X2M digitising utilities in APAC

# **Entitlement offer**

**December 2023** 



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#### **Entitlement Offer Details**



- 1 for 6 non renounceable entitlement issue to Shareholders to raise up to \$1.5m through the issue of approx. 38.1m Shares at \$0.04 per Share
- Offer Price of A\$0.04 per New Share under the Offer, which represents: 15% discount to the close on 1 Dec 2023 of A\$0.047
- The New Shares issued under the Offer will rank equally with existing X2M shares on issue
- Use of Funds: platform enhancements for renewable energy, smart communities and ongoing operations

Uses of funds	Amount (\$m)
Platform enhancements for renewable energy	\$0.70
Smart community and agri	\$0.40
Business development and marketing	\$0.20
Working capital	\$0.15
Capital raising costs	\$0.05
Total	\$1.50

Capital structure	Current	Entitlement issue	On Completion
Shares	228,521,905	38,086,984	266,608,889
Listed Options	23,350,397	-	23,350,397
Unlisted Options & Rights	81,892,330	-	81,892,330
Convertible Notes @ \$0.05 (if converted)	34,000,000	-	34,000,000



# **Entitlement Offer Timetable**

Activity	Date
Announcement of Offer  Lodgement of Appendix 3B with ASX  Lodgement of Offer Letter with ASX	Before market open 6 December 2023
Ex date	8 December 2023
Record Date for the Offer	11 December 2023 (7:00pm AEDT)
Offer Document despatched to Shareholders  Company announces the despatch has completed  Opening Date for Offer	14 December 2023
Last day to extend Offer closing date	Before 12:00pm (AEDT) 20 December 2023
Closing Date of the Offer	27 December 2023 (5:00pm AEDT)
Announcement of results of Offer	Before 12:00pm (AEDT) 4 January 2024
Lodge Appendix 2A for Securities issued under the Offer and issue Securities	4 January 2024 (no later than 12:00pm AEDT)
Quotation of Shares issued under the Offer	5 January 2024
Expected despatch of holding statements	8 January 2024

### GreenRock MOU signed



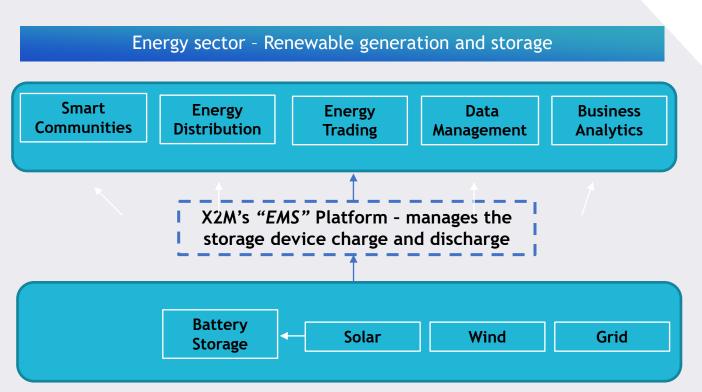
- Non-binding memorandum of understanding (MOU) with GreenRock Energy Co., Ltd
- Taiwan company with 900MW of renewables under management
- A collaboration to develop an energy management system (EMS) solution business
- GreenRock acquires a scalable EMS platform from X2M
- GreenRock to be the battery owner for two Australian smart communities in progress
- Joint development of an EMS business in Australia, Taiwan, Japan and South Korea

The parties are actively discussing final agreements to give effect to the MOU and the Company will update the market as any of these are completed

### X2M's Energy Management System (EMS) platform for GreenRock



Leveraging X2M's communication and data aggregation capability



#### About GreenRock

GreenRock is a Taiwan company focused on large scale renewable energy infrastructure

- 300MW under development
- 900MW under management

# GreenRock and X2M Partnership

- Non-binding MOU executed
  - X2M to supply Energy Management System Platform for GreenRock's Taiwan operation
  - GreenRock and X2M to partner for GreenRock's expansion into Australia, Japan and South Korea

### Key take outs from FY23



- Another year of solid performance
- Cash burn reducing and a clear path to positive operating cashflows
- A technology solution that is resonating
- Customer base represents a large addressable market with penetration growing
- X2M platform is being adopted across the APAC region
- A management team delivering

