CELLAVISION

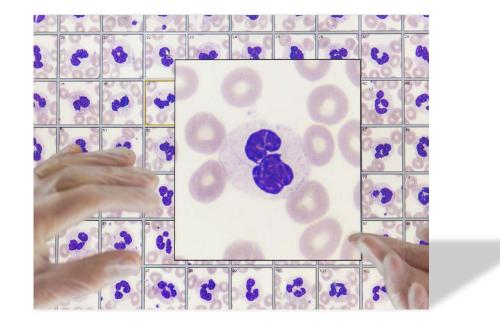
AGM May 8, 2019

Zlatko Rihter President and Chief Executive Officer

CellaVision in short

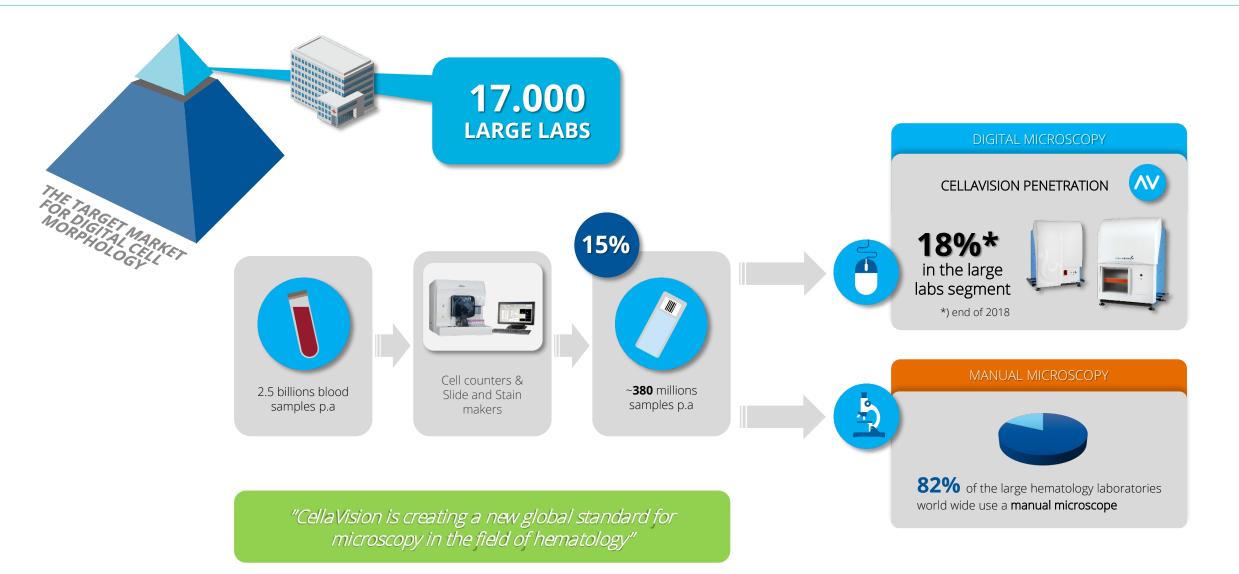
Our vision is to be a leader in global digitalization and automation of blood analyses for both the human and veterinary segments.

Our method contributes to improved patient diagnostics, streamlining and reduced healthcare costs.

