Welcome to Caverion's Capital Markets Day 2017

November 7, 2017

Caverion

Agenda for the day

09:00 - 09:45 a.m.	Opening and introduction to Caverion's strategy 2020 Ari Lehtoranta, President and CEO*, **
09:45 - 10:15 a.m.	Focus on Business Unit Services: Profitable growth in Services boosted by digitalisation Thomas Hietto, Services
10:15 - 10:45 a.m.	Coffee break
10:45 - 11:15 a.m.	Focus on Business Unit Projects: Selective and disciplined strategy in Projects Jarno Hacklin, Projects
11:15 - 11:40 a.m.	Case study: Norway turnaround Knut Gaaserud, Denmark-Norway*
11:40 - 12:10 a.m.	Financial update – Reaching financial targets through Must-Wins Martti Ala-Härkönen, CFO
12:10 - 12:30	Summary of the day (Ari Lehtoranta, President and CEO)*
	Site visit introduction (Ville Tamminen, Finland) (not part of the webcast)
12:30 - 13:00 p.m.	Lunch
13:00 - 15:30 p.m.	Site visit tour

*) Q&A session after the presentation
 **) Open for conference call participants with opportunity to ask questions in the conf. call.

Opening and introduction to Caverion's strategy 2020

Ari Lehtoranta President and CEO



Caverion - a leading European service company



¹⁾ excl. restructuring costs

2) In connection with the financing arrangement agreed on December 22, 2016, Caverion and its lending parties confirmed the EBITDA calculation principles related to the Group's financial covenant (Net Debt/EBITDA). The Net Debt/EBITDA for 2016 has been calculated accordingly.

2016 figures, unless otherwise stated

Clear competitive advantage – This is why our customers choose us

Expertise in Services

- Trusted partner and advisor in facility management
- Remote management capabilities
- Real-time client reporting

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- Nationwide local presence ensuring short response times
- Efficiency in reducing costs, extending service life and minimising breakdowns
- Unified concepts: ServiFlex, ServiFlex+ and IoT Flex

Expertise in Projects

- Integrated life cycle deliveries of all building systems
- A forerunner in digitalising project planning and execution (BIM)
- Expertise in clean room, tunnel, telematics, traffic control
- Productivity and quality through prefabrication and own smart solutions
- Local presence, centralised competences in PMOs

Technical expertise as an integrator of all technical systems for building and industry Skilled personnel | Strong partner | Technological innovator | Life-cycle and sustainability focus

What went wrong in the past?

Project performance

- Aggressive growth in Projects
- Errors in tendering and execution
- cost-estimate adjustments, writedowns and provisions and restructurings

Cash flow

- Capital tied up in risk projects
- Weak profitability and one-offs
- Sizeable IT investments

Growth combined with too much internal development

- Execution failed
- ERP roll-out consumed significant resources - now finalised

Revenue (OLD TARGET 2014-2016)

Annual revenue growth more than 10% on average



Profitability (OLD TARGET 2014-2016)

EBITDA over 6 % of revenue



Working capital (OLD TARGET 2014-2016)

Ø

Negative

Four megatrends support the demand and underpin our strategy

Н		Increasing technology	The share of technology in built environments' investment cost is increasing (40-60%); requires expertise in integration of multiple technologies.
╞	4	Energy efficiency	Both legal and financial needs increase the demand for energy efficient solutions and renewable energy sources.
┣	<u>(</u>	Digitalisation	The growing digitalisation of built environments creates possibility to manage data and conditions across the whole life cycle.
L	ß	Urbanisation	Creating safe and reliable built environments for citizens and communities in a profitable manner.

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Favourable market demand and outlook



Market remains fragmented

Services

- Underlying demand expected to remain strong
- Demand for Life Cycle Solutions expected to increase
- Opportunities in outsourced operations and maintenance

Key competitors

Gunnar Karlsen, Apleona, Assemblin, Are Group, Spie, Bilfinger

Projects

- Markets expected to remain on a good level, while price competition remains tight
- Demand for Design & Build expected to develop favourably
- Energy efficiency, better indoor conditions and tightening legislation positive drivers

Key competitors

Bravida, Gunnar Karlsen, Apleona, Assemblin, Are Group, Ortner Group, ROM-Technik, Engie

Delivering our "Fit for Growth" Strategy 2020

1)

Digitalisation will revolutionise our industry – Well positioned to enable digital future for our clients.

2

We are becoming a more selective master in projects, while the growth will come from service business.

(3)

After getting **FIT** through our Must-Wins, we seek to accelerate our **GROWTH** to outpace the market in Services.



Four clear Must-Wins to implement our strategy

Excellent customer experience

Service culture program

Increased customer loyalty

Professional sales



- Best solutions
 - Boost Profitable Growth with Comprehensive Services
- Boost profitable growth with Digital Services
- Boost profitable growth through Technology
- Becoming Master of Projects





Top performance at every level

- Project performance management
- Service performance management
- Procurement & logistics performance management
- Fixed cost performance management



