

February 29, 2016

# Disclaimer



This presentation and its enclosures and appendices (jointly referred to as the "Presentation") has been produced by Asetek A/S (the "Company") and has been furnished to a limited audience (the "Recipient[s]") on a confidential basis in connection with a potential securities issue by the Company. The content of this Presentation is not to be construed as legal, business, investment or tax advice, and has not been reviewed by any regulatory authority. Each Recipient should consult with its own legal, business, investment and tax adviser as to legal, business, investment and tax advice. The information cannot stand alone but must be seen in conjunction with the oral presentation and are expressed only as of the date hereof.

The Presentation may include certain statements, estimates and projections with respect to the business of the Company and its anticipated performance, the market and the competitors. However, no representations or warranties, expressed or implied, are made by the Company, its advisors or any of their respective group companies or such person's officers or employees as to the accuracy or completeness of the information contained herein and such statements or estimates, no reliance should be placed on any information, including projections, estimates, targets and opinions contained herein, and no liability whatsoever is accepted by the Company as to any errors, omissions or misstatements contained herein. The information contained herein is subject to change, completion, or amendment without notice and the Company does not assume any obligation to update or correct the information included in this Presentation. Neither the delivery of this presentation nor any further discussions by the Company or any if its advisors with any of the Recipients shall, under any circumstances, create any implication that there has been no change in the affairs of the Company since the date of the Presentation.

This presentation may contain certain forward-looking statements relating to the business, financial performance and results of the Company and/or the industry in which it operates. Forward-looking statements concern future circumstances and results and other statements that are not historical facts, sometimes identified by the words "believes", expects", "predicts", "projects", "projects", "plans", "estimates", "direcsees", "anticipates", "targets", "will", "should", "may", "continue" and similar expressions. Forward-looking statements include statements regarding: objectives, goals, strategies, outlook and growth prospects; future plans, events or performance and potential for future growth; liquidity, capital resources and capital expenditures; profit; margin, return on capital, cost or dividend targets; economic outlook and industry trends; developments of the Company's markets; the impact of regulatory initiatives; and the strength of the Company's competitors. The forward-looking statements contained in this presentation, including assumptions, opinions and views of the Company, are based upon various assumptions, many of which are based, in turn, upon further assumptions, including without limitation, management's examination of historical operating trends, data contained in the Company's records and other data available from third party sources. Although the Company believes that these assumptions were reasonable when made, the statements provided in this presentation are solely opinions and forecasts which are difficult or impossible to predict and are beyond its control. A multitude of factors can cause actual results to differ significantly from any anticipated development expressed or implied in this document. No representation is made that any of these forward-looking statements or forecasts will come to pass or that any forecast result will be achieved and you are cautioned not to place any undue reliance on any forward-looking statement. he distribution of this Presentation and the Offering, subs

In relation to the United States and U.S. persons, this Presentation is strictly confidential and is being furnished solely in reliance on applicable exemptions from the registration requirements under the U.S. Securities Act of 1933, as amended. The shares of the Company have not and will not be registered under the U.S. Securities Act or any state securities laws, and may not be offered or sold within the United States, or to or for the account or benefit of U.S. persons, unless an exemption from the registration requirements of the U.S. Securities Act is available. Accordingly, any offer or sale of shares in the Company will only be offered or sold (i) within the United States, or to or for the account or benefit of U.S. persons, only to qualified institutional buyers ("QIBS") in private placement transactions not involving a public offering and (ii) outside the United States in offshore transactions in accordance with Regulation S. Any purchaser of shares in the United States, or to or for the account of U.S. persons, will be deemed to have made certain representations and acknowledgements, including without limitation that the purchaser is a QIB. This Presentation and its contents are confidential and its distribution (which term shall include any form of communication) is restricted pursuant to section 21 (restrictions on financial promotion) of the Financial Services and Markets Act 2000 (as amended). In relation to the United Kingdom, this Presentation is only directed at, and may only be distributed to, persons who fall within the meaning of article 19 (investment professionals) and 49 (high net worth companies, unincorporated associations, etc.) of the Financial Services and Markets Act 2000 (financial promotion) Order 2001 (as amended) or who are persons to whom the document may otherwise lawfully be distributed. This Presentation may only be distributed in circumstances which do not result in an offer to the public in the United Kingdom within the meaning of the Public Offers of Securities Regulatio

The contents of this Presentation shall not be construed as legal, business or tax advice. Each reader of this Presentation should consult its own legal, business or tax advisor as to legal, business or tax advice. If you are in doubt about the contents of this Presentation, you should consult your stockbroker, bank manager, lawyer, accountant or other professional adviser.

This Presentation is subject to Danish law, and any dispute arising in respect of this Presentation is subject to the exclusive jurisdiction of the Danish courts.

# Capital Markets Update (CMU) Agenda



## 29 February 2016, Felix Conference Centre, Oslo, Norway

10:00	Welcome
10:05 - 11:20	Turning a niche business into a mainstream computer hardware provider CEO André Sloth Eriksen
10:20 - 11:00	The thermal management market and adoption of Asetek's solutions  VP Worldwide sales and marketing John Hamill
Break	
11:10 - 11:30	Creating value CFO Peter Dam Madsen
11:30 – 11:45	Wrap-up



# **ASETEK.OL** in brief



Listed on Oslo Børs OSE4520 Technology Hardware & Equipment

Business Provider of liquid cooling systems for workstations, gaming and high

performance PCs, servers and data centers

Market cap USD 57 million / NOK 486 \* million

FY'15 sales USD 36 million / NOK \* 306 million

FY'15 operating profit Company total USD (2) million – turned profitable in Q3 and Q4 2015

Desktop PC segment USD 7 million (EBITDA)

