data that materially affects the SensOre Group project information included in the ITAR.

ASX Announcement

Corporate

Establishment of lithium joint venture

SensOre progressed forming a joint venture company with Deutche Rohstoff.

Technology acquisition

SensOre moved to focus on its technology revenue and project delivery with the completion of several milestones. Central to these were investments in automation, product creation and customer facing project delivery.

Finance

Cash at bank at 31 December 2022 was $2.22m including term deposits of $0.10m being held as security over the Company's office leases in the form of bank guarantees. The Company had minimal borrowings at 31 December 2022 relating to insurance premium funding.

Use of IPO funds

In section 7.1.3 of the Prospectus, the Company provided a proposed use of funds statement based on a target subscription of $10.0 million. The table below shows an amended use of funds based on the actual gross proceeds raised from the IPO (as foreshadowed in section 7.1.3 of the Prospectus) and the amount of funds expended from the date of admission to the ASX to quarter-end, being 11 February 2022 to 31 December 2022:

	Allocated amounts[1] A$	Utilised amounts A$	Comments
Sources of funds			
Existing cash reserves	1,578,856	1,578,856	
Gross proceeds from IPO	7,484,255	7,484,255	
Anticipated R&D Tax incentive refunds	1,800,912	1,867,640	See note 1
Uses of funds			
Net exploration expenditure	(4,314,794)	(3,225,405)	See note 2
Technology & Services	(3,518,890)	(2,126,542)	See note 3
Corporate administration	(1,830,649)	(2,179,051)	In line with expectations
Expenses of the offer	(996,055)	(1,014,300)	In line with expectations
Working capital	(203,635)	(160,800)	
Funds outstanding	**-**	**2,224,652**	

1. The proposed sources and use of funds outlined in the above table is a statement of intentions as at the date of the Prospectus. As with any budget, intervening events and new circumstances (including the need to adapt to a changing competitive environment, the outcome of exploration programs, the level of demand for the Company's products and services, regulatory developments and market and general economic conditions) have the potential to affect the manner in which funds are ultimately applied. Further, the above expenditure assumes contributions from partners (based on existing partner funding arrangements) that may not eventuate as anticipated. Consequently, the Board reserves its right to alter the way funds are applied.

Commentary on use of IPO funds

Note 1: R&D Tax incentives are received from the Australian government on an annual basis following lodgement of the Company's consolidated tax return in July/August of each year.

Note 2: Following completion of the IPO, exploration activities ramped up to complete drilling programs, test SensOre Group AI-targets and meet the Company's various joint venture and regulatory tenement commitments. Exploration expenditure may vary in subsequent quarters depending on program amendments, project acquisition and relinquishment activities, drill campaign timing and exploration outcomes.

Note 3: Following completion of the IPO, the Company ramped up activities in both technology development and client exploration services in Q1-Q3 2022. These costs were higher over this period than originally estimated but are anticipated to be lower in the future as these tasks reach completion. These higher costs are expected to be offset by technology and exploration service revenue. Also included in Technology and & Services is the acquisition of Intrepid Geophysics completed in the September quarter.

Other

The Appendix 5B for the quarter ended 30 December 2022 provides an overview of the Company's financial activities. Exploration expenditure (including both capitalised and non-capitalised exploration expenditure) totalled $612,786 and included direct drilling costs of SensOre Group exploration campaigns. Technology development costs of $1,117,775 were incurred in relation to development of the technology platform with CGI and the continued expansion of the Company's Data Cube. Other cash outflows included corporate staff costs of $283,315 and corporate and administration costs of $349,867 offset by receipts from clients of $1,115,403.

Payments to related parties of SensOre included in cash flows from operating activities amounted to $194,910 as per item 6.1 of Appendix 5B. No payments were made to associates of related parties. Non-executive director fees paid during the quarter ended 30 December 2023 were $70,000.