Winning team

- Inspirational leadership
- Right people in right places
- Professional growth





Fit for Growth – Meeting the milestones for 2020

"Fit for Growth" – Key changes and ways to guarantee success

Shift in business mix over time

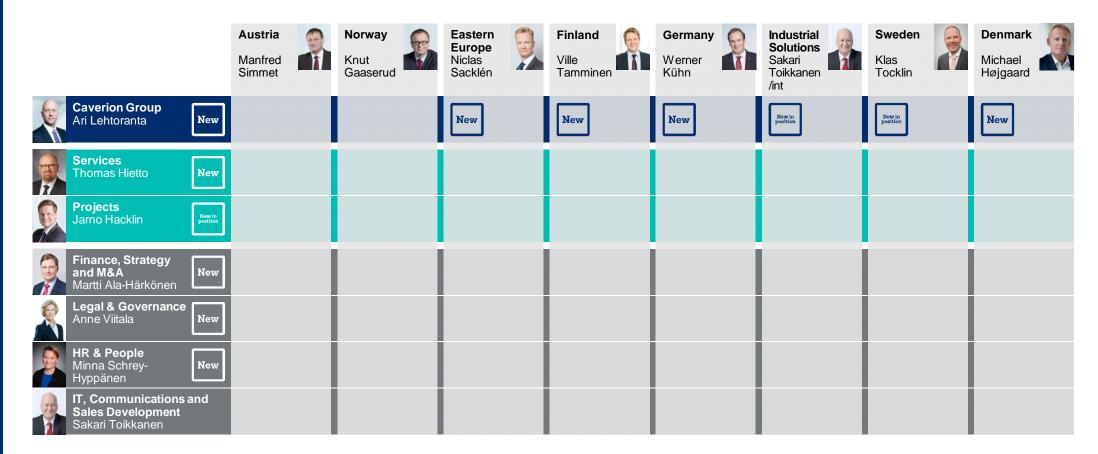
- Organic growth faster than the market in Services
- Selectivity in Projects, focus on those leading to Services

Must-Wins are key in strategy execution

- Strategy starting from customer demand Transformation towards a service culture where customer experience is key
- Best solutions: embracing digitalisation
- Driving Top Performance at every level
- · Winning team: capable leaders and engaged professionals
- First focus on efficiency and getting fit, second grow faster than the market on a sustainable basis
- Executable division-specific plans
- Renewed and experienced team to execute strategy



Great empowered leadership team in place



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"Fit for Growth" – Improved financial results and clear targets

1 Digitalisation will revolution our industry – Well position enable digital future for ou clients.	ned to	2 We are becoming selective master while the growth service business	in projects, will come from	3 After getting FIT through our Must-Wins, we seek to accelerate our GROWTH to outpace the market in Services.	
Cash conversion*	Profitability (EBITDA-%)		Leverage (Net debt/EBITDA)		Growth Services growth > market
> 100%	> 6%	/ 0	< 2.5x		Services generate > 2/3 of Group revenue (long-term target beyond 2020) Group revenue growth target specified by the end of 2019

*) Operating cash flow before financial and tax items / EBITDA

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Focus on Business Unit Services: Profitable growth in Services boosted by digitalisation

Thomas Hietto Services

Profitable Growth in Services boosted by digitalisation

Improving our performance

(1)

2

Building on our strengths

Accelerating profitable services growth

3



Significant embedded improvement potential in Services



1 Improving our performance

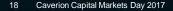
Business unit focus

- Management structure
- Consistent way to develop service business, end-to-end
- Ensuring strong execution
- Granular financial reporting

Performance management



- Focus on invoicing, completion, mobile reporting quality, sales management and productivity
- KPI's down to individual level
- Management practices



2 Building on our existing strengths in Services

Technological
capabilitiesCustomer
relationshipsDigital
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Output Strengths Output Strengths

TECHNICAL MAINTENANCE (78% of revenue in Services)

- Performance management
- People development
- Growth with existing customers
 - Expand and upgrade services scope
- Pricing optimisation



SERVICES TAILORED FOR LARGE CUSTOMERS (22% of revenue in Services)

- Comprehensive offering with technical and digitalised core – Differentiating factor
- Develop partnerships
- High quality service delivery
- Growth with existing and new customers

NEW DIGITAL SERVICES



SERVICE CULTURE

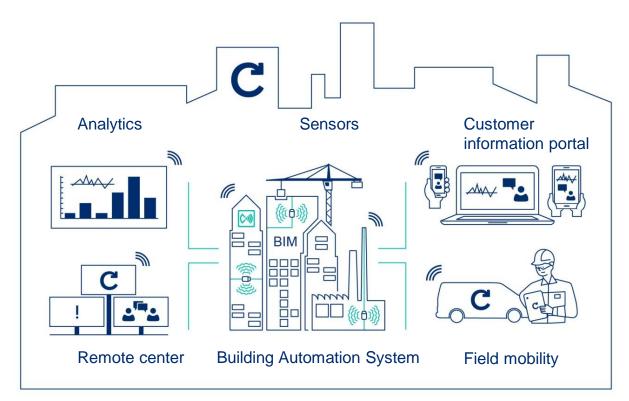
New Digital Services add value to our customers

Ready to roll-out:

- IoTFlex for industrial customers
- ServiFlex+ for buildings
- Customer information portal
- Remote center services

Development:

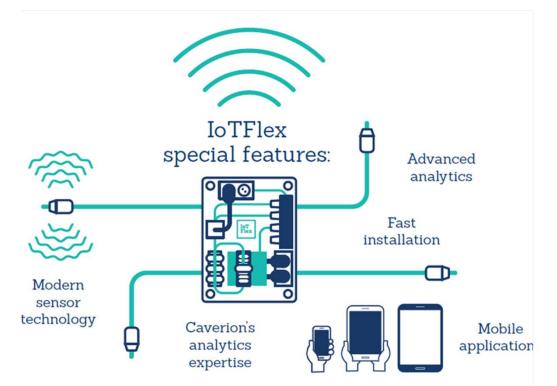
- Caverion smart solutions
- Digitalised service delivery process
- Analytics
- New business models





IoTFlex – Smart service concept for industry

- Modern analytics based on sensor technology allows the detection of disturbances in critical parts of the production line at an early stage
- Tested and developed together with a few industrial customers
- Fits for various industrial segments
- Major cost-savings when uncontrolled interruptions of production can be eliminated





