# ACORN CAPITAL

# NextGen Resources Fund

October 2020













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# Why Acorn & the NextGen Resources Fund?



## Resources are part of Acorn Capital's DNA

Founder was formerly a resources analyst & mining executive

## Why the NextGen Resources Fund?

- In-bound demand for a specialist fund in Resources
  - Sector requires strong technical and financial analysis
  - Sector is very inefficient but difficult to invest in
  - 20 years of sector learnings & institutional memory
  - Unmatched industry IP & data

## Experienced Resources team



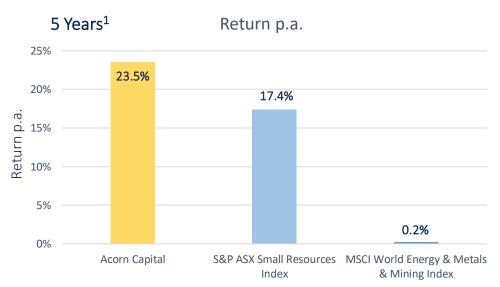
Rick Squire PORTFOLIO MANAGER Years at Acorn: 4 Years in industry: 9



Karina Bader **ANALYST** Years at Acorn: 10 Years in industry: 10

#### Acorn's track record in Resources

Acorn Capital's Resources portfolio<sup>1</sup> has a strong record versus the relevant indices<sup>2</sup>



#### Since inception (April 2002)<sup>1</sup> Return p.a.



## The Resources Supercycle





Urbanisation of China & the resources supercycle

- China's urbanisation rate has increased from 18% to 58.5% since 1980<sup>2</sup>
- The resultant construction boom drove the 'Resources Supercycle'
- Urbanisation is forecast to continue in China, but at a slower rate

## Impact on bulk commodities

- Transition from Urban Growth to Urban Consolidation will result in lower growth rates =
   easing demand for bulk commodities (iron ore and coking coal)
- Urban Consolidation will fuel demand for a different mix of commodities compared to the last Resources Supercycle





# 1900

## The electric vehicle (EV) boom

- Growing public awareness of climate-change risks (Greta Thunberg)
- Mandatory government policies on emission standards (e.g., ban on new petrol, diesel & hybrid cars in London from 2035)
- At least 30 new EV models scheduled for release in 2020 in Europe & US alone
- Tesla's upstream move in lithium: building a lithium refinery in Texas
   & developing lithium-clay project in Nevada

Rapidly approaching wave of demand for EV metals, such as lithium, nickel, the rare earth elements and copper

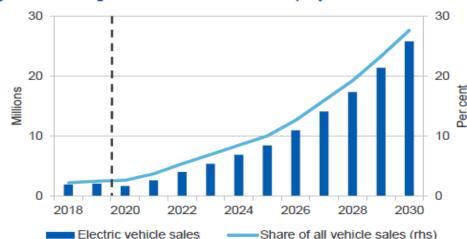


Figure 15.3: Long-term electric vehicle sales projection

Source: International Energy Agency (2019); BloombergNEF (2020); Department of Industry, Science, Energy and Resources (2020)



## Gold – a perfect storm!

- Gold prices near all-time highs
  - USD gold
  - AUD gold
- Downward pressure on cost base
  - Low oil prices
  - Low wage pressure (rising unemployment)
- Ongoing global uncertainty
  - o COVID-19
  - o Ballooning government debt
  - Recession fears
  - US-China & US-Iran tensions
  - US election



## Gold (AUD\$/oz)





## Agricultural products (e.g., potash)

- Improved diets in developing countries = more fruit vegetables & tree nuts
- High-value crops require chlorine-free potash fertilizer
- · Rising demand for specialty fertilisers (e.g., sulfate of potash (SOP))

#### Specialty metals & minerals

- Advanced technologies require high-purity metals & minerals
  - Halloysite nanotubes
  - High-purity quartz semi-conductors

## Energy

- Oil prices recently collapsed but could rebound quickly (nb. coincident collapse in US oil production)
- Uranium spot prices are slowly rising in response to supply restrictions