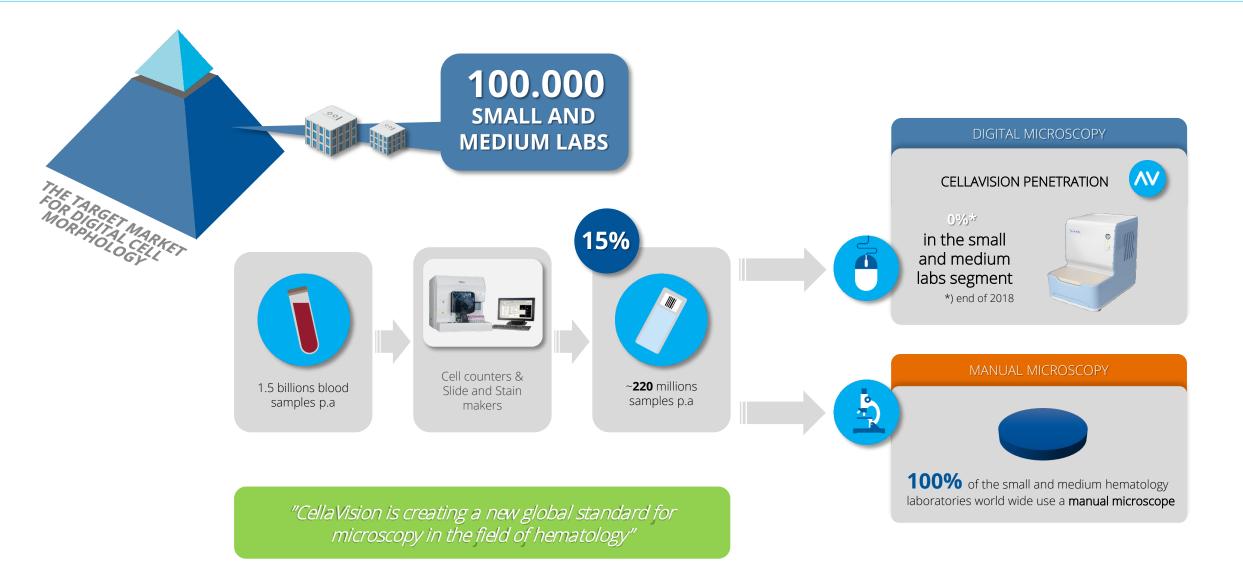


In other words: **Our mission is to replace traditional microscopes in laboratories.**

World Leading Supplier of Digital Solutions for Blood and Body Fluid Analysis



World Leading Supplier of Digital Solutions for Blood and Body Fluid Analysis

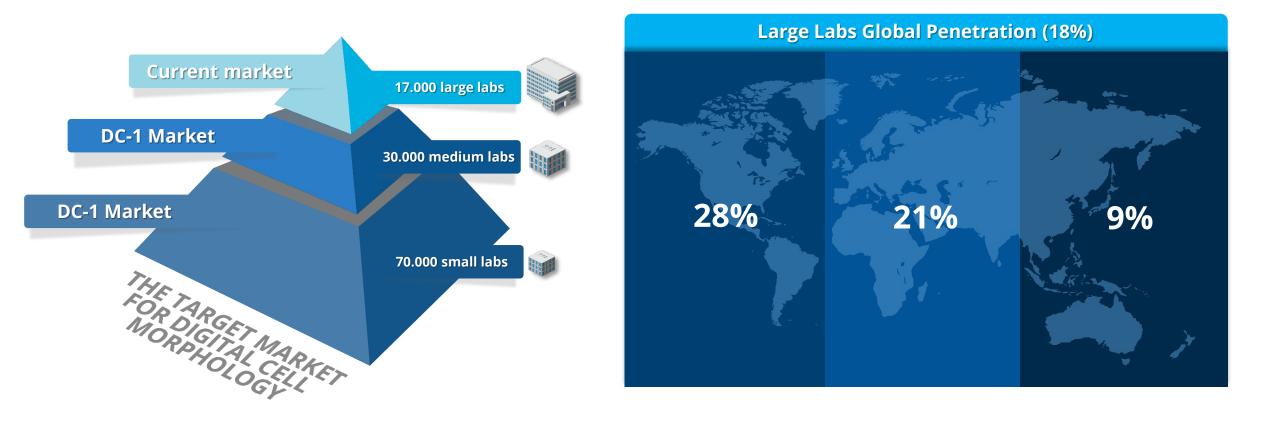








Improved staff ergonomics (reduction of sick leave)



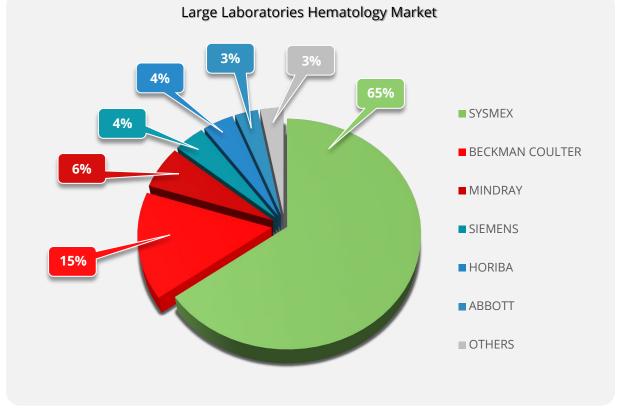
Overall hematology market value of SEK >35 billion (CAGR of 4-5%)