ServiFlex+ – Smart service concept for buildings

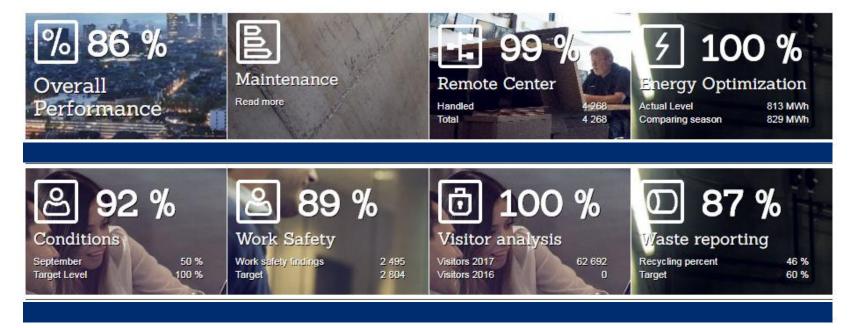
- Renewed, digitalised service for preventive maintenance
- Experience on building technology from over 30,000 facilities in 12 European countries
- Applications for all kind of facilities; schools, office buildings, retails shops, malls and warehouses
- With ServiFlex+ customers can:
 - Optimise and predict maintenance costs
 - Choose single or multiple technical systems
 - See 24/7 how their building is performing
 - Sustainability: reduced energy consumption up to 20%
 - Have one customer information portal for reports and real-time information



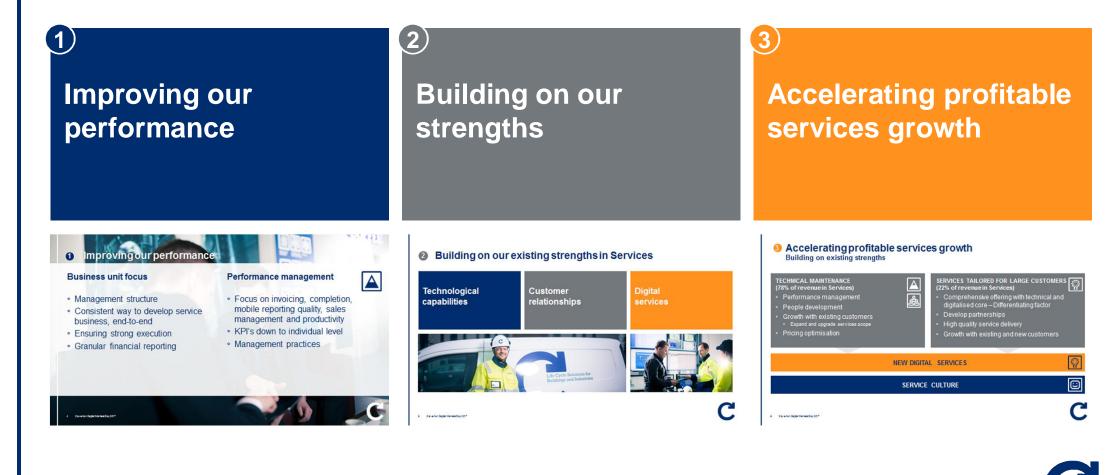


Customer information portal with 24/7 real-time data

Caverion



Profitable Growth in Services boosted by digitalisation





Caverion

FIRST CHOICE IN DIGITALISING ENVIRONMENTS





Focus on Business Unit Projects: Selective and disciplined strategy in Projects Jarno Hacklin Projects



Delivering our selective and disciplined strategy in Projects



2) Implement Projects Performance Management

Improve project management competences and develop resource planning

Manage project portfolio and business mix, climb up in the value chain



3

Poor historical performance... but clear strategy going forward



Why are projects important to Caverion?



Healthy project business drives cash flow and negative working capital



Supports service growth with smart concepts and digital solutions (BIM)

3.

Increasing interest towards Life Cycle contracting



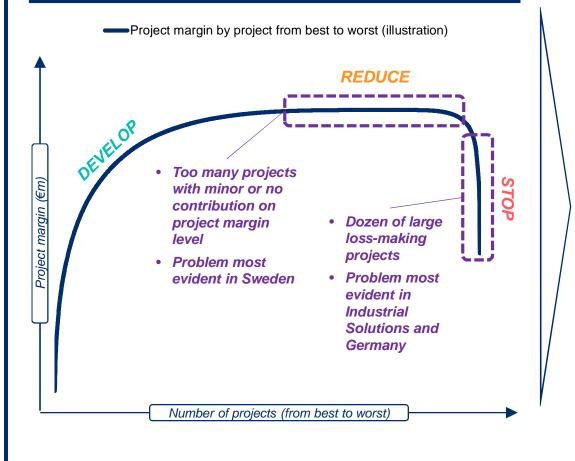
Service customers require project capabilities



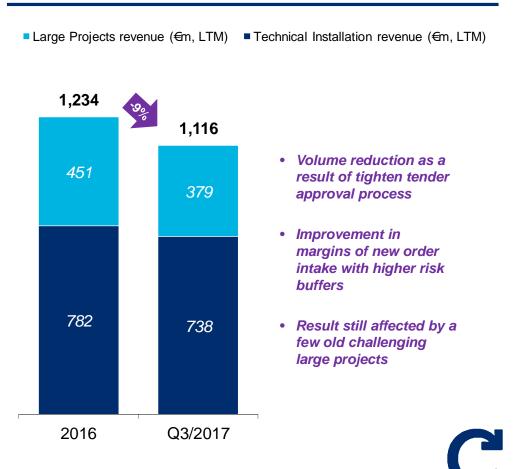
Sets Caverion apart from soft service competitors as a technological forerunner

1 First implications of our selective approach

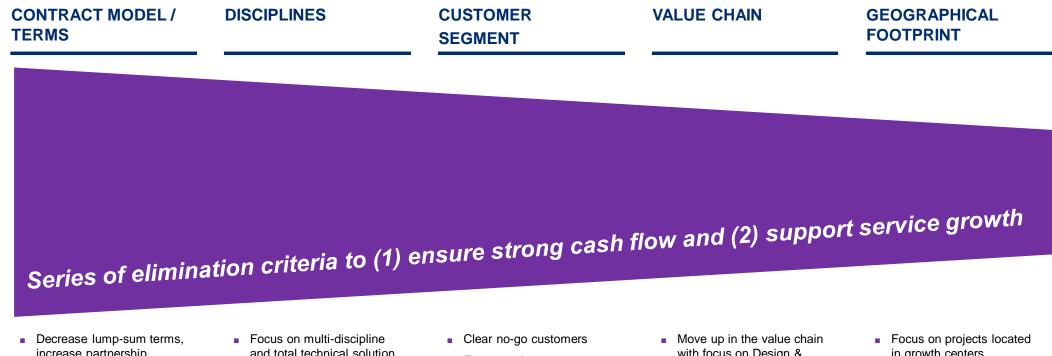
STARTING POINT: A FEW MAJOR LOSS-MAKING PROJECTS AND TOO MANY PROJECTS WITH MINOR CONTRIBUTION