Capital structure

The Company's capital structure as at quarter end is set out below:

Class	Number
Fully paid ordinary shares[1]	69,066,038
Broker Options[1]	2,068,410
Advisor Options[1]	-
Performance Rights[1,2]	4,692,439

1. For further information see Pre quotation disclosure announced to the ASX 9 February 2022.

   As announced on 5 January 2023, 118,500 ordinary fully paid shares were issued on the same date (not included in the total balance as issued in the following quarter). As announced on 5 January 2023, 2,000,000 advisor/performance rights were issued on the same date (not included in the total balance as issued in the following quarter).

2. In accordance with its Long-Term Incentive Plan and as foreshadowed in the Prospectus, the Company oferred performance rights to executives and employees with an effective grant date of 20 October 2022 of 257,648 performance to Richard Taylor and 200,965 performance rights to Robbie Rowe.

ASX Announcement

Upcoming Activity and Milestones[1]

SensOre has a busy period of activity ahead across its Technology, Services and Exploration divisions, as summarised below:

Technology	Period
SensOre Data platform commercial release	Q1 CY23
Data platform expansion all states	Q4 CY23
Cauchy Downward Continuation cloud migration	Q2 CY23
Services	
Completion of South Australia targeting generation	Q2 CY23
Barton Gold, Central Gawler Au Phase 2	Q2 CY23
Multiple commodity and multi-client targeting in Western Australia	Q1 CY23
First NSW projects commence	Q1 CY23
Exploration	
Gecko North soil and geophysics program	Q2 CY23
Auralia geophysics acquisition	Q2 CY23

1. Activities and milestones as well as corresponding periods are subject to change.

This announcement was approved and authorised for release by the Board of Directors of SensOre Ltd.

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About SensOre

SensOre aims to become the top performing minerals targeting company in the world through the deployment of AI and machine learning (ML) technologies, specifically its Discriminant Predictive Targeting® (DPT®) workflow. SensOre collects all available geological information in a terrane and places it in a multidimensional hypercube or data cube. SensOre's big data approach allows DPT predictive analytics to accurately predict known endowment and generate targets for further discovery.

The SensOre Group has built a tenement portfolio of highly prospective, wholly-owned and joint ventured technology metals tenement packages located in Western Australia. As the capacity of SensOre's AI technologies expand to new terranes and a broader range of commodities, the Company anticipates that new targets will be identified and acquired in Australia and internationally.

SensOre's DPT technology has been developed over many years and involves the application of new computer assisted statistical approaches and ML techniques across the workflow of mineral exploration. The workflow includes data acquisition, data processing, ML training, ML prediction and analysis through DPT. SensOre has acquired numerous data sets and used these to generate mineral system targets. Targets have been analysed and vetted by SensOre's experienced exploration geoscientists. Publicly available data in the form of geophysics, surface geochemical, drilling and geological layers and derivatives have been compiled into a massive data cube covering much of Western Australia. SensOre believes that the combination of big data and ML techniques will provide the next generation of exploration discovery.

Competent person's statement

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled by Robert Rowe, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM) and is a Registered Professional Geoscientist in the field of Mineral Exploration with the Australian Institute of Geoscientists. Mr Rowe is a full-time employee and the Chief Operating Officer of SensOre. Mr Rowe has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the *Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves*. Mr Rowe consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Forward-looking statements

This announcement contains or may contain certain 'forward-looking statements' and comments about future events, including in relation to SensOre's business, plans and strategies and expected trends in the industry in which SensOre currently operates. Forward-looking statements involve inherent risks, assumptions and uncertainties, both general and specific, and there is a risk that such predictions, forecasts, projections and other forward-looking statements will not be achieved. Forward looking statements are based on SensOre's good faith assumptions as to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. A number of important factors could cause SensOre's actual results to differ materially from the plans, objectives, expectations, estimates, targets and intentions expressed in such forward-looking statements, and many of these factors are beyond SensOre's control. Forward-looking statements may prove to be incorrect, and circumstances may change, and the contents of this announcement may become outdated as a result. SensOre does not give any assurance that the assumptions will prove to be correct. Readers should note that any past performance is given for illustrative purposes only and should not be relied on as (and is not) an indication of the Company's views on its future financial performance or condition. Past performance of the Company cannot be relied on as an indicator of (and provides no guidance as to) future performance including future share price performance. Except as required by law or regulation, SensOre undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. Nothing in this announcement should be construed as either an offer to sell or a solicitation to buy or sell SensOre securities.