The CellaVision indirect model is based upon global distribution partners that offer a complete product range for hematology labs. The distributors takes responsibility for installations and after sales service

Market support offices in 17 markets and presence in more than 30 countries; USA, Canada, Brazil, Mexico, the Nordic countries, France, DACH, UK/Ireland, Middle East, China, Iberia, Italy, South Korea, Japan, Oceania, India and South East Asia

Manufacturing outsourced to Kitron AB, Sweden

HQ in Sweden (Lund), >120 employees world wide



Abbott

NIHON KOHDEN BOULE BIC specifix





CellaVision Scalable Business model: Focus on Core Function and Strong Partnership

Large Laboratories Hematology market

NIHON KOHDEN

Abbott

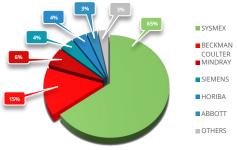
Promise for Life

The CellaVision indirect model is based on global distribution partners that offer a complete product range for hematology labs

CellaVision partners cover 100% of large labs and >80% of small- and medium sized labs

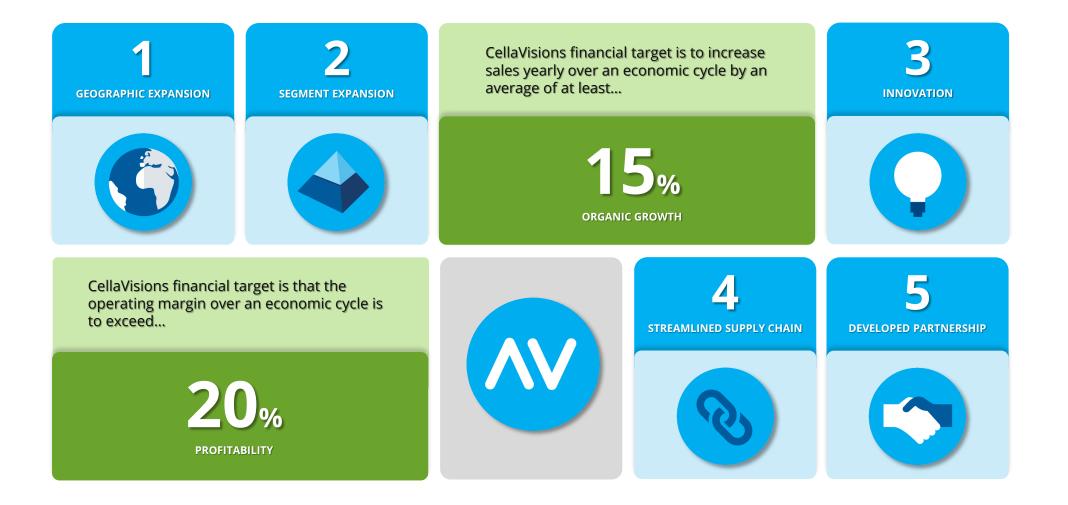