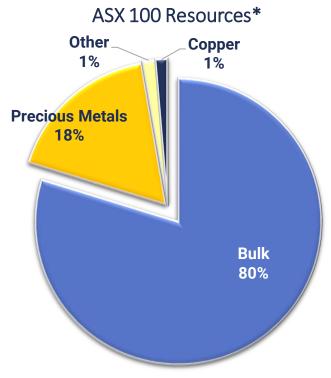




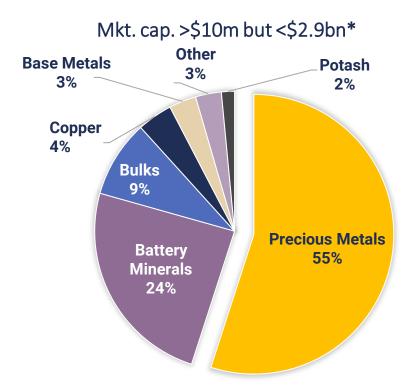




Resources companies outside the ASX top-100\* are commodity diversified compared to ASX top-100



Commodity Type	No. of Companies (10)
Bulks	5
Gold	3
EV Metals	0
Copper	1
Base Metals#	0
Potash	0
Other	1



Commodity Type	No. of Companies (299)
Bulks	33
Gold	113
EV Metals	72
Copper	25
Base Metals#	21
Potash	11
Other	24

# **Investment Process**

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## Acorn Capital's Resources database:

>1,300 companies

>6,700 resources

	Database Update	Quantitative Screen	Ranking Analysis	Company Review	Portfolio Construction
Producers ~400 Companies	Additional - Mine life - Production profile - Exploration potential - Cost profile - Earnings profile	Financial & geological data: - Mine life - Production profile - Cost profile - Country risk - Earnings - In Situ Value	Additional - Dividend yield - Net debt	Additional - Brown fields potential - Greenfields potential - Compare actual vs projected performance	Proceed to portfolio construction: - Quarterly review actual vs guidance
<b>Developers</b> ~400 Companies	Additional - Defined resource - Engineering studies - Potential mine life	Projected financial & geological data: - Proposed Mine life - Projected production - Projected cost profile - Country risk - Earnings potential - In Situ Value	Ranking analysis: - Commodity type - Earnings potential - In Situ Value - Country - Development stage	Additional - Permitting risks - Projected financials - Core review - Metallurgical review	- Site visits - Investment case summary - Financial models (upside/downside price) - Management meetings - Capital requirements - Environmental Social & Governance (ESG) inputs
Explorers ~500 Companies		Review: - Cash vs Market Cap - Drill hole data - Geology & location - Deposit style - Potential size & scale - Management		Detailed assessment: - Project site visit - Management review - Sovereign risk - Activity risk - Ownership structure - Capital requirements	