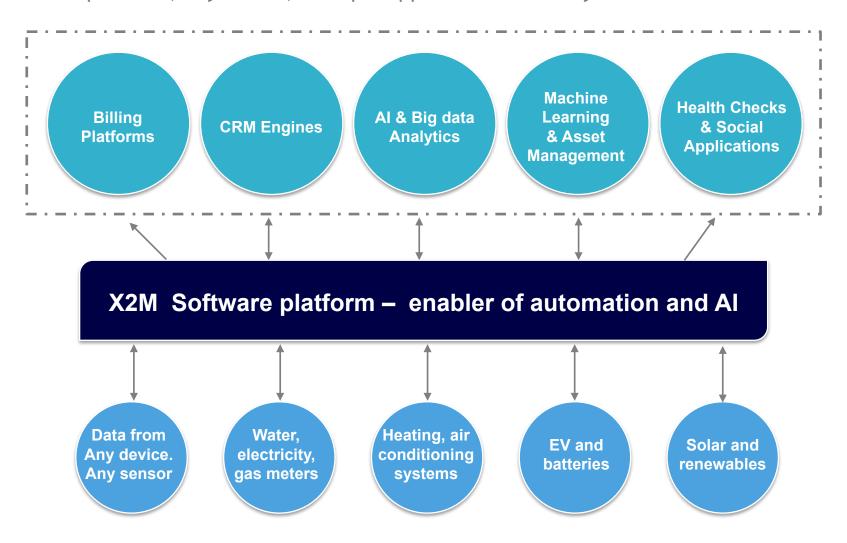
Stage is now set to transition to a significant global player in utility automation, data collection, artificial intelligence and machine learning



### The X2M - a data gatherer and controllers of devices & sensors



"One platform, any device, multiple applications and fully commercialised"



# X2M's patents set it apart >50 granted across 14 countries. Plays to the heart of the AI world





one platform.

More

applications,

richer data,



Communication over many networks-3G to 5G, NBIoT, LoRa and Ethernet. better use cases Future proofed technology. Greater communication

flexibility

**Networks** 



#### **Control**



Two-way communications to and from devices. Collects data and controls the end device



#### **Dumb & Smart**



Ability to retro fit legacy devices. Better capex profile for customers and ability to work in dumb and smart environments



#### **Flexibility**



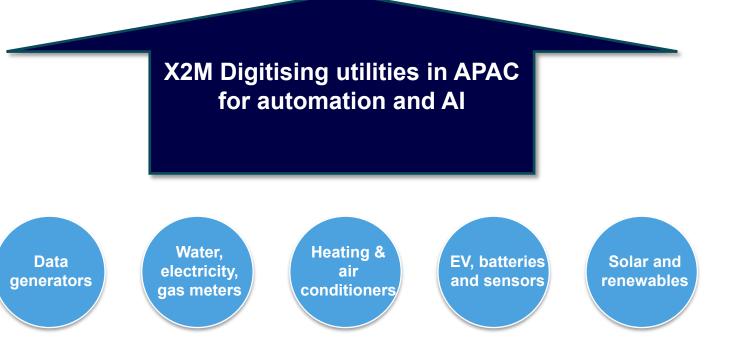
Cloud and edgebased capability. Greater communication flexibility and ability to function when power is lost

### Fully commercialised business - delivering proven use cases



Next wave of productivity improvement for enterprises and government

Water **Bottled** gas **Smart Water quality Energy & Water** digitisation & **logistics** management in communities in management in automation in management in China **Australia** Taiwan **South Korea** Japan



#### X2M's revenue model



# One off Charges

- Initial platform installation charge plus platform customisation fees
- Per new device connection fee or
- Per new device fee for X2M hardware

# Recurring charges

- Monthly SaaS fee for data delivered
- Monthly maintenance fee for support





mobile and desktop user interface



Two mandates: Echuca up to 1,000 homes. Yarrawonga up to 800 homes.



electricity market

to aggregator, Virtual Power

Plant (VPP) and retailer partners

### GreenRock partnership



- GreenRock and X2M have signed a non-binding MOU and are actively working to finalise the final agreements
- GreenRock is a player in renewable energy generation, storage and energy trading with 900MW under management
- Adds scale for X2M's Taiwan operation with X2M providing the Energy Management System solution for GreenRock's Taiwan operation
- X2M to be the ongoing SaaS platform manager on an annual renewal programme with an expected term of 10 to 15 years.
- GreenRock to partner with X2M to develop the Australian, Japanese and South Korean markets
- X2M is well advanced in rolling out its Smart Community product in Australia. GreenRock to be the battery financier for these projects

# Battery Energy Storage Systems (BESS) market in Taiwan reflects global trends



Taiwan has set a target of 20% (vs 8.3% now) renewable energy (Wind+Solar) generation by 2025.