SIEMENS HORIBA

The distributors take responsibility for installations and after sales service

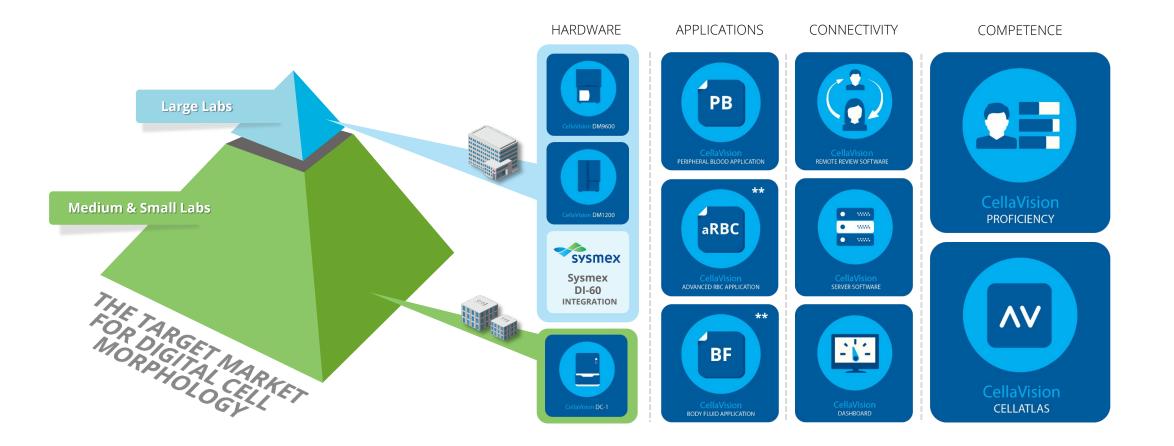




Boule Bit specifix



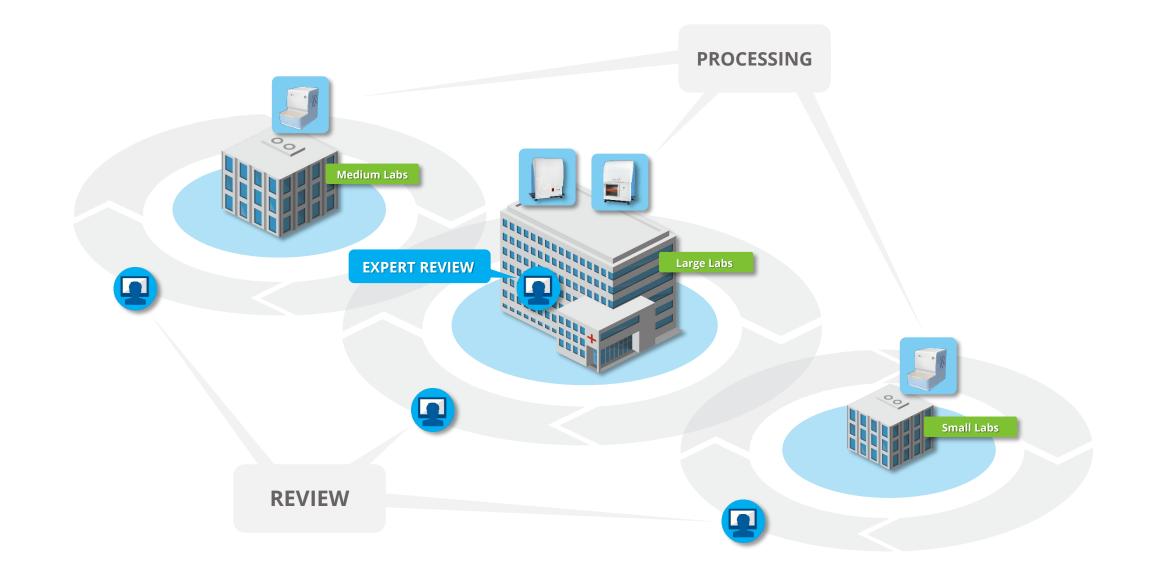
The CellaVision portfolio and CellaVision® DC-1

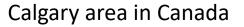


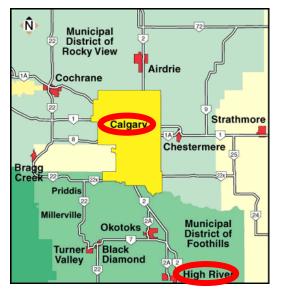
****** Not available on CellaVision® DC-1 (Human and vet variants will be available for all platforms)



Primary Initial Target Market for CellaVision® DC-1: Hematology Laboratory Chain Networks

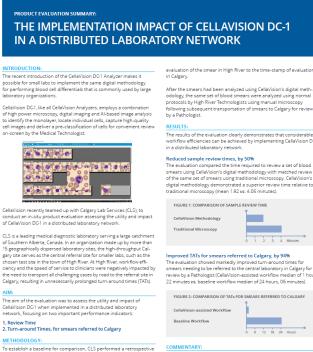






Calgary (Large lab): CellaVision large system High River (Small lab) : CellaVision® DC-1

65 km distance or 45 minutes by car



review of High River peripheral blood smear evaluation ti logged from March to June, 2017, spanning backward to the point of specimen receipt During the evaluation, 21 samples were processed using CellaVision

DC1, after which the pre-classifications generated were reviewed by High River Technologists, with support from Calgary-based Pathologists as required.