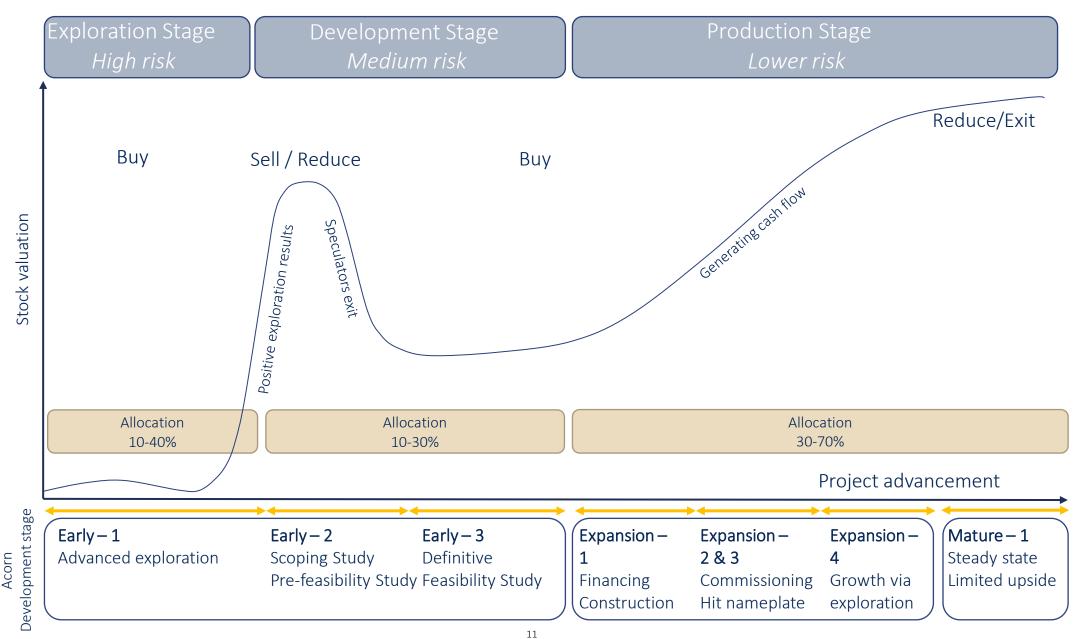
Quantitative

Qualitative ———

# Investment strategy – Project Development Stages



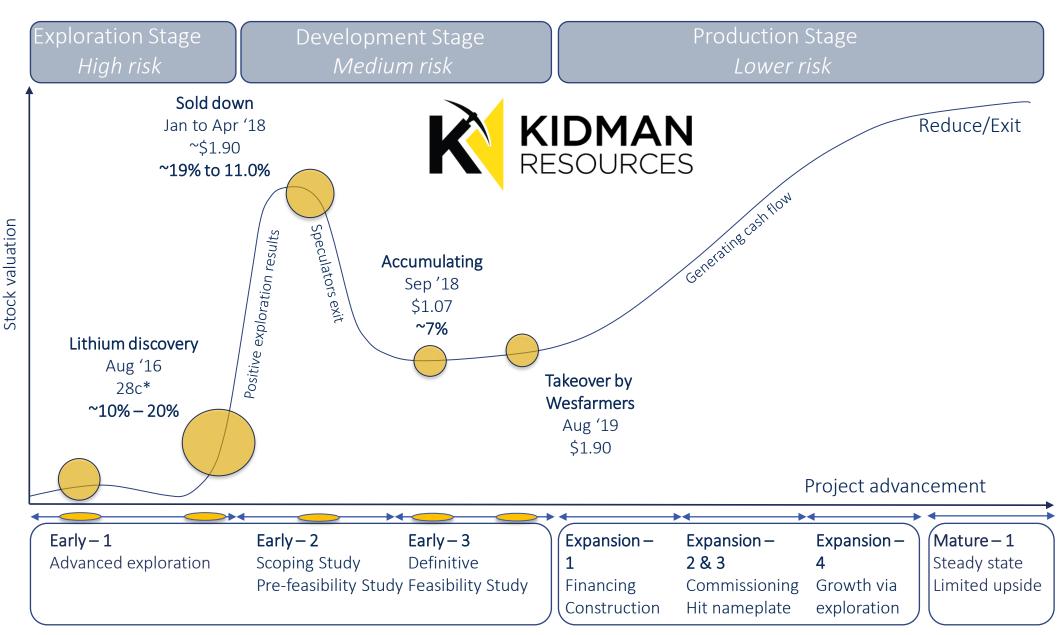
Lassonde Curve – value cycle from exploration to mining



# Case Studies – Explorer to Developer



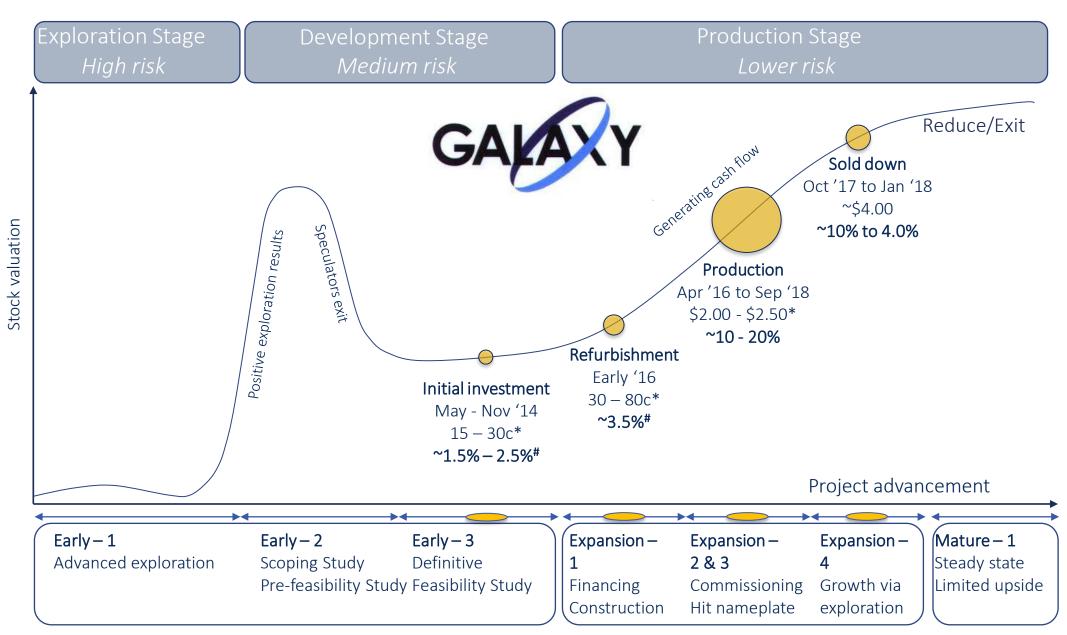
Lassonde Curve – value cycle from exploration to mining