Taiwan BESS Total Addressable Market<sup>1</sup>

2023: NT\$10b (A\$500m)

2026: NT\$20b (A\$1b)

2030: NT\$ 200b (A\$10b)

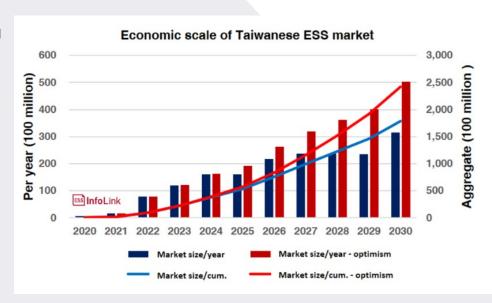
EMS software represents 2-3% of total

spending equating to

A\$15m in 2023

A\$30m in 2026

\$300m in 2030



GreenRock has 300MW in deployment which is approx. A\$285m of BESS and A\$8.5m of EMS

1. https://www.infolink-group.com/energy-article/Taiwan-could-hit-20-GWh-energy-storage-and-200-bn-economic-scaleby-2030

#### BESS typical use case

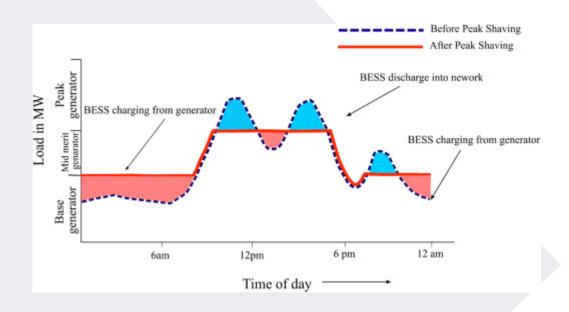


#### The charging period

During this period, the batteries of the energy storage unit store electricity from the grid or embedded renewables. The EMS intelligent software integrated within the energy storage system ensures that the batteries are charged during off-peak intervals or when excess energy is produced on-site through renewable sources such as solar.

#### The discharging period

In times of peak, the stored energy in an ESS is used. Battery Energy Storage Systems are especially effective because of the quick response time that they offer. With the help of the EMS intelligent control software, the battery discharges when grid prices rise or when local demand spikes.





## 1Q24 Trading update - key financial metrics on target



Solid revenue growth, improved margins, reduced costs and declining cash burn are highlights of the 1Q results



Revenue growth is on the back of a very strong 1H23

1. All FY24 financial results in this presentation are unaudited

# 1Q24 trading update - business KPI's



Drivers of future value









1. All FY24 financial results in this presentation are unaudited

# 1Q24 P&L at a glance<sup>2</sup> - revenues & margins up, costs down



(\$'m)	1Q24	1Q23	Change
Revenue	4.0	3.8	<b>7</b> %
Cost of Sales	(2.7)	(2.9)	-6%
Gross Profit	1.3	0.9	47%
Other income	0.1	0.4	-70%
Overheads <sup>1</sup>	(2.2)	(2.3)	-3%
Adjusted EBITDA <sup>1</sup>	(0.6)	(1.0)	-37%
Depreciation and Amortisation	(0.3)	(0.2)	60%
Other costs	(0.2)	(0.1)	>100%
Share-based Payments	(0.1)	(0.1)	<b>9</b> %
Loss after Income Tax	(1.2)	(1.3)	-7%

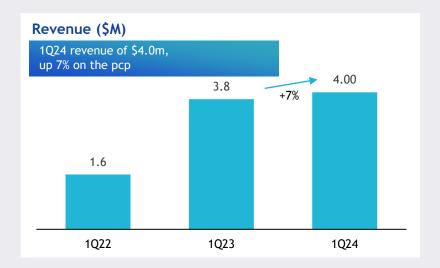
The company strategy is to secure enterprise customers and extend into their addressable market to drive high volumes of repeat sales

<sup>1.</sup> The balances are adjusted for non cash amounts and IPO expenses not expected to occur in the future