The time-stamps of receipt and completion for each process step were logged, with particular attention paid to the time-stamps from initial



CELLAVISION

The evaluation showed markedly improved turn-around times fo smears needing to be referred to the central laboratory in Calgary for review by a Pathologist (CellaVision-assisted workflow median of 1 hour, 22 minutes vs. baseline workflow median of 24 hours, 06 minutes)

0 1 2 3 4 Minutes

mpact of oratory ators:	FIGURE 2: COMPARISON OF TATs FOR SMEARS REFERRED TO CALGARY CellaVision-assisted Workflow Razeline Workflow						
	0 6 12 18 24 Hours						
a retrospective	COMMENTARY:						
time-stamps	This is situ qualuation offectively demonstrates that considerable						

workflow efficiencies can be achieved by implementing in a CellaVision DC1 distributed laboratory network

CellaVision-technology helps Medical Technologists speed-up morphological assessment while enabling collaboration with off-site colleagues, supervisors and pathologists. In a distributed laboratory network, the adaptation of a digital methodology can help realize considerable time-savings by effectively removing the primary cause of prolonged turn-around times - the road-based transportation needed to send challenging slides for review by off-site Pathologists.

Reduced sample review times, by 50%

The evaluation compared the time required to review a set of blood smears using CellaVision's digital methodology with matched review of the same set of smears using traditional microscopy. CellaVision's digital methodology demonstrated a superior review time relative to traditional microscopy (mean 1.92 vs. 4.05 minutes).

FIGURE 1: COMPARISON OF SAMPLE REVIEW TIME



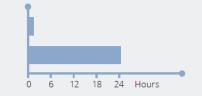
Improved TATs for smears referred to Calgary, by 94%

The evaluation showed markedly improved turn-around times for smears needing to be referred to the central laboratory in Calgary for review by a Pathologist (CellaVision-assisted workflow median of 1 hour, 22 minutes vs. baseline workflow median of 24 hours, 06 minutes).

FIGURE 2: COMPARISON OF TATS FOR SMEARS REFERRED TO CALGARY

CellaVision-assisted Workflow

Baseline Workflow



Swedish Artificial Intelligence Society (SAIS) I have awarded two CellaVision talents for the best 2019 Master Thesis

SAIS 2019 Master's Thesis Award

The winners of this year's award are: Jesper Jönsson and Emmy Sjöstrand, Lund University

With the motivation:

The award goes to Jesper Jönsson and Emmy Sjöstrand, Lund University, for their thesis entitled "Cell Image Transformation Using Deep Learning". The thesis was performed at a company developing digital microscopes. In this context it is important that the digital images of, for instance, blood cells are of high quality and that they look as they would in a traditional microscope, regardless of the digital microscope used. The thesis explored several methods using deep learning, conditional GANs and circular GANs, to transform images from one system to another. The results show much promise and will be used by the company in the future. The results also have a great future potential as a building block to solve several other fundamental image classification and image recognition problems. It is hence a thesis studying a very relevant AI problem, and a presentation of it at the SAIS Workshop will provide great insights for further discussions, especially among researchers working in the areas of image recognition, segmentation, and classification.



Jesper Jönsson and Emmy Sjöstrand

Q1 2019 financials and financial calendar 2019

First quarter highlights: Overall organic growth +31% (+3% Fx effect)

Americas (28%)

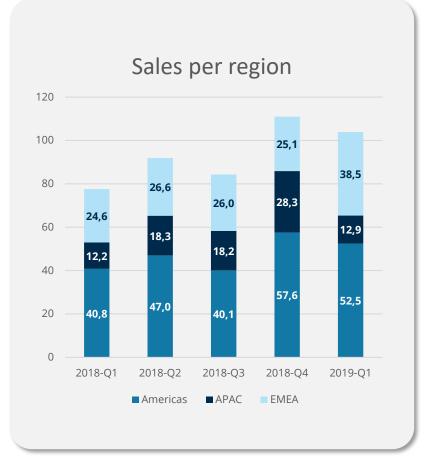
- Strong development with a continuous strong underlying customer demand both in USA and Canada and we now see an emerging replacement market. Digital microscopy can now be considered as the golden standard
- Customer demand for Brazil has increased and it is clear that the company's local presence in the country makes a difference.

APAC (6%)

- A continued growth trend in APAC with good results from China and Japan and high market activities in other parts of APAC.
- Sales is expected to pick up in Australia during the coming years.

EMEA (57%)

- Consistent investment in local market support continues to give good results and France is a recent success case and currently the number 3 market in sales.
- Market support functions for Italy and Iberia operational during the first quarter 2019.