Data center segment USD (6) million (EBITDA)

\* 1 USD = NOK 8.50





CEO André S. Eriksen

# The computer cooling market opportunity



- Computer hardware increasingly powerful
- Social Media, Virtualization, Research,
   Simulations, Smartphones, Tablets etc. all call for more power
- Servers and data centers have become denser ie more hardware in less space
- Roughly 2% of the world's power is consumed by data centers and the same amount of heat is wasted
- Today's state of the art is air cooling because it is simple, because it used to be sufficient and because nobody used to care about power and environment

- More efficient cooling solutions are needed
- Direct To Chip Liquid cooling is more efficient, green and at the same time it can recycle waste heat



# Asetek today



IP platform

**Business segments** 

Market

FY'15 financials

**Applications** 

Technology Systems Products

**Patents** 

High Volume manufacturing

WW hub infrastucture

Desktop PC

Desktop PC

Data center

- Do It Yourself
- Gaming
- Workstations

95% of revenue \$7m of EBIDTA\*

Server racks

Servers

5% of revenue (\$6m) of EBIDTA



# Turning a niche business into a mainstream computer hardware provider

#### **Tech development**

#### Venture and growth

#### **IPO** and expansion

#### **Next level**

#### 2000-2005

#### 2006-2011

2012-2015

2016-

- Enters mainstream market
- Technology development
- IP development
- Seed financing

- OEM and ecosystsme partnerships firming up
- Series A financing: KT Venture Group Northzone Ventures, Vaekstfonden
- Focus on OEM/ODM solutions
- Hiring a complete executive management team and thermal specialists

- Further OEM onboarding
- First data center installations
- Adding growth capital
- OEM onboarding
- IPO and OSE listing
- Data center strategy commences
- Surpasses 1 and 2 Million Shipped Units Milestone

- Preparing for the next level
- Working with existing OEMs
- Working to add additional OEMs

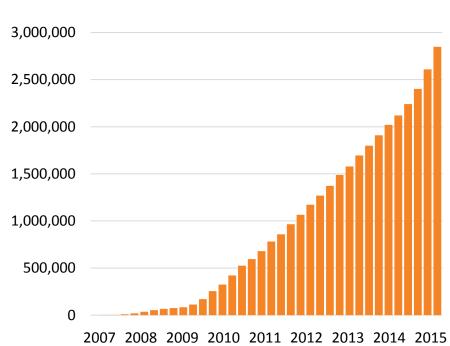


# Volume development



# **Deployed units** Units Per year 800,000 700,000 600,000 500,000 400,000 300,000 200,000 100,000 0 2009 2010 2011 2012 2013 2014 2015

## **Cumulative quarterly total 2007-2015**





# Technology adoption and products drive growth









The Hydro Series H115i is an extreme performance, factory sealed, all-in-one liquid CPU cooler for cases with 280mm radiator mounts.

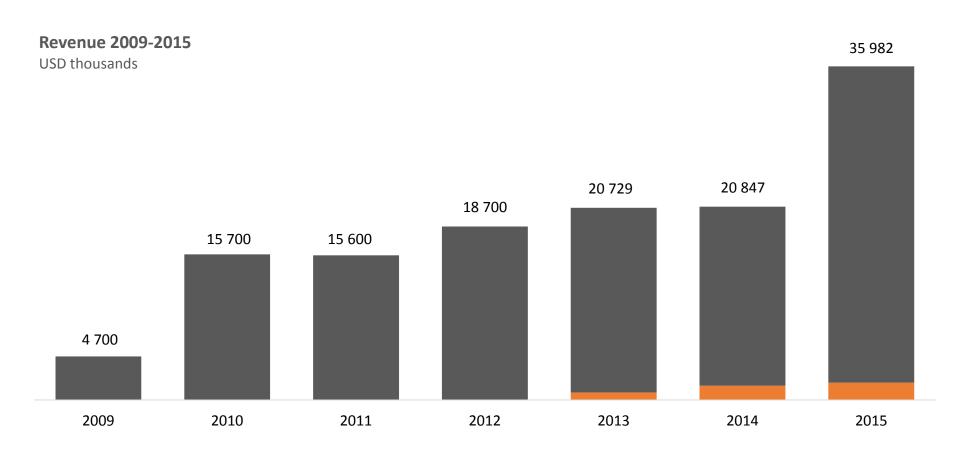


Cool-Central Liquid Cooling is a "free cooling" solution, captures 60-80% of server heat, reducing data center cooling cost by >50%, allowing 2.5x-5x increases in data center server density.



# Sales development







Desktop PC segment

Data center segment

# IP portfolio with patents and pending patent and utility model applications worldwide



#### Overview of patents and patent applications globally

119

#### Patents:

- Cooling System, Condensate Cooling (19Apr 2011)
- CPU Cooling by Water I (5 July 2011)
- CPU Cooling by Water II (21 Aug 2012)
- Graphical Card Thermal Interposer (25 Sep 2012)
- Liquid Cooling System for an Electronic System (7 Jan 2013)
- Graphical Card Thermal Interposer (17 Jun 2014)
- Integrated Liquid Cooling System (notebook) (22 Jan 2013)
- Server Rack Closed Loop Liquid Cooling System (13 May 2014)
- Server Rack Closed Loop Liquid Cooling System (10 Jun 2014)
- Server Rack Closed Loop Liquid Cooling System (10 Jul 2014)
- Server Distribution Cooling Unit (23 Apr 2014)

#### Applications:

- Direct Air Contact Liquid Cooling System Heat Exchanger Assembly
- Liquid Cooling System Cold Plate Assembly
- Cooling System for a Server
- Fluid Connector for a Cooling System
- Server Memory Cooling Apparatus
- Thermal Management System
- Leak Detection System