<sup>2.</sup> All financial figures are unaudited

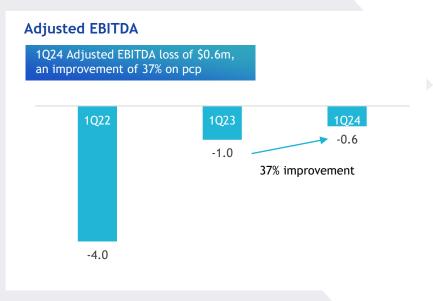
#### Financial trends





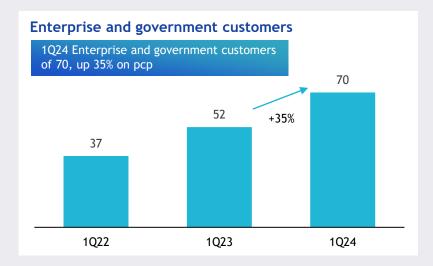


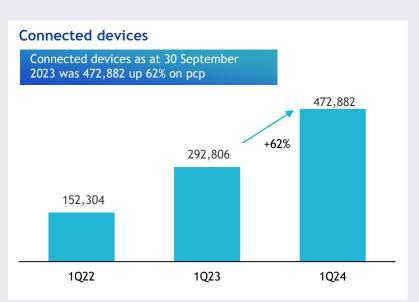


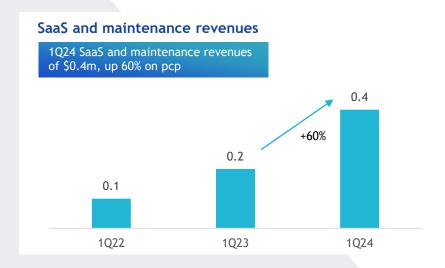


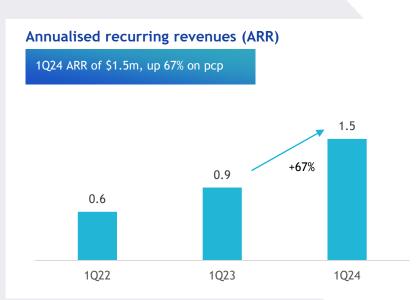
#### **Business metric trends**











### Operating cash burn a key financial metric



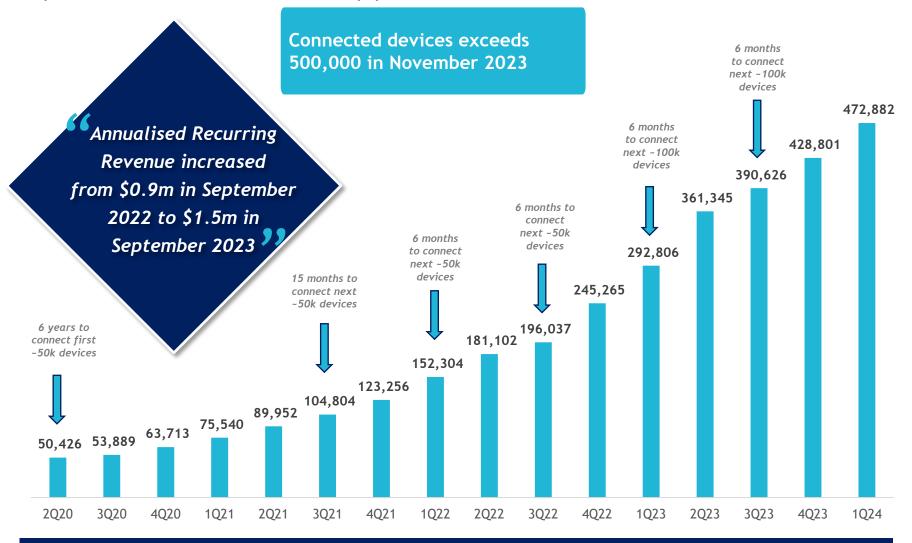
1Q24 delivered cash burn from operating activities of \$1.1 million compared with \$1.3 million in 1Q23. The improved performance was driven by a better gross margin and well controlled operating expenses. Chart below shows the improvements over the last three years.