"MARGIN OVER VOLUME" APPROACH EVIDENT IN CAVERION PROJECTS REVENUE DEVELOPMENT



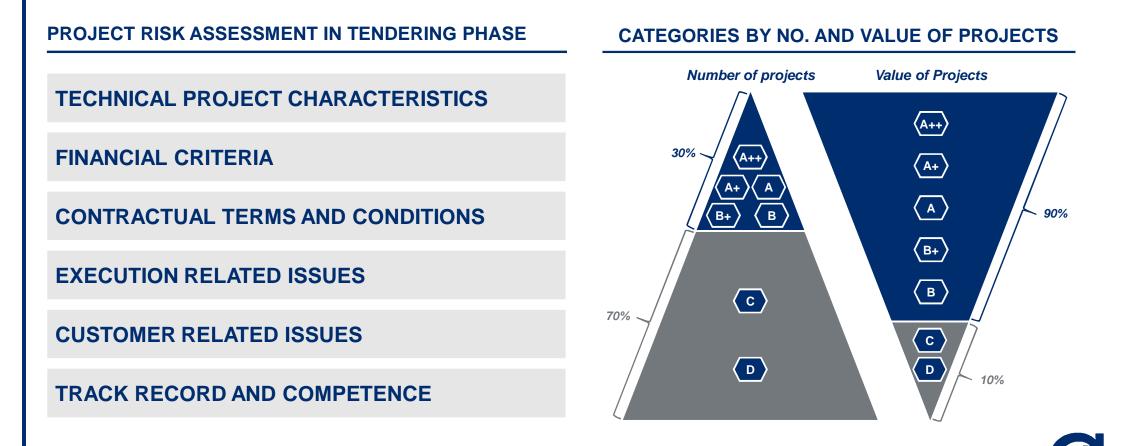
Strategic choices in bid / no-bid phase 1



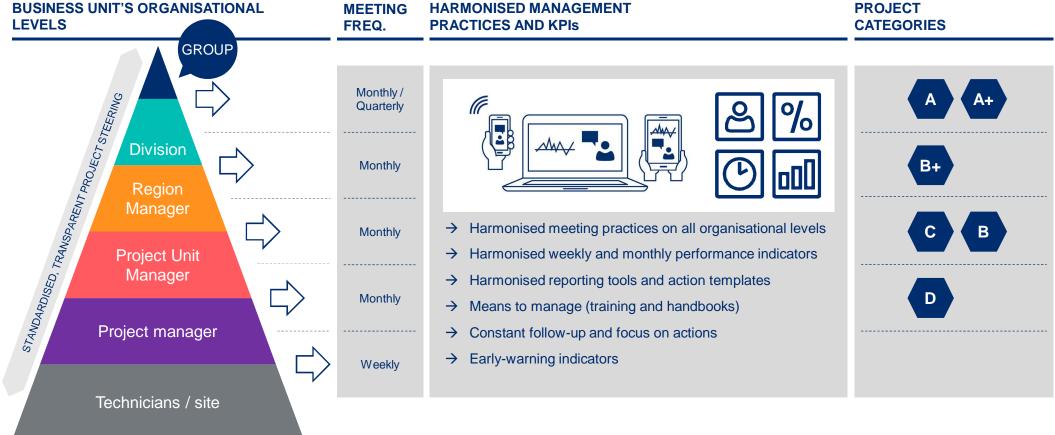
- increase partnership models
- Banned and restricted clauses
- Only payment plans enabling strong project cash flow
- and total technical solution projects
- Focus on disciplines with higher strategic value
- Ensure high service hit rate
- Focus on the most profitable and attractive customer segments
- Ensure high service hit rate
- with focus on Design & Build and Smart concepts
- Move gradually away from tender-based singlediscipline contracting
- Ensure high service hit rate

- in growth centers
- Reduction in number of project units through increased selectivity

Output Project categorisation identifies risk level for tendering and sets requirements for execution competences and steering model



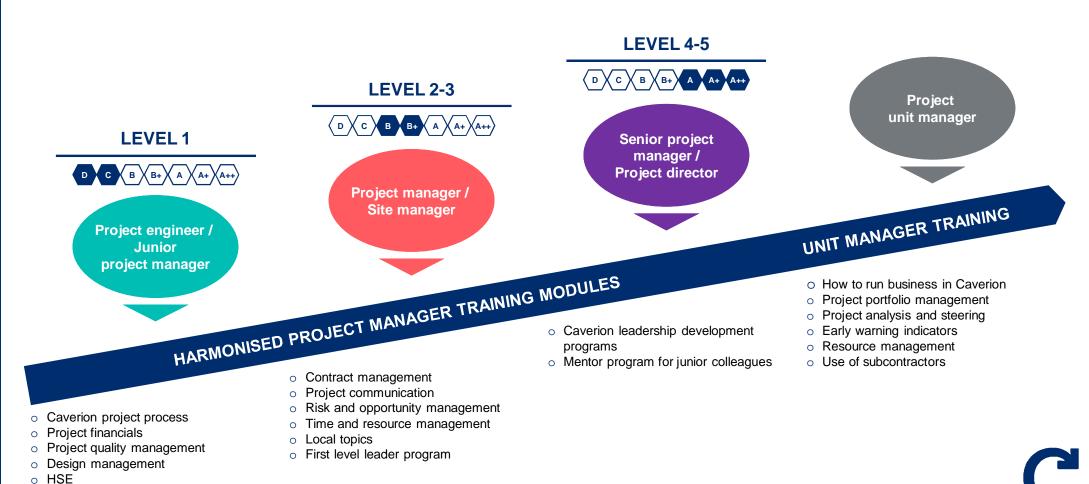
Projects Performance Management – Action-based steering and follow-up through harmonised management and KPIs