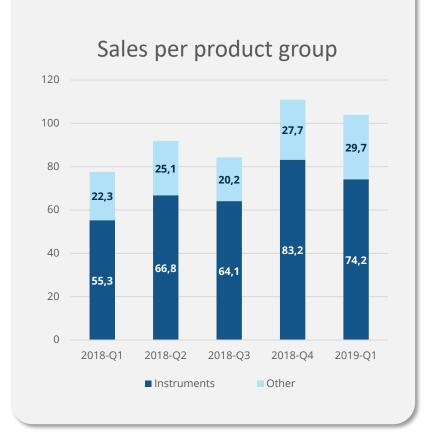


CellaVision® DC-1 launch

- The target group for the CellaVision® DC-1 is small and mid-size clinical laboratories that until now have not had access to digital solutions for in-depth blood cell analysis.
- The new market segment consists of approximately 100,000 small and medium-sized laboratories.
- Long term, the market can prove to be on par with, or even larger than, the current market for large laboratories that CellaVision address today.
- The CellaVision® DC-1 was launched at MEDLAB in Dubai and is since February commercially available for the markets accepting the CE mark.
- First CellaVision® DC-1 systems have been delivered to customer and production is currently being ramped up according to plan
- During 2019 CellaVision will apply for registration required to sell the products in other markets and also execute clinical studies for FDA 510k (USA) and CFDA (China) submissions.
- The CellaVision® DC-1 will be sold through the company's global distributor network.

Acceleration of innovation pipeline requires highly skilled engineers

Increased investment ambitions into innovation capabilities by acceleration in hiring of engineers in Lund



(MSEK)	Q1 18	Q2 18	Q3 18	Q4 18	Q1 19
Net sales	77,6	91,9	84,3	111,0	103,9
Growth	-17%	17%	37%	46%	34%
Gross margin	74,4%	75,1%	73,8%	73,9%	74,1%
Operating expenses/sales	45%	41%	49%	42%	41%
Operating profit	23,2	31,6	21,0	35,8	34,9

Key insights first quarter

- **Net sales** of 103,9 MSEK (77,6) +34%
- **Gross margin** 74,1% (74,4)
- **Operating expenses** under control. Capitalized R&D expenses low due to DC-1 project finalization. **Operating profit** 34,9 MSEK (23,2) and operating margin 33,6% (29,9)



Sales

• 31% organic growth (+3% FX effect).

Expenses

- Sales and marketing +18%. In line with geographical expansion strategy.
- Administrative expenses +8%
- R&D expenses +47%. High focus on innovation. Low ratio of capitalized R&D.

Development projects

• Capitalized R&D 4,1 (6,5) -37%. New technology platform for analyzers intended for small and mid-size laboratories in final phase.

Cash flow

• 45,3 (-2,4) High accounts receivable in 2018-Q4 back to normal in 2019-Q1.

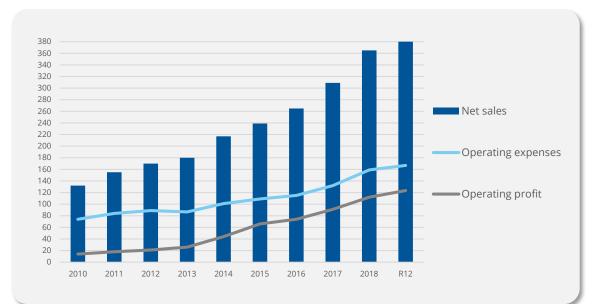
(MSEK)	Jan-Mar 2019	Jan-Mar 2018
Net sales	103,9	77,6
Cost of goods sold	-26,9	-19,9
Gross profit	77,0	57,7
Sales and marketing expenses	-21,7	-18,4
Administration expenses	-9,2	-8,5
R&D expenses	-11,2	-7,6
Total expenses	-42,1	-34,5
Operating profit	34,9	23,2

(MSEK)	2014	2015	2016	2017	2018	R12
Net sales	216,9	239,0	265,0	309,3	364,8	391,1
Growth	21%	10%	11%	17%	18%	33%
Gross margin	67%	73%	71%	72%	74%	74%
Operating expenses/sales	47%	46%	43%	43%	44%	43%
Operating profit	42,8	65,5	74,2	90,9	111,6	123,4

Financial targets (over economic life cycle)

- 15% sales growth
- 20% operating margin

Share price: SEK 289,00* Num. Shares: 23,85 million Market Cap: 7,1 BSEK



* 2019-04-15



Annual General Meeting Interim Report Jan-June Interim Report Jan-Sept Year-end bulletin 2019 8 May 16 July 23 October 5 February 2020



THANK YOU