Germany & EU

#### Patents:

- Computer Cooling System, Compressor Cooling (Germany, 31 Mar 2010)
- Cooling System, Condensate Cooling (Germany, 3 Apr 2008)
- Utility Model, CPU Cooling by Water (Germany, 5 Nov 2009)
- CPU Cooling by Water I (EU, 5 July 2014)

#### Applications:

- CPU Cooling by Water II
- Graphical Card Thermal Interposer
- Integrated Liquid Cooling System (notebook)
- Server Rack Closed Loop Liquid Cooling System
- Liquid Cooling System for an Electronic System
- Cooling System for a Server

#### China & Hong Kong

#### Patents:

- CPU Cooling by Water II (5 Dec 2012)
- Cooling System, Condensate Cooling (19Apr 2011)

#### Applications:

- Liquid cooling System for a computer
- Cooling System for a Server

Strengthened IP platform and competitiveness via several positive lawsuit outcomes during 2015



# Operational footprint adapted to value drivers







Total head count YE 2015: 71

# Asetek's strategy



IP platform

Business segments

Strategy

### **Applications**

Technology Systems Products

Patents US

EU/ Germany China/Hong Kong Desktop PC

- Continue to dominate DIY and OEM markets
- Increase attach on GPUs

Data center

- Increase end-user adoption within existing OEM customers
- Add new OEM customers





VP Worldwide sales John Hamill

# A bottom-up look at both the desktop and data center markets



Segment

#### **Products**

Asetek's customers

**End-users** 

Desktop



Enhanced performance | Reduced noise Reliable components











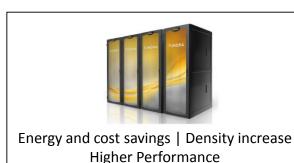


Do-It-Yourself

Gaming/High Performance PCs

Workstation

Data center















Sandia National Laboratories

University of Tromsø

Mississippi State University

And more...



# The desktop market



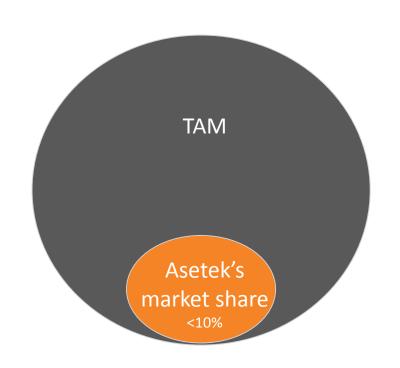
#### Market drivers

 Demand for High Performance/Gaming PCs and Workstations continues to thrive despite the challenges facing the overall PC industry

#### Gaming PC market driver example

- Driven by the desire for the most immersive experience, new technologies such as 4k screen resolutions and virtual reality [VR] are sponsoring demand
- Given new technologies are hosted by a graphics processor or GPU, it represents an opportunity for Asetek to increase attach from 1 [CPU] cooling loop to 2 [CPU & GPU] cooling loops per PC, effectively doubling the TAM

## Desktop market





# Asetek pursues the desktop market within three categories









Do-It-Yourself PC enthusiasts 78% sales

Gaming and Performance

Desktop PCs

20% sales

Enterprise
Workstations
2% sales

- Continue to dominate DIY and OEM markets
- Increase attach on GPUs

Recover market share



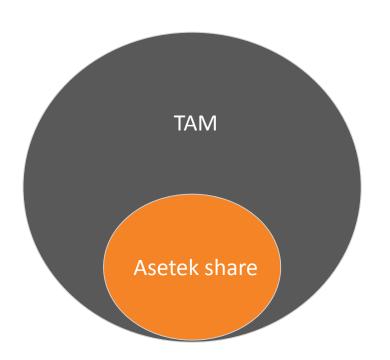
# The data center market



#### Market drivers

- Asetek's opportunity in the vast Datacenter segment is being driven by the desire to "do it better".
- Depending on the Datacenter and the circumstances,
   "do it better" could mean:
  - Reduce operating expenditure [OpEx].
  - Optimize capital expenditure [CapEx].
  - Realize performance potential.
  - Environmental friendly.
  - Or some combination of the above.
- Asetek's value proposition depends on the end-user "care-abouts".
- The introduction of more advanced chips [CPUs, GPUs, ...] over the next 1-3 years will encourage more and more datacenters to look to "do it better"

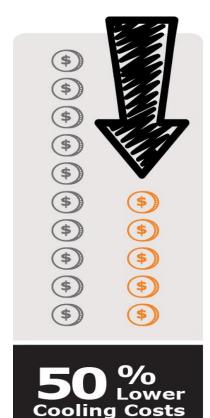
#### Data center market

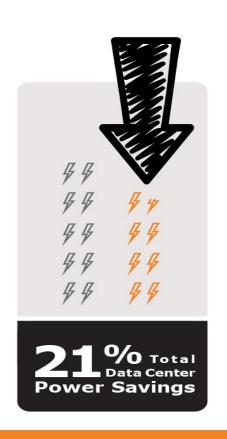




# Reduce OpEX









REDUCE OPEX

OPTIMIZE CAPEX

**UNLEASH POTENTIAL** 

**GO GREEN** 

**Enable More Power Efficient Cooling** 

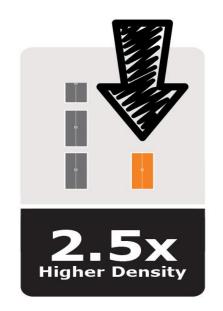
Eliminate chillers & cooling towers.

**Reduce Server Power by Eliminating Fans** 



# **Optimize CapEX**









OPTIMIZE CAPEX

UNLEASH POTENTIAL

GO GREEN

### **Shift CapEX to Compute Cycles**

Power Efficiency: Grow DC server count within current power envelope.