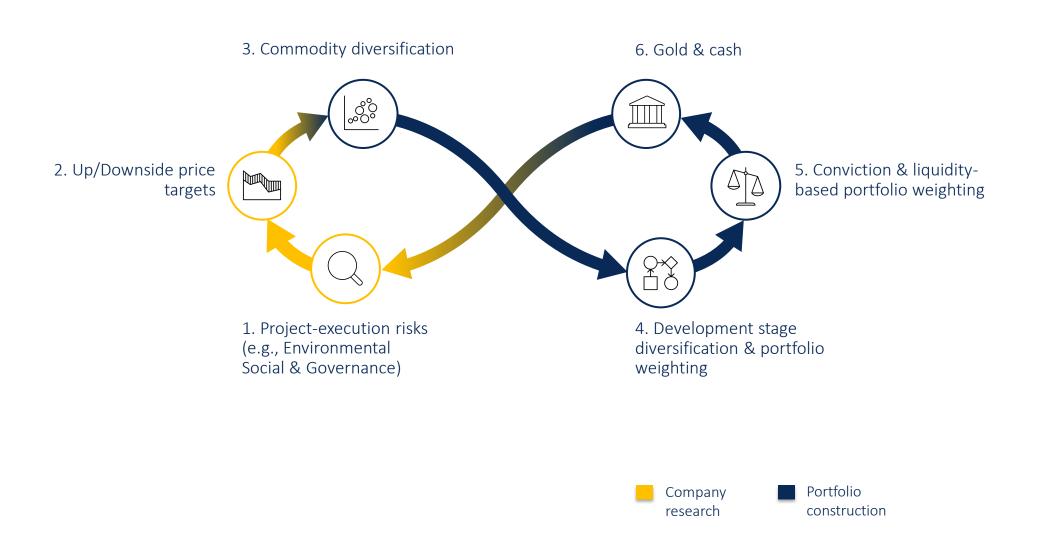
# Case Studies – Developer to Producer



Lassonde Curve – value cycle from exploration to mining







# Initial Portfolio composition<sup>1</sup>







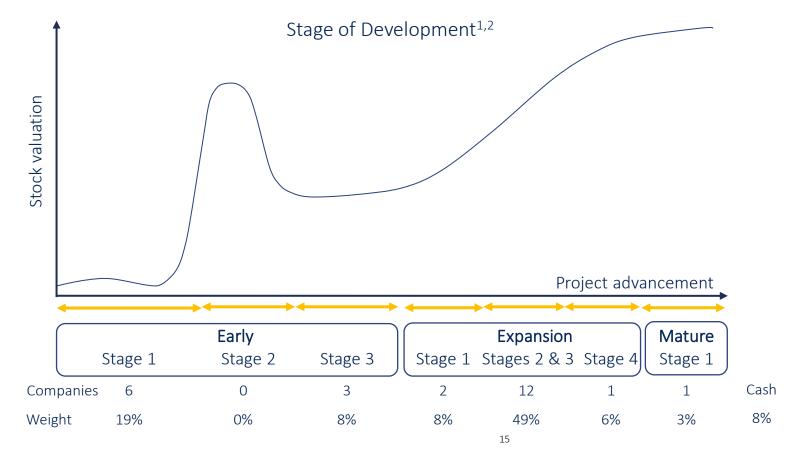












# Performance & Fund Summary

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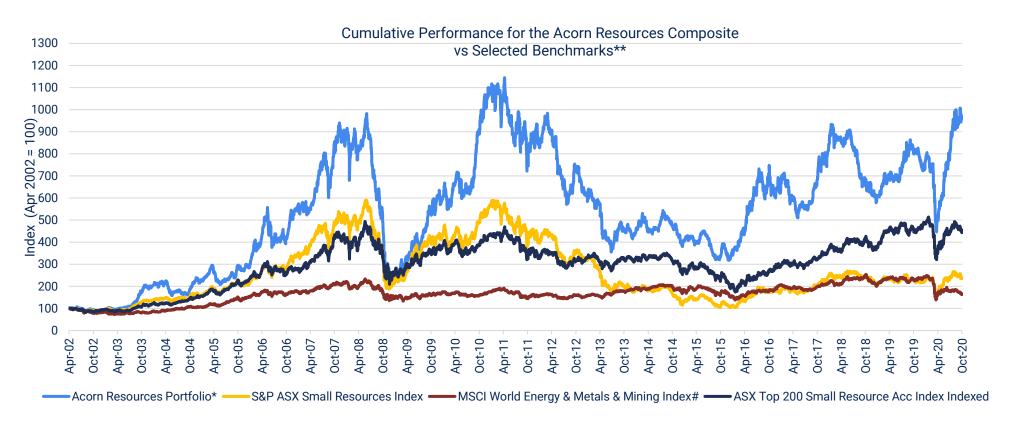




## Acorn Resources Portfolio Performance<sup>1</sup>



Performance <sup>1</sup>	1 Month	3 Months	6 Months	12 Months	3 Years	5 Years	Since
					p.a.	p.a.	Inception
							p.a.
Acorn Resources Portfolio	1.2%	22.1%	92.1%	16.1%	12.2%	23.5%	13.0%
S&P ASX Small Resources Index	-4.8%	0.9%	38.5%	2.4%	5.8%	17.4%	4.8%
MSCI World Energy & Metals & Mining Index	-6.5%	-9.0%	-0.9%	-30.1%	-6.3%	0.2%	2.7%
ASX Top 200 Small Resource Acc Index	-5.3%	-0.4%	27.0%	-3.9%	11.4%	14.3%	8.4%





## Summary of features

Туре	Unregistered Unit Trust		
Objective	Exceed the returns of the benchmark over rolling 3-year periods		
Benchmark	S&P ASX Small Resources Accumulation index		
Investment universe	Australian equities $^{1,2,3}$ Up to 100% Global equities $^4$ 0% - 10% Unlisted investments $^{5,6}$ 0% - 15% Cash 0% - 20%		
Stock#	25 – 40		
Liquidity	Daily		
Investment timeframe	3 - 5 years		
Distributions	Annually		
Capacity	\$50m (soft)		
Management fee	1.10% <sup>7</sup>		
Performance fee	20% of returns in excess of the benchmark <sup>8,9,10</sup>		

Market capitalisation	Minimum market cap. of A\$10m at time of purchase Must be ex-ASX100 at time of purchase			
Lifecycle stage risk guidelines	Seed / start up Early 1 <sup>st</sup> stage Early 2 <sup>nd</sup> & 3 <sup>rd</sup> stage Expansion & Mature 1 <sup>st</sup> stage Mature 2 <sup>nd</sup> stage	0% - 10% 10% - 40% 10% - 20% 30% - 70% 0%		
Borrowing	The fund is permitted to borrow up to 5% of NAV to apply to redemptions Borrowings may not be used to leverage or gear the fund			
Shorting	The fund is long only The fund is not permitted to short sell securities			
Trustee	Acorn Capital Ltd.			