### Historical momentum is good



Repeat orders from customers and pipeline conversion drive future SaaS revenues



Cumulative connected devices



## X2M's addressable market is large



Australia
26m people
9m households

Beijing, China 22m people 9m households

Japan 126m people 55m households

South Korea 52m people 22m households

Taiwan 24m people 9m households Addressable market in current geographies: 250 million people. 104m households

Addressable market across existing customers: >10m households<sup>1</sup> Revenue potential >\$500m

Annual recurring revenue potential across existing customers<sup>2</sup>:
Approximately \$40m per annum

>50% of customers placing repeat orders

- 1. Assumes customer installs X2M current bundled services to all its households
- 2. Assumes customer installs X2M SaaS services to all its households

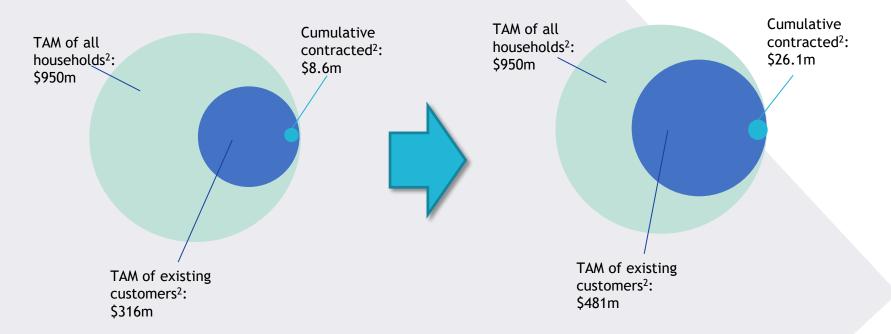
# X2M is diligently penetrating its customer base - South Korea example



Total addressable market and share of TAM increasing as X2M gets embedded into customer eco systems generating follow-on orders

**SOUTH KOREA MARKET - SEP 2021** 

#### **SOUTH KOREA MARKET - JUN 2023**



Over the last twenty one months, in South Korea, the TAM of X2M's existing customers has increased from \$A316 million to \$A481 million. This represents an increase from 33% to 51% of the total South Korean country market. Contracting of the customers' TAM, on average, has increased from 2.7% to 5.4%.

Despite strong growth, overall penetration of customers TAM is low and augers well for future growth

<sup>1.</sup> Data as at 30 June 2023.

<sup>2.</sup> South Korea total addressable market (TAM) and contracted values are based on Year 1 bundled revenues of A\$120 per device.

### FY24 targets



> 20% Revenue growth



> 60% growth in annualised recurring revenues



> 50% growth in gross profit



Operating costs flat and cash burn halved



>50% growth in connected devices



## New markets being progressed/considered



Energy management system solutions



Australia - Smart communities and smart agriculture



Middle East - Gas distribution and management



India - gas and energy management





#### Board and senior management team





Hon. Alan Stockdale AO Non-Executive Chair

- Currently Emeritus Counsel of Medical Research Commercialisation Fund and Chairman Knosys Limited (KNO.ASX)
- Previously treasurer of Victoria, as well as Investment banking at Macquarie



Keith Jelley

- 9 years in the X2M business
- 40 years of development and operations experience across 9 countries in military, telecommunications and embedded systems industries



Mohan Jesudason CEO and Managing Director

- 10 years leading the X2M business
- Previously Managing Director Gaming at TABCORP, led Telecom NZ mobiles business and grew AXA/AMP to leading positions in the market



Yongsun Kim MD Korea

 Previously CEO of Kathrein Korea and Country Manager of NextWindow



**Damien Johnston** Non-Executive Director

- Formerly CFO of Tabcorp
- · Held several senior finance roles at BHP
- Fellow of CPA Australia and a Member of the Australian Institute of Company Directors



Steve Fang MD Greater China

• 20 years of experience with Splunk, VMWare, Huawei, Delta Electronica and Ericsson



John Stewart Non-Executive Director

- Extensive Investment banking experience at Gresham, Lazard & JP Morgan
- · Founder and Managing director at Health&
- Bachelor of Laws (Honors), Bachelor of Commerce from the University of Melbourne

## Summary - X2M a compelling investment proposition





## Significant and growing addressable market

Existing customer base provides an immediate addressable market to harvest within utility digitisation and energy management in APAC.



#### Attractive business model

Comprising upfront fees and recurring subscription revenues. Highly scalable with modest cost growth. New markets to drive SaaS and recurring revenues. Customer mandates are long and sticky



## Leading edge technology

A proprietary platform secured with a strong patent portfolio across 15 countries. Limited competition



#### Proven performance

X2M's management team is delivering consistent performance and are shareholders in the Company. Board is well experienced and independent