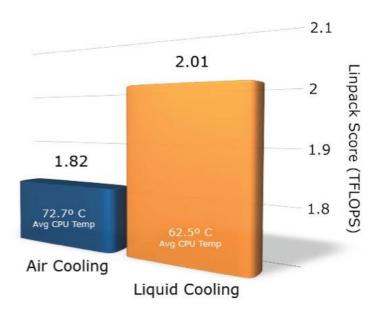
Optimize Physical Space: Increase server count within existing racks.

Cooling Efficiency: Purchase dry coolers rather than more chillers.



# **Realize Performance Potential**









REDUCE OPEX

**OPTIMIZE CAPEX** 

**UNLEASH POTENTIAL** 

**GO GREEN** 

## **Optimize Compute**

\* As seen in Mississippi State University HPC Shadow Cluster

Enable maximum sustained CPU throughput.

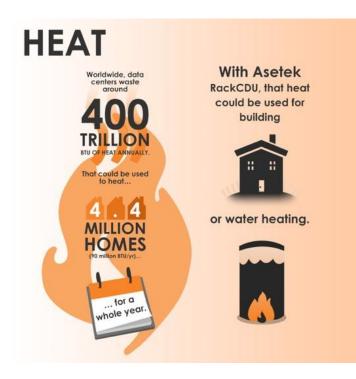
Improved reliability.

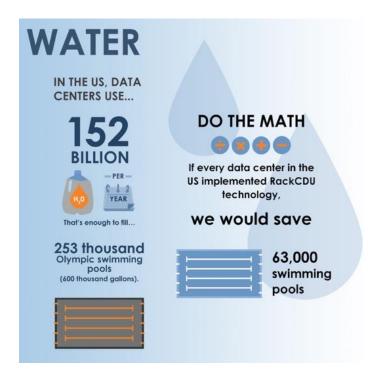
Future proof rack cooling for higher kW servers and blades.



# Go Green







REDUCE OPEX

**OPTIMIZE CAPEX** 

**UNLEASH POTENTIAL** 

**GO GREEN** 

Waste Heat Reuse Reduce Water Footprint Reduce Carbon Footprint

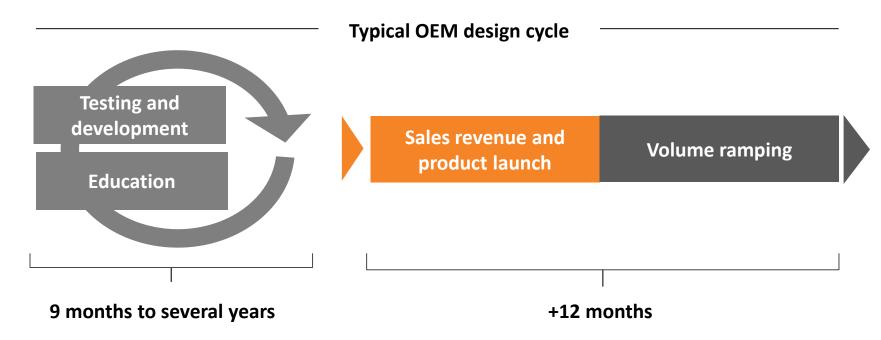


# Fujitsu goes to market with liquid cooling

# Overall data center outlook



Strategy is to increase end-user adoption within existing OEM customers and add new OEM customers



• The introduction of more advanced chips [CPUs, GPUs, ...] over the next 1-3 years will likely force most OEMs to stop procrastinating and figure out how they intend to help their Datacenter customers "do it better".



CFO Peter Dam Madsen

# **Ensuring value creation**



#### Priority

### Value drivers

Desktop PC growth

- Revenue growth
- Diversification of revenue streams
- Margin protection and optimization

Profitable growth

Data center growth

- OEM adoption
- Operations and margin stabilization

Cost base optimization

- Pinpointed IP and R&D investments
- Manufacturing
- Sales and marketing efficiency

Cash flow improvement

- Cash conversion
- Continued balance sheet optimization



# Historical value creation KPI communication



#### March 2013 IPO communications

#### **Desktop**



- Growth of +10% per year
- Blended gross margin of approx. 40%
- EBITDA margin for business unit in the range 15-20%
- Net working capital 12-15% of revenues

# Data center



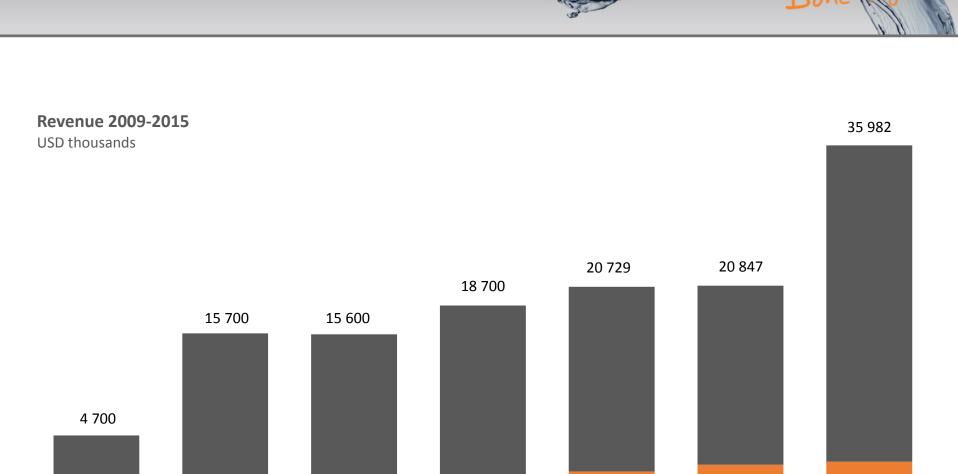
- Value based pricing strategy within the data center business where the key factor is to show a positive TCO/ROI
- Gross margin of 45-55%
- EBITDA margin 20-30% when reaching critical mass
- Current R&D spending of \$5-7m implies depreciations of \$1.5-2.5 annually
- Net negative cash flow before breaking even \$15-25m