Annexure 1

SensOre Group Tenements

Project	Holder	Tenement	Status	Location (Shire)	Interest at Qtr-end	Change during Quarter / Farm-in Interest
8 Mile Well	SensOre Yilgarn Ventures Pty Ltd (SYV)	E37/1420	Granted	Leonora	100	
		P37/9436	Granted	Leonora	100	
		P37/9437	Granted	Leonora	100	
		P37/9438	Granted	Leonora	100	
		P37/9439	Granted	Leonora	100	
		P37/9442	Granted	Leonora	100	
		P37/9443	Granted	Leonora	100	
		P37/9444	Granted	Leonora	100	
		P37/9445	Granted	Leonora	100	
		P37/9446	Granted	Leonora	100	
		P37/9597	Granted	Leonora	100	
Auralia	CGM (WA) Pty Ltd	E69/3636	Granted	Kalgoorlie-Boulder	0	Earn-in interest: 70% Further details in S3N 2022 Annual Report.
		E69/3637	Granted	Kalgoorlie-Boulder Menzies	0	
		E69/3700	Granted	Kalgoorlie-Boulder	0	
Balagundi[1]	Third Party Individual[2]	M25/173	Granted	Kalgoorlie-Boulder	0	Farm-in Interest: 80% Further details in S3N 2022 Annual Report.
		P25/2356	Granted	Kalgoorlie-Boulder	0	
		P25/2392	Granted	Kalgoorlie-Boulder	0	
		P25/2397	Granted	Kalgoorlie-Boulder	0	
		P25/2398	Granted	Kalgoorlie-Boulder	0	
		P25/2448	Granted	Kalgoorlie-Boulder	0	
		P25/2617	Granted	Kalgoorlie-Boulder	0	
		P25/2692	Granted	Kalgoorlie-Boulder	0	
		M25/375	Application[3]	Kalgoorlie-Boulder	0	
Boo Boo Well	Pilbara Exploration Ventures Pty Ltd (PEV)	E53/2255	Application	Wiluna	100	Application date 17 August 2022
Boodanoo	SYV	E59/2368	Granted	Murchison/Yalgoo	100	
Bowgarder Well	Exploration Ventures Al Pty Ltd (EVA)	E70/6301	Application	Morawa	100	Application date 14 September 2022

Project	Holder	Tenement	Status	Location (Shire)	Interest at Qtr-end	Change during Quarter / Farm-in Interest
Central Balagundi[1]	GoldEarth Enterprises Pty Ltd Third Party Individual[2]	M25/359	Granted	Kalgoorlie-Boulder	0	Farm-in Interest: 80% Further details in S3N 2022 Annual Report.
Christmas Well	Yilgarn Exploration Ventures Pty Ltd (YEV)[1]	E37/1371	Granted	Leonora	100	Granted 20 December 2022
		P37/9211	Granted	Leonora	100	
		P37/9212	Granted	Leonora	100	
		P37/9213	Granted	Leonora	100	
		P37/9214	Granted	Leonora	100	
		P37/9215	Granted	Leonora	100	
		P37/9216	Granted	Leonora	100	
		P37/9217	Granted	Leonora	100	
		P37/9218	Granted	Leonora	100	
		P37/9219	Granted	Leonora	100	
		E37/1411	Granted	Leonora	100	
Desdemona North[1]	Kin West WA Pty Ltd	E37/1152	Granted	Leonora	0	Farm-in Interest: 75% Further details in S3N 2022 Annual Report.
		E37/1156	Granted	Leonora	0	
		E37/1201	Granted	Leonora	0	
		E37/1326[4]	Granted	Leonora	0	
		E40/283[5]	Granted	Leonora Menzies	0	
		E37/1203	Granted	Leonora	0	
		E37/1315	Granted	Leonora	0	
Gecko North	Latitude Consolidated Holdings Pty Ltd[7]	E15/1587	Granted	Coolgardie	0	Farm-in Interest: 80% Further details in S3N ASX release of 10 November 2022[7]
Grace JV[1]	Great Southern Gypsum Limited	E70/5253	Granted	Lake Grace	0	Farm-in Interest: 75% Further details in S3N 2022 Annual Report.
		M70/1384	Granted	Lake Grace	0	
		P70/1750	Granted	Lake Grace	0	
Grace	SensOre Exploration Holdings Pty Ltd (SEH)	E70/5824	Granted	Lake Grace	100	Granted 22 December 2022
Jenkins	SensOre Battery Minerals Pty Ltd (SBM)	E69/3986	Granted	Dundas	100	Granted 26 July 2022
Marloo	Monger Exploration Pty Ltd	E15/1498	Granted	Coolgardie	0	Withdrawn from JV. JV partner notified 15/11/22