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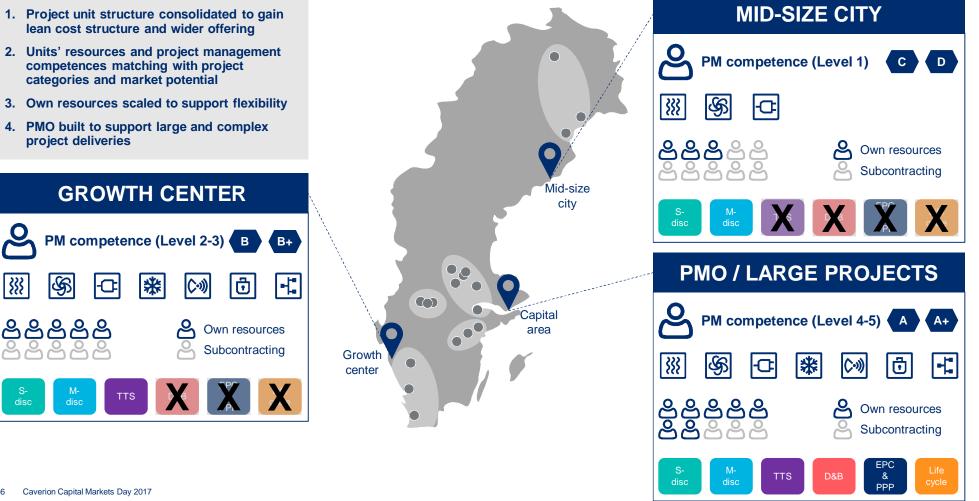
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3 Clear competence development path for project managers; competence levels directly linked to project categories



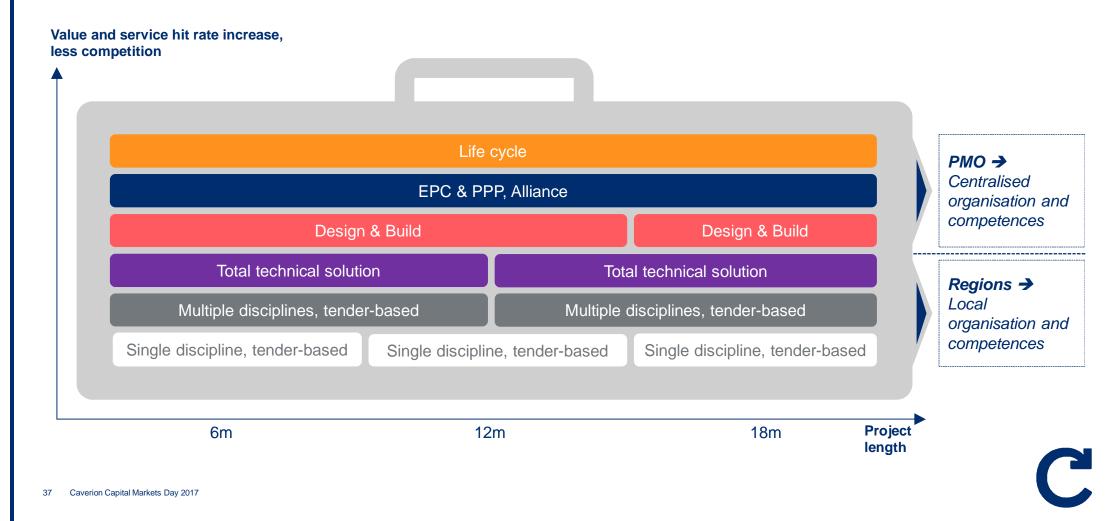
Working with the customer

Strategic resource planning in practice (illustration Sweden)



4 Building a portfolio with an optimal mix of projects

Balancing duration with risk & reward



Delivering our selective and disciplined strategy in Projects



Case study: Turnaround Norway

Knut Gaaserud Division Denmark-Norway

Carcioil

Life Cycle Solutions for Buildings and Industries

Delivering the turnaround in Norway

What went wrong in earlier years?

1

2

Actions that were implemented

ext stens the

3

Next steps that will take us further



Brief overview of the Norwegian market and Caverion's position

The market is at a generally good level with some regional differences Oil industry impact Public investments **Business mix** Services in Norway 60% Low unemployment Projects 40 % Caverion has a strong position - among top 3 of technical players Big cities – broad coverage – but huge geographical distances **Top-3 market position in Norway** Market share 9-10% (>30% in some > 2,500 local markets) Company Revenue mEUR employees Solid and profitable service business 1. Bravida+Oras Revenue 500 EURm 2. GK Many D&B projects to both private 200-500 EURm **Revenue of** 50-200 EURm 3. Caverion and public sector **EUR 360m** 4. Coor in 2016 Innovative and solid 5. OneCo

What went wrong over the last years?