#### Status YE 2015

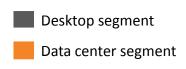
- Average revenue growth of 23% since 2012
- Blended gross margin at ~36% for FY 2015
- EBITDA margin for business unit 21% for FY 2015
- Net working capital less than 7% of revenues
- Value based pricing strategy based on significant TCO/ROI
- Gross margin at ~42%. Efficiency benefits to be harvested as revenue ramps up
- EBITDA margin 20-30% when reaching critical mass
- Current R&D and SG&A spending of \$7-8m of which approximately 10-15% is capitalized and amortized over typically 36 months
- Net negative cash flow before breaking even to be funded through profits from desktop business



# Building a liquid cooling business







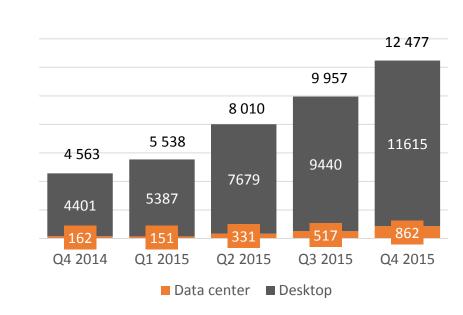
www.asetek.com 29

# Revenue development



- Q4'15 group revenue of \$12.5m driven by DIY desktop sales
  - Increase of 25% over Q3'15 and 173% vs Q4'14
  - Full-year 2015 revenue of \$36m, up 73% vs 2014
- Q4'15 desktop revenue \$11.6m
  - Up 23% vs Q3'15 and 164% vs Q4'14
  - Full-year 2015 up 77% vs 2014
  - ASP's in 2015 were slightly higher than in 2014 (+3%)
- Q4'15 data center revenue of \$0.9m
  - Primarily revenue from Fujitsu and California Energy Commission
  - Compares with \$0.5m in Q3'15 and \$0.16m in Q4'14
  - Full-year 2015 revenue of \$1.9m, up 22% vs 2014

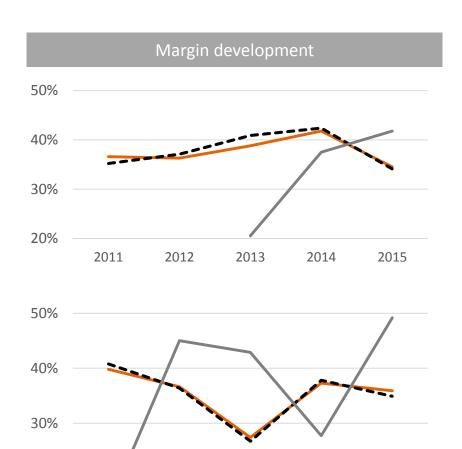
#### Group revenue, USD thousands





# Gross margin development

- Done
- Full year group gross margin decreased to 34.5% (41.8%)
  - Desktop margins impacted by \$800k (2.4 %-points)
  - Desktop margin impacted by product mix (from revenue increase)
  - Data center margins steadily increasing with scale
- Q4 '15 desktop gross margin decreased to 34.9% (40.8%)
  - Due to higher DIY lower margin product sales and customer mix changes and inventory adjustments
- Full year data center gross margin up to 41.8% (37.5%)
  - Learning curve and scaling indicate increasing margins
  - Sales to government projects margins fluctuate:
    - Man hours very high margins
    - Materials very low margins
    - 10% retention until project close





www.asetek.com 31

20%

Q4 2014

Group gross margin

Data center gross margin

Q1 2015

Q2 2015

Q3 2015

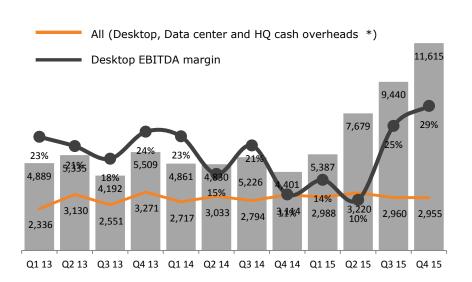
Desktop gross margin

Q4 2015

# **Earnings development**

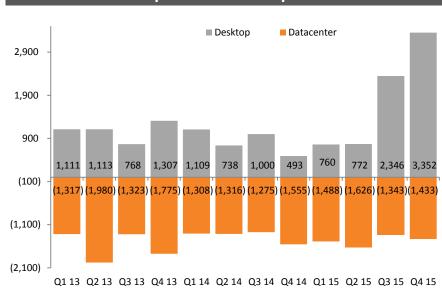


#### Desktop revenue and EBITDA margin. All overheads



- Revenue growth leads to higher EBITDAmargin
- Notice stable overhead levels throughout timeframe allowing increased EBITDAmargin when revenue increase

#### **Group EBITDA development**



- Desktop EBITDA is now paying for investment in data center
- Data center investments continue
- Revenue expected to increase in 2016



\*) Overheads from total company. Excluding depreciations, litigation cost, settlement income and stock option expenses