Project	Holder	Tenement	Status	Location (Shire)	Interest at Qtr-end	Change during Quarter / Farm-in Interest
Maynards Dam	Jindalee Resources Limited	E15/1752	Granted	Coolgardie	0	Withdrawn from JV. JV partner notified 15/11/22
Minigwal	PEV	E39/2356	Application	Menzies	100	Application date 17 August 2022
Mogul Well	SYV	E51/2019	Granted	Cue/Meekatharra	100	
Moonera	Nullabor Resources Pty Ltd	E69/3724	Granted	Dundas	0	Farm-in Interest: 80% Further details in S3N 2022 Annual Report.
Mt Magnet North[1]	Third Party Individual[2]	E58/525	Granted	Mt Magnet	0	Farm-in Interest: 85% Further details in S3N 2022 Annual Report.
North Darlot[1]	Third Party Individual[2]	E37/1220[6]	Granted	Leonora	0	Interest: 85% Further details in S3N 2022 Annual Report.
Nunyerry	PEV	E47/4744	Application	Ashburton	100	Application date 17 August 2022
Tea Well	YEV[1]	P51/3115	Granted	Meekatharra	100	
		P51/3116	Granted	Meekatharra	100	
		P51/3117	Granted	Meekatharra	100	
		P51/3118	Granted	Meekatharra	100	
		P51/3119	Granted	Meekatharra	100	
		P51/3120	Granted	Meekatharra	100	
Tea Well East	SYV	P51/3242	Granted	Meekatharra	100	
		P51/3243	Granted	Meekatharra	100	
		P51/3247	Granted	Meekatharra	100	
Tea Well JV[1]	Third Party Individual[2]	E51/1679	Granted	Meekatharra	0	Withdrawn from JV. Tenement holder notified 29/11/22
		P51/2917	Granted	Meekatharra	0	
		P51/2918	Granted	Meekatharra	0	
		P51/2934	Granted	Meekatharra	0	
		P51/3050	Granted	Meekatharra	0	
		P51/3144	Granted	Meekatharra	0	
Sandstone Road	Third Party Individual[2]	P51/3051	Granted	Meekatharra	0	Withdrawn from JV. Tenement holder notified 14/11/22
		P51/3052	Granted	Meekatharra	0	
		P51/3053	Granted	Meekatharra	0	
		P51/3054	Granted	Meekatharra	0	
Scorpion	SBM	E69/3985	Granted	Dundas	100	Granted 2 November 2022

Notes:

1. SensOre Group interest via Yilgarn Exploration Ventures Pty Ltd (YEV) (SensOre 60%, DGO Gold Limited 40%)
2. Third Party Individual is not related to the Company
3. Application to convert existing prospecting licences: P25/2356, P25/2397, P25/2398, P25/2448, P25/2617 and P25/2692
4. Farm-in area: 6 of 33 graticular blocks
5. Farm-in area: 3 of 20 graticular blocks

6. Earn-in area: 21 of 34 graticular blocks
7. SensOre Group interest via Exploration Ventures AI (EVAI) (SensOre 30%, Deutsche Rohstoff 70%)