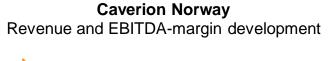
- Big project losses from complex projects delivered from too many units – lack of competence and governance
- Some poor acquisitions required a lot of management focus
- Wrong cost structure too many people leading to low utilisation
- Lack of strong leaders in some regions

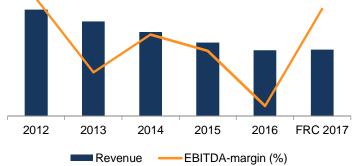
Recap: Region overview from 2014

District	Status
North	
Mid	
West	
South-West	
South	
East	

Selectivity in Projects – Focus in Services growth Key implemented actions

- Changed management and organisation structure
- 2 Established PMO and strong governance on project tendering
- Increased invoicing speed and quality
- 4 Improved service culture





Implemented actions Changed management, organisational structure and cost level

Right management – strong leadership team

- Visible management role models in all regions
- Strong culture with clear targets and follow-up, performance management

Right cost level and organisation structure increase competitive edge

- Reduced from 6 to 3 regions to harmonise and optimise use of resources
- Obtained YTD higher revenue with 10% less people than last year
- Closed, merged or sold unprofitable units
- Reduced support functions



2 Implemented actions Established PMO and strong governance on project tendering

Project Management Office (PMO) established

- Implemented processes and tools from Group
- Risk review of all big tenders
- Use of external experts where needed

Reduced number of units that are allowed to tender > 1 MEUR projects

- Reduced project units by approximately 50% only 8 units are qualified for delivering complex tenders today – many of these are delivering good results
- Increased sharing of best practise

3

Implemented actions Increased invoicing speed and quality

Improved cash flow significantly

- Established centralised invoicing team to obtain increased flexibility, efficiency and sharing of experience
- Invoiced smaller items that were 'forgotten' earlier
- Raised awareness of the whole invoicing chain from technician to electronic invoice
- Improved payment terms
- Focused on solving old trade receivables and disputes



Implemented actions Improved culture

Improved service culture

- Implemented campaigns to engage technicians in customer service
- Established performance management culture
- Focused on promoting ServiFlex service agreements
- Conducted reviews in our Caverion offices with many of the 7000+ ServiFlex customers





Case study – Farriseidet, close to completion Large and complex tunnel project

- Revenue of approximately EUR 35 million
- Railway project, 23 km double-lined railway, including 7 long tunnels and electrical installations in 21 technical buildings
- Very tight logistics
- Delivered according to plan in 2016-2017
- Great reference in the tunnel business for the future





Implementing our strategy towards 2020 in Norway



Excellent customer experience

- Continue our service culture program
- Increase value-based sales less tender-based projects



Best solutions

- Launch of ServiFlex+ towards our strong service customer base
- Own solutions for indoor climate
- Growth in FM and digital services



Top performance at every level

- Roll out Caverion performance management programme
- Enhanced business unit focus drive sharing of best practises across regions



Winning team

- Leadership training
- Raise innovation and engagement through new communication channels



Reaching financial targets through Must-Wins

Martti Ala-Härkönen CFO

Caverion's Must-Wins will deliver the financial targets

1

Group Must-Wins address the most relevant improvement areas for Caverion and will be implemented at every level across the organisation

2

Performance management is pivotal in reaching the targets in the "Fit" phase of our strategy

(3)

Other Must-Wins will deliver particularly in the "Growth" phase of our strategy

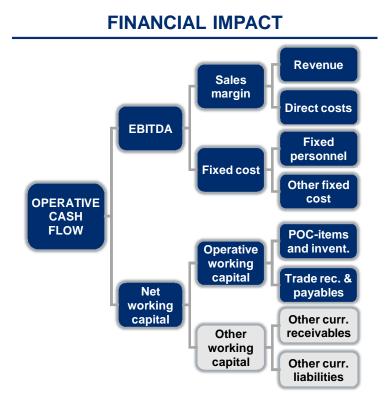


Comprehensive internal top-down and down-top process to select the Must-Wins

	Designed and approved by key Caverion personnel	Understandable, communicable and focused	Addresses the most relevant improvement areas for the company
<u>ک</u>	Develop clear and measurable targets	Has clear and sustainable profitability impact	Main and operations
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1 Must-Wins will enable Caverion to deliver its financial targets



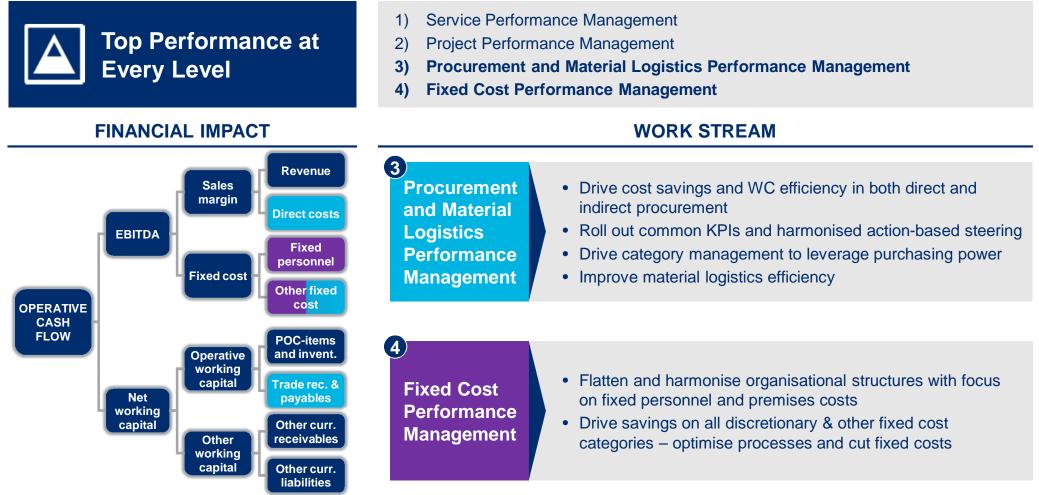


All relevant income statement and balance sheet items are addressed through Must-Wins in order to achieve the Group financial targets

Performance Management of Business Unit initiatives

1) **Service Performance Management Top Performance at Project Performance Management** 2) **Every Level** Procurement and Material Logistics Performance Management 3) 4) **Fixed Cost Performance Management WORK STREAM FINANCIAL IMPACT** 1 Revenue Sales · Roll out a harmonised, action-based Service business margin **Service** performance management model Direct costs Performance Roll out common KPIs, steering model, meeting protocols & **EBITDA Fixed** prodecures as well as incentives Management personnel Target: Strong impact on all P/L items and OWC Fixed cost Other fixed cost OPERATIVE CASH FLOW POC-items 2 and invent. Operative Roll out Project performance management model working capital Trade rec. & Project Project selectiveness through clear categorisation Net payables Performance working Roll out common KPIs and project review metrics capital Other curr. Management • Target: Strong impact on all P/L items and OWC, improve receivables Other working project portfolio and resource management capital Other curr. liabilities