# **Income Statement**



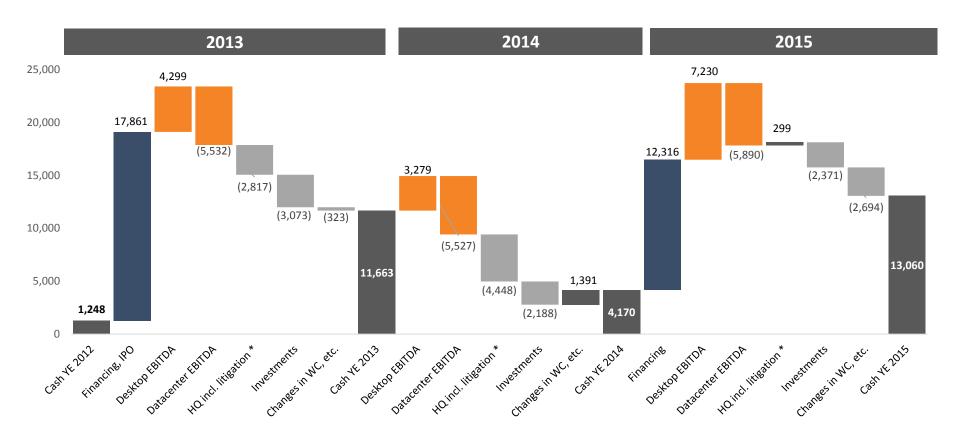
USD (000's)	Q4 2015			Q4 2014		
	Group	Desktop	Data center	Group	Desktop	Data center
Revenue	12 477	11 615	862	4 563	4 401	162
Gross Margin	35.9 %	34.9%	49.2%	39.6 %	40.5%	14.8%
Other operating expenses	2 557	700	1 857	2 881	1 302	1 579
EBITDA adjusted	1 919	3 352	(1 433)	(1 062)	493	(1 555)
Depreciations	722	317	405	410	122	288
Share based compensation	90	31	59	98	44	54
EBIT	1 107	3 004	(1 897)	(1 570)	327	(1 897)
EBIT Margin	8.9 %	25.9%	N/A	-34.4 %	7.4%	N/A
HQ, Litigation expenses	265			1 523		
HQ, Settlement received	(1 367)			-		
HQ, Share based compensation	31			37		
HQ, Other	398			238		
Headquarters costs	- 673			1 798		
EBIT, total	1 780			(3 368)		

- Litigation expenses reduced to lowest amount since Q3 2012
- Received final payment of settlement from CoolIT
- Still owed damages amount from Cooler Master. Matter appealed



# Cash generation and usage







\* HQ incl. Litigation contains various cash based elements of residual character. Corporate tax income is also included here.

# **Cash conversion**

Done Kish

- Inventory turns: ~13 times per year (2015 full year)
  - 19 times when messured in Q4 2015
  - Inventories increased recently to support business transactions
- Trade receivables DSO: ~85 days (2015 full year)
  - 61 days when when messured in Q4 2015
  - Terms extended recently to support customer relations
- Trade payables DPO: ~97 days (2015 full year)
  - 71 days when messured in Q4 2015
- Cash conversion in 16 days (2015 full year)
  - 9 days when messured in Q4 2015

USD (000's)	Q4 2014	Q2 2015	Q4 2015
Total non-current assets	3 356	3 298	3 536
Inventories	1 102	1 680	1 786
Receivables	4 186	5 251	9 366
Cash and equivalents	4 170	11 664	13 060
Total current assets	9 458	18 595	24 212
Total assets	12 814	21 893	27 748
Total equity	7 422	16 017	18 646
Total non-current liabilities	309	247	259
Total current liabilities	5 083	5 629	8 843
Total liabilities	5 392	5 876	9 102
Total equity and liabilities	12 814	21 893	27 748



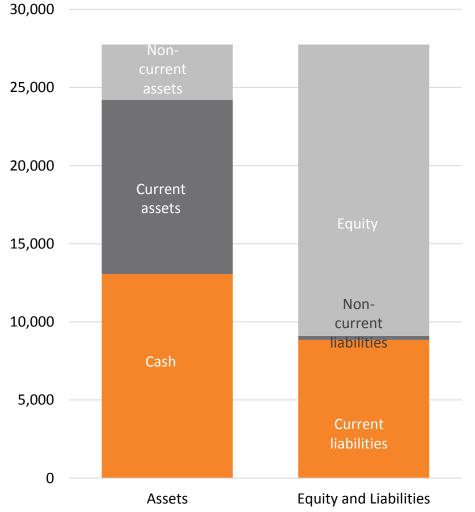
# Financing structure



#### Low on fixed assets

- Low interest bearing debt
- Strong cash position
- Agile balance sheet that enables growth and flexibility







## 2016 financial outlook



### **Desktop segment**



### FY 2016

Expected to grow modestly in 2016 from a record \$34m level in 2015

### Q1 2016

- DIY revenue up vs Q1 2015, but decline vs record Q4 2015 level
- Gaming/Performance Desktop PC revenue up vs Q1 2015
- Workstation revenue down vs Q1 2015



# 2016 financial outlook



**Data center segment** 



### FY 2016

- Significant revenue growth in 2016 vs. 2015 level of \$1.9m
- Revenue and operating results expected to fluctuate as partnerships with large OEMs are developed





CEO André S. Eriksen

# Asetek highlights



1 Growing market for liquid cooling driven by performance and efficiency needs



2 Asetek the world-leading provider of computer liquid cooling solutions



Proprietary and patented technology, 3m units deployed



- 4 Growing and profitable desktop computer business main revenue driver
- Expanding data center business with OEM portfolio and ecosystem partners
- 6 Delivered record group revenues of USD 36m, expecting further growth in 2016