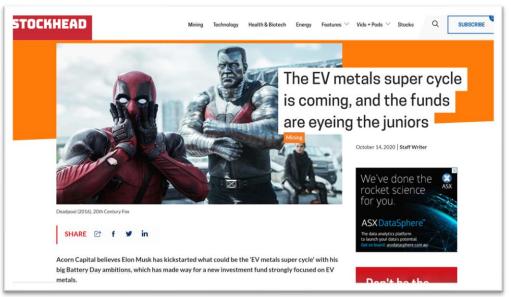
- $1. \ Outside the ASX100 \ at time of purchase. \ Up to 20\% of fund's net assets can be held in Australian companies that subsequently grow into ASX100. Positions in ASX100 companies must be sold within 18 months of entering the index and the function of the companies of the function of the companies of the function of the function$
- 2. Gold companies may comprise up to 60% of net assets
- 3. No further purchases can be made in any company that exceeds 10% of the fund's net assets
- 4. Global equities will only be included where gaps occur in the Australian market (e.g., quality silver & copper producers/explorers). Focus will be on TSX-listed stocks
- 5. Positions will only be taken in Australian unlisted companies where a liquidity event (e.g., IPO, trade sale) is likely within 6-12 months
- 6. Unlisted securities may include equity and convertible notes
- 7. Exclusive of expense recoveries of 15bp (excludes deal related legal fees and deal transaction costs)
- 8. Subject to prior High-Water Mark (HWM) being exceeded (no HWM resets allowed)
- 9. Calculated after management costs and expense recoverables have been deducted
- 10. Calculated daily and paid quarterly

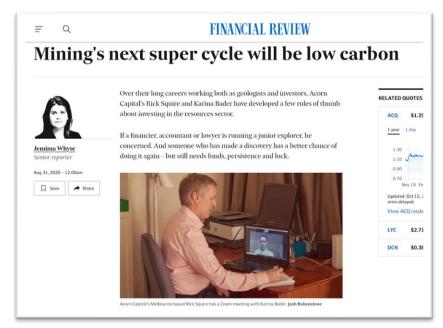
## In the Press



Rick and Karina have been featured in the Australian Financial Review and in online publications talking about the recently launched NextGen Resources Fund.









# **Appendices**

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## Acorn Capital



## The business

- Established in 1998
  - Pioneered microcap or emerging company investing in Australia
  - Australia's longest running microcap fund manager
- 50% owned by staff & directors, 50% owned by Australian
  - Aligned and incentivised management
  - Corporate backed
- Microcap / Emerging Companies specialist:
  - Emerging Companies (mandates, ASX:ACQ)
  - Emerging Companies (unlisted companies)
- Experience/capabilities

## Our people



Robert Routley PORTFOLIO MANAGER & Years at Acorn: 13 Years in industry: 22



Rick Squire PORTFOLIO MANAGER Years at Acorn: 4 Years in industry: 9



Paul Palumbo PORTFOLIO MANAGER & HEAD OF PORTFOLIO IMPLEMENTATION Years at Acorn: 13 Years in industry: 15



Karina Bader ANALYST Years at Acorn: 10

Years in industry: 10



Robert Bruce PORTFOLIO MANAGER & HEAD OF RESEARCH Years at Acorn: 6 Years in industry: 23



Matthew Sheehan INVESTMENT DIRECTOR



James Douglas INVESTMENT DIRECTOR



Brian Gan ANALYST Years at Acorn: 5

Years in industry: 5

Years at Acorn: 11

Years in industry: 15



Ben Dalling PORTFOLIO MANAGER Years at Acorn: 6 Years in industry: 22



Xing Zhang ANLAYST Years at Acorn: 7

Years in industry: 14'

## Team Biographies



## Robert Routley

Robert Routley is Acorn Capital's Chief Executive Officer and is responsible for the strategic direction and management of the Company, as well as product management responsibilities for private/unlisted investments undertaken by Acorn Capital. Rob joined Acorn Capital in 2007. Rob commenced his career with PwC and prior to joining Acorn Capital held investment management roles with Colonial First State Private Equity and Baron Corporation. Rob holds a Bachelor of Commerce and Master of Business Administration from the University of Melbourne.

#### Paul Palumbo

Paul Palumbo is a Portfolio Manager and Head of Portfolio Implementation with responsibility for the Healthcare and Biotechnology sectors, undertaking fundamental research of companies within those sectors and selecting stocks for inclusion in client portfolios, as well as portfolio dealing and construction in which he manages relations with market counterparties, transacts on clients' behalf and conducts portfolio data analysis and construction. Paul joined Acorn Capital in 2007. Paul began his career at PwC and IBM Business Consulting. Paul holds a bachelor of Business Information Systems and a Graduate Diploma in Applied Finance and Investment.