Performance Management of procurement/fixed cost initiatives

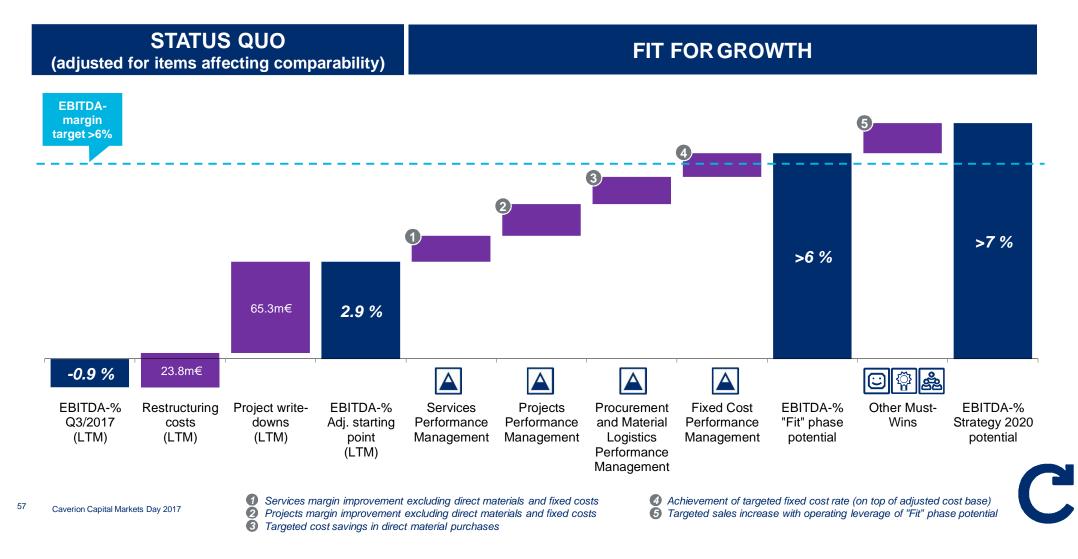


Other Must-Wins will deliver particularly in the "Growth" phase

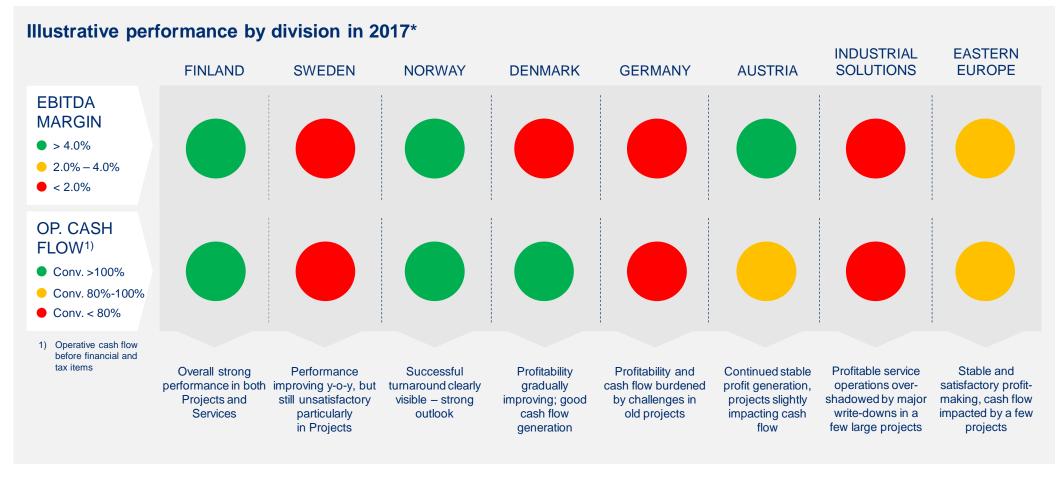


A clear plan to improve profitability with the new strategy

Projection of potential of the new strategy on EBITDA margin



Divisional performance overshadowed by challenges in legacy projects Sweden, Germany and Industrial Solutions: Restructuring actions nearing completion

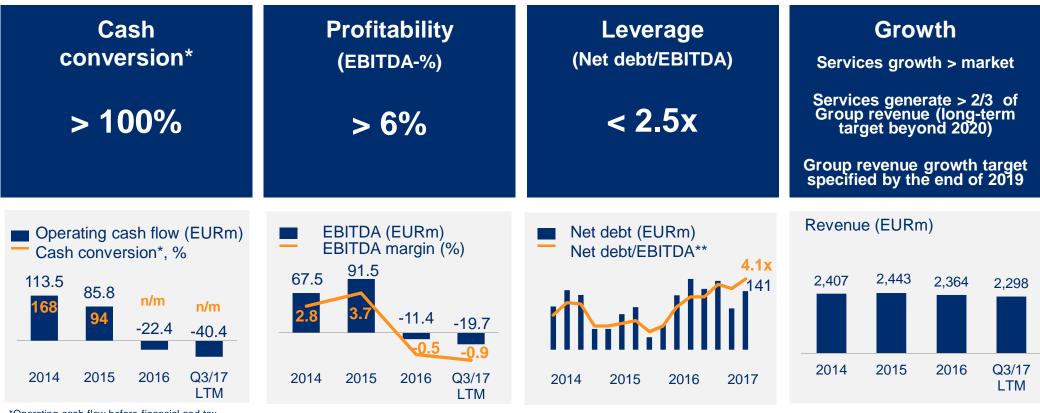


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* Management estimate on divisions' current annualised performance