Figures in USD (000's)	Q4 2015	Q4 2014	2015	2014
	Unaudited	Unaudited		
Revenue	\$ 12,477	\$ 4,563	\$ 35,982 \$	20,847
Cost of sales	8,001	2,749	23,570	12,137
Gross profit	4,476	1,814	12,412	8,710
Research and development	970	880	3,938	3,556
Selling, general and administrative	1,725	4,302	10,797	14,664
Total operating expenses	2,695	5,182	14,735	18,220
Operating income	1,781	(3,368)	(2,323)	(9,510)
Foreign exchange (loss) gain	87	(136)	305	(298)
Finance costs	(19)	(26)	(67)	(87)
Total financial income (expenses)	 68	(162)	238	(385)
Income before tax	1,849	(3,530)	(2,085)	(9,895)
Income tax (expense) benefit	466	1,142	438	1,138
Income for the period	2,315	(2,388)	(1,647)	(8,757)
Other comprehensive income items that may be reclassified				
to profit or loss in subsequent periods:				
Foreign currency translation adjustments	(180)	184	181	335
Total comprehensive income	\$ 2,135	\$ (2,204)	\$ (1,466) \$	(8,422)
Income per share (in USD):				
Basic	\$ 0.09	\$ (0.17)	\$ (0.07) \$	(0.62)
Diluted	\$ 0.09	\$ (0.17)	(0.07) \$	(0.62)



# Cash flow



Figures in USD (000's)		2015	2014
Cook flows from analyting activities			
Cash flows from operating activities	•	(4.547) 6	(0.757)
Income (loss) for the period	\$	(1,647) \$	(8,757)
Depreciation and amortization		2,390	1,771
Finance costs (income)		67	87
Income tax expense (income)		(438)	(1,138)
Impairment of intangible assets			36
Cash receipt (payment) for income tax		934	204
Share based payments expense		321	940
Changes in trade receivables, inventories, other assets		(6,937)	1,264
Changes in trade payables and accrued liabilities		4,243	(230)
Net cash used in operating activities		(1,067)	(5,823)
Cash flows from investing activities			
Additions to intangible assets		(1,489)	(1,873)
Purchase of property and equipment		(882)	(172)
Net cash used in investing activities		(2,371)	(2,045)
Cash flows from financing activities			
Cash received for leasing of previously purchased equipment		-	279
Funds drawn (paid) against line of credit		90	(141)
Proceeds from issuance of share capital		13,148	96
Cash paid for fees related to financing		(832)	-
Principal and interest payments on finance leases		(76)	(145)
Net cash provided by financing activities		12,330	89
Effect of auchania sate shares on each and each			
Effect of exchange rate changes on cash and cash		(2)	286
equivalents			
Net changes in cash and cash equivalents		8,890	(7,493)
Cash and cash equivalents at beginning of period		4,170	11,663
Cash and cash equivalents at end of period	\$	13,060 \$	4,170
Supplemental disclosure - non-cash items			
Equipment acquired under finance lease	\$	76 \$	-



# **Balance sheet**



Figures in USD (000's)		31 Dec 2015		31 Dec 2014
ASSETS				
Non-current assets				
Intangi ble assets	\$	1,852	\$	2,334
Property and equipment		1,188		730
Other assets		496		292
Total non-current assets		3,536		3,356
Current assets				
Inventory		1,786		1,102
Trade receivables and other		9,366		4,186
Cash and cash equivalents		13,060		4,170
Total current assets		24,212		9,458
Total assets	\$	27,748	\$	12,814
- Otto osces	· · ·	27,7 .0	7	12,011
EQUITY AND LIABILITIES				
Equity				
Share capital	\$	416	\$	264
Share premium		76,665		64,451
Accumulated deficit		(58,633)		(57,307)
Translation and other reserves		198		14
Total equity		18,646		7,422
Non-current liabilities				
Long-term debt		259		309
Total non-current liabilities		259		309
Current liabilities				
Short-term debt		375		300
Accrued liabilities		862		1,255
Accrued compensation & employee benefits		1,272		882
Trade payables		6,334		2,646
Total current liabilities		8,843		5,083
Total liabilities		9,102		5,392
Total equity and liabilities	\$	27,748	\$	12,814
reservations and manufactures	~	2,,,,,	~	,



# **Changes in Equity**



Figures in USD (000's)	Share capital	Share premium	1	ranslation reserves	Other reserves	Accumulat ed deficit	Tota
Equity at January 1, 2015	\$ 264	\$ 64,451	\$	26	5 (12)	\$ (57,307)	\$ 7,422
Total comprehensive income - year ended December 31, 2015 Loss for the period Foreign currency translation adjustments Total comprehensive income - year ended December 31, 2015	-	-		- 181 181	-	(1,647)	(1,647 181 (1,466
				101		(1,0+7)	(1,100
Transactions with owners - year ended December 31, 2015 Shares issued Less: issuance costs Share based payment expense	152	12,993 (779) -		- - -	3 - -	- - 321	13,148 (779 321
Transactions with owners - year ended December 31, 2015	152	12,214		-	3	321	12,690
Equity at December 31, 2015	\$ 416	\$ 76,665	\$	207 :	\$ (9)	\$ (58,633)	\$ 18,646
Equity at January 1, 2014	\$ 264	\$ 64,357	\$	(309)	5 (14)	\$ (49,490)	\$ 14,808
Total comprehensive income - year ended December 31, 2014 Loss for the period Foreign currency translation adjustments Total comprehensive income - year ended December 31, 2014	-	- - -		335 335	- - -	(8,757) - (8,757)	(8,757 335 (8,422
Transactions with owners - year ended December 31, 2014 Shares issued Share based payment expense	-	94		-	2	- 940	96 940
Transactions with owners -year ended December 31, 2014	-	94		-	2	940	1,036
Equity at December 31, 2014	\$ 264	\$ 64,451	\$	26	5 (12)	\$ (57,307)	\$ 7,422