## Rick Squire

Rick Squire is a Portfolio Manager for the Energy and Materials — Resources sectors. He is a geologist with over 25 years of experience in the resources industry, including 9 years in mining finance and investment. Rick joined Acorn Capital 4 years ago after working at Deutsche Bank and TrailStone Group. Prior to this, Rick was a Research Fellow at The University of Melbourne and Monash University where he held industry-supported positions investigating the genesis of world-class gold and base-metal deposits. Rick holds a Bachelor of Science (Hons) from Monash University and a PhD (Geology) from The University of Tasmania.

#### Karina Bader

Karina Bader is the Analyst conducting the fundamental investment research on companies & selecting investments for client portfolios in the Resources and Energy sectors. Karina joined Acorn Capital in 2009. A geologist by training, Karina's career began over 25 years ago as a project geologist with resources companies and consultants primarily in gold exploration. Karina holds a Bachelor of Science (Hons) from Monash University and a Master of Business Administration (Tech Mgt) from Deakin University.

# Team Biographies



#### Matthew Sheehan

Matthew Sheehan is an Investment Director, responsible for the origination, assessment and ongoing management of private investments, with a particular focus on the structuring and documentation of unlisted investments. He is also the Legal Counsel and Company Secretary of both Acorn Capital and ACQ. Matt began his career as a private practise lawyer and worked at firms in Melbourne, New York and London. Prior to joining Acorn Capital in 2009, Matt worked at Macquarie Group as the General Counsel and Company Secretary of various listed and unlisted infrastructure funds. Matt holds a Bachelor of Economics (Hons) from Monash University, as well as a Bachelor of Laws (Hons) and Masters of Applied Finance from the University of Melbourne.

#### Brian Gan

Brian Gan is an Analyst who assists the Portfolio Managers in the undertaking of fundamental investment research on companies within their sectors. Brian joined Acorn Capital in 2015 following the completion of his Masters of Finance from the University of Melbourne.

## Xing Zhang

Xing Zhang is a Fund Manager who is responsible for the Female Leaders Fund. She works alongside the Head of Private Markets, the Investment Directors and the Portfolio Managers to assess, value and manage private investment opportunities. Xing began her career in investment banking with Macquarie Capital in Hong Kong and later moved to London and New York. She has also worked at River Capital, where she was the Investment Analyst and responsible for reviewing a listed equities portfolio. Xing holds a Bachelor of Engineering (Hons) and a Bachelor of Commerce from the University of Melbourne, as well as a Graduate Certificate of Entrepreneurship and Innovation from Swinburne University.

## James Douglas

James Douglas is an Investment Director with responsibility for the origination, execution and monitoring of Acorn Capital's private investments. Following a 16-year investment banking career in Australia and the United States, including senior leadership roles at UBS, Merrill Lynch and Citibank, James founded Newmarket Capital, which focuses on investments in Australian hardware and physical technology companies. James is the Chairman of Carbon Revolution, a Geelong-based carbon fibre wheel manufacturer and Quickstep Holdings an ASX-listed aerospace advanced composite manufacturer. James holds a Bachelor of Science and Bachelor of Laws from the University of Melbourne.

#### **Robert Bruce**

Robert Bruce is Head of Research and Portfolio Manager for the Consumer Discretionary, Consumer Staples and Information Technology sectors, undertaking fundamental investment research on companies within those sectors and selecting stocks for inclusion in client portfolios. Rob joined Acorn Capital in June 2014 from CLSA where he spent 13 years in equity research. He also previously held research roles at UBS Warburg, Kaplan Funds Management and Westpac Institutional Bank.

## Ben Dalling

Ben Dalling is a Portfolio Manager/Analyst with responsibility for the Industrials, Financials and Utilities sectors, undertaking fundamental investment research on companies within those sectors and selecting stocks for inclusion in client portfolios. Ben joined Acorn Capital in 2014. Prior to joining Acorn Capital Ben worked for 20 years as a sell side analyst, most recently with Citigroup where he was the Head of Small Cap research. Ben holds a Bachelor of Economics (Hons) from LaTrobe University and a Master of Commerce from the University of Melbourne.

# Thank you

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