Caverion's updated financial targets until the end of 2020

During the "Fit" phase focus on Cash Conversion and EBITDA

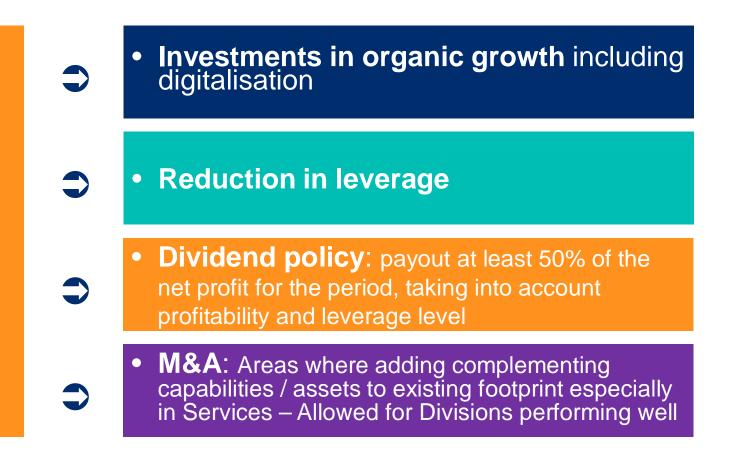


^{*}Operating cash flow before financial and tax items / EBITDA

** According to agreed calculation principles

Capital allocation principles

#1 Financial target:> 100% cashconversion



Must-Wins will deliver the targets and make Caverion Fit for Growth

1

Group Must-Wins address the most relevant improvement areas for Caverion and will be implemented at every level across the organisation

2)

Performance management is pivotal in reaching the targets in the "Fit" phase of our strategy

3)

Other Must-Wins will deliver particularly in the "Growth" phase of our strategy

Must-Wins will enable Caverion to deliver its financial targets





A clear plan to improve profitability with the new strategy Projection of potential of the new strategy on EBITDA margin

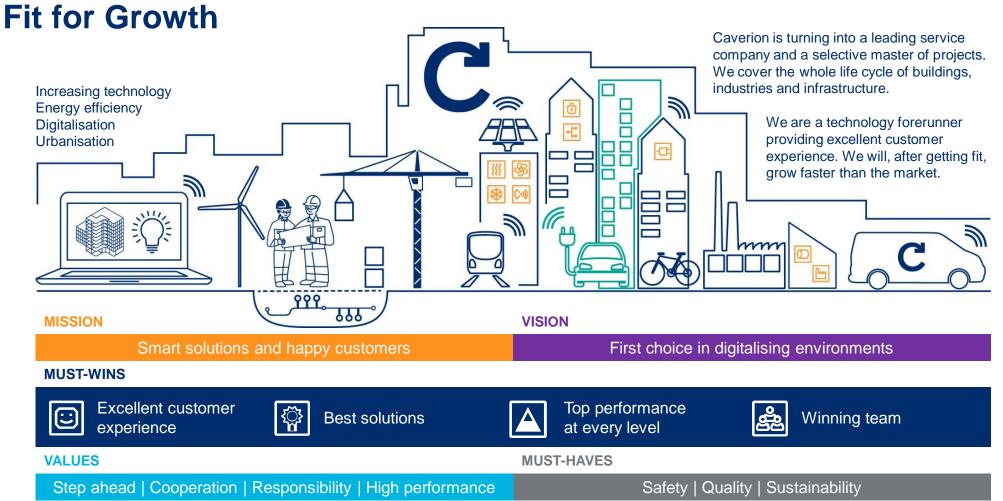




Summary of the CMD 2017

Ari Lehtoranta President and CEO





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Key investment highlights

- **1**. Megatrends support the future demand of our business
- **2**. Positive market sentiment in all of our key markets
- **3**. Technology forerunner that will, after getting fit, grow faster than the market
 - Diversified client base in Central and Northern Europe
- 5. Well-performing Services, actions ongoing to improve profitability in Projects
- 6.
- Operating in asset-light, cash generative business
- Our 16,500 employees are our most important asset



Cash conversion* > 100% Profitability (EBITDA-%) > 6%

Leverage (Net debt/EBITDA)

< 2.5x

Growth

Services growth > market Services generate > 2/3

of Group revenue (longterm target beyond 2020)

Group revenue growth target specified by the end of 2019

*) Operating cash flow before financial and tax items / EBITDA



Site visit introduction

Ville Tamminen Division Finland



7

Site visit agenda

1.00 p.m.	Bus transfer, Departure from Clarion, Tyynenmerenkatu 2, Helsinki
SITE VISITS 1.30 p.m. – 2.30 p.m.	Life cycle project: Lintuvaara School, Lintuparvenpuisto 5, Espoo Bus transfer
2.45 p.m. – 3.30 p.m.	Remote management centre & HelpDesk, Torpantie 2, Vantaa Bus transfer
Arrival 4.00 p.m.	Helsinki-Vantaa Airport



Lintuvaara school and day care centre in Espoo, Finland

- Contract: Renovation and expansion of Lintuvaara school and day care centre in Espoo, Finland, using the life cycle model (announced 8/2013)
- Client: City of Espoo
- The project was implemented in cooperation with YIT.
- The total value of the contract was over EUR 30 million, of which Caverion's share was over EUR 16 million.



- The contract included the delivery of building systems and a 25-year service and technical maintenance and Managed Services agreement.
- Caverion is responsible for the effectiveness, usability, condition and energy management of the premises for the full duration of the life cycle contract.
- The project phase was completed in 2015 and the school is now operational.

Lintuvaara school and day care centre in Espoo, Finland

- Original school built in 1955/1957
- Total area 8,460 sqm
 - Original building 3,820 sqm
 - Extension 4,640 sqm
- Degree of renovation 85%
- 25-year agreement
- Focus on usability/safety /energy efficiency
- 501 school pupils and 54 preschool children





Key points for the maintenance phase

- Preventive maintenance
- On-call works
- Energy management and monitoring
- Long term maintenance planning (50/50 bonus possible through LTP savings)
- Technical and structural DD required at 9, 15 and 21 years
- Indoor air quality monitoring by remote facility management
- User satisfaction surveys will be done yearly