## Management team





#### **CEO & Founder**

André S. Eriksen

- Long-term entrepreneur and founder of Asetek
- Previously employed at Danfoss in their management trainee program
- Holds an engineering degree from Aalborg University
- Several MBA level executive management programs from Right, Stanford, MIT and Wharton



#### CFO

#### **Peter Madsen**

- Previous positions include International Controller (DK) and Chief Financial Officer (US) at Martin Professional, Inc.
- Also served as CFO of Dantax Radioindustri A/S listed on the Copenhagen Stock Exchange
- MBA from Fort Lauderdale Metropolitan University



#### **VP Sales**

#### John Hammill

- 20+ years of high tech industry sales, sales management and marketing experience
- Previously held position as VP of Global Sales at nVidia and AMD
- Has managed global sales teams
- BSc in Electronics and Electrical Engineering from the University of Glasgow in Scotland



**VP Engineering** 

#### Mette Nørmølle

- 16 years in Research & Development organizations
- Worked at Bosch Telecom, Siemens Mobile, BenQ, Motorola and GN Netcom
- Holds a MSc degree in Materials and Manufacturing Engineering, specialized in polymers from Danish Technical University, Denmark.



#### **VP Global Operations**

#### Csaba Vesei

- 14+ years with IBM in numerous leadership roles, where he managed fulfillment, logistics, manufacturing planning, procurement, and supply chain functions
- MBA from Buckinghamshire Chilterns University, as well as a BSc in Information Technology from the College of Dunaujvaros



## **Board of Directors**





#### Chairman, BoD

#### Sam Szteinbaum

- 20+ years of international management and tech industry experience
- Most of career at HP, where he served in a variety of leadership roles
- Former VP and GM for HP's Americas Consumer Products
- Holds an MSc in Management from Purdue University



#### Director, BoD

#### **Chris Christopher**

- 40+ years of leadership, manage-ment and tech industry experience
- Most recent Senior VP and GM at HP for an \$18B portfolio consisting of blades based client systems, workstations and desktop PCs
- BSEE and MSEE from Colorado State
   University and an Executive MBA from Insead
   School of Business



#### Director, BoD

#### **Peter Gross**

- Leader of the Mission Critical Systems group at Bloom Energy
- Prior to joining Bloom, Gross was Managing Partner for HP's Carbon, Power and Critical Facilities Services, responsible for strategic technology planning and business development
- More than 30 years' relevant experience in engineering and design of data centers
- MBA from California State as well as an EE.



#### Director, BoD

#### Jim McDonnell

- 36 year career of growth and accomplishment at Intermec Technologies, Hewlett-Packard and General Electric Co. where he held leadership roles in sales and marketing
- Brings a wealth of strategic and hands-on experience in global sales, marketing, customer engagement, channel, and enterprise management
- BS degree in Electrical Engineering from Villanova University



#### Director, BoD

#### **Jorgen Smidt**

- 25 years of international operational and business management experience from the mobile telecoms industry.
- Analysis and implementation of investment and international marketing, market positioning and communication strategies.
   Prior to Sunstone, Jørgen's career in Nokia spanned 13 years and six years with Motorola
- Jørgen holds an engineering degree in computer science from the Engineering College of Copenhagen.
- Mr. Smidt is currently a partner in Sunstone Technology Ventures Fund I,



#### Director, BoD

#### Knut Øversjøen

- Independent advisor with extensive experience from management positions within several industries
- Former Partner at Carnegie Investment
   Banking, CEO in Global Tender Barges, CEO in
   Kverneland, CFO in PGS, CFO in Enitel and
   CFO in Hafslund
- MBA from BI Norwegian Business School



# Sandia National Laboratories



Save CapEx and OpEx While Growing Your HPC

## Challenge

Data center cooling capacity constrained

### **Solution**

Cray CS300-LC with RackCDU D2C cut air heat-load by more than 70%, making mechanical upgrade unnecessary

## **Installation Highlights**

CapEx Savings on mechanical upgrades paid for liquidcooling plus additional compute





**Sky Bridge Supercomputer** 600 teraflop - 1848 nodes

"The facilities cost for a hybrid liquid/air cooled system was 50 percent of the cost of a completely air-cooled system"

- John Noe, Manager of Scientific Computing

OPTIMIZE CAPEX

**UNLEASH POTENTIAL** 

## University of Tromsø



## Recycling Waste Heat in Norway



# **Stallo Supercomputer** 6,560 liquid cooled cores

## Challenge

Data center energy reuse for year-round campus heating.

### **Solution**

RackCDU D2C retrofit enabled recouping 70% of supercomputing power for campus heating.

## **Installation Highlights**

Initial install running production workloads since January 2014. Success led to build out of full system, completed June 2015.

### Other Benefits (at 25°C ambient)

73% reduction in cooling energy. 9% reduction in IT energy.



"We have moved from counting how many flops from the supercomputer to how many watts we recycle."

- Svenn Hanssen, UiT

REDUCE OPEX

GO GREEN



# Mississippi State University



## Invest in Supercomputers, Not Chillers

## Challenge

Data center cooling capacity constrained.

### **Solution**

Cray CS300-LC with RackCDU D2C enabled MSU to buy more computer rather than additional chillers.

### **Installation Highlights**

Initial install of 5-rack cluster February, 2014.

Success led to install of second 4-rack cluster in Dec. 2014.

### **Other Benefits**

Performance increases with liquid cooling:

System Type	LINPACK	Xeon Phi Avg. Temp
Air Cooled (18°C)	1.82 TFLOPS	72.75°C
Liquid Cooled (25°C)	2.01 TFLOPS	62.5°C





**Shadow Supercomputer** 33,600 liquid cooled cores



### "We'd rather pay for cycles than chillers."

- Roger Smith, Senior Computer Specialist, MSU

OPTIMIZE CAPEX

UNLEASH POTENTIAL