

SNC LAVALIN Building What Matters

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Disruption Challenge

Earnings Path

Post-Merger Integration

- How will digital transformation affect the business?
- How does the funding future look like?
- ➤ How can we make full use of Atkins' acquisition?

Problem

Disruption Challenge

Earnings Path

Post-Merger Integration

Al Niche Areas Development Al-Driven Operational Excellence

Culture-Driven
People & Synergy
Program



Strengths

- Merger-integration experience
- Openness to innovation captured in corporate culture and vision statement
- High diversification across sectors
- Strong relationships with investors
- Strong engineering and AI expertise

Weaknesses

- No focus on digital transformation
- Large percentage of reimbursable & engineering service contracts (75%)
- Upcoming debt maturity challenge



Opportunities

- Digital transformation uncovering new opportunities in e.g. Al
- Increased need for (urban) construction due to growing global population
- Poor productivity in the construction sector
- Low adoption of new AI technologies

Threats

- Digital transformation causing rapid changes in the market
- New players entering the market, e.g. Upwork
- Huge increase in investment in construction technology from 2017 to 2018 (+80%)
- ARUP, Bechtel, AutoDesk, BV competing for disruption

Strategic Alternatives: Six strategic alternatives have been considered to address the identified challenges SNC Lavalin has to overcome



STRATEGY	Customer Fit	Strategic Fit	Feasibility	Profitability	Innovation Level	Cultural Fit	TOTAL
M&A	+	×	×	+	×	×	×
Disruptive pricing model	×	+	×	×	+	×	×
Geographical, sector expansion	+	×	×	×	×	×	×
Al niche areas development	+	+	+	×	+	×	+
AI-driven operational excellence	+	+	+	+	+	×	+
Culture-driven people & synergy program	+	+	+	×	×	+	+

Implementation (1/3): Al Niche Area Development



WHAT

> Develop niche AI capabilities in supply chain optimization and marketplaces

WHY

Important for cost efficiencies and ability of wide application across sectors/industries

Implementation (1/3): Al Niche Area Development



HOW

- 1. Form a cross-sector team of AI talent
- 2. Identify key pain points and efficiency opportunities that can be addressed by AI
- 3. Use the fixed-price contracts to confirm and improve AI algorithms while using data across the company
- 4. Launch an AI incubator program that focuses in the areas of interest and secure proprietary access to new technologies
- 5. Aim for a 10% stake in the incubated start-ups in the start
- 6. Use investor network to secure follow-up funding
- 7. Provide a team of experts in legal, marketing, HR, business development and operations
- 8. Implement new technologies using a phased approach before rolling out to all sectors
- 9. Bundle these technologies into solutions for industry to increase revenue streams

Implementation (2/3): Al-Driven Operational Excellence



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WHAT

> Take lead in AI-driven operational excellence and promote attractive EPC fixed pricing contracts

WHY

➤ Gain a competitive edge over disruption challenges, e.g. freelancers, consultants by offering high-quality, innovative solutions



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HOW

- 1. Utilize supply optimization solution to share real-time information internally and externally
- 2. Identify fixed-price contracts to test algorithms that prioritize implementation
- 3. Prioritize projects by going for fixed-price contracts
- 4. Form a specialized team by conducting trainings for engineers about AI and deep-tech
- 5. Apply a phased approach based on country and project, e.g. Canada, then UK, then Middle-East
- 6. Educate a fixed-pricing program for EPC to sales and marketing teams

WHAT

Initiate a merge-integration strategy that aims at bringing the two firms together to maintain employee satisfaction

WHY

- Overcome integration risks, e.g. resistance by employees and allow for efficient synergies
- Improve staff loyalty in the changing landscape, e.g. freelancer risk

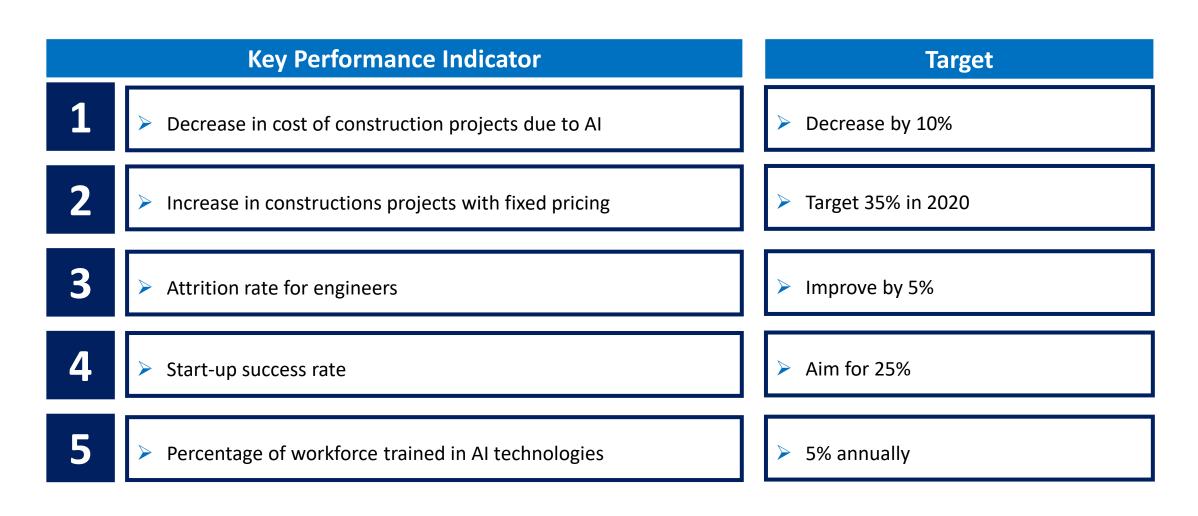
HOW

- 1. Invite a merger-experienced speaker and consultant from outside, e.g. Prof. Guido Gianasso (expert in cultural CQ who used to work at IATA)
- 2. Implement cross-organizational performance incentives to ensure collaboration
- 3. Execute quarterly integration events, e.g. dinner and dance
- 4. Track employee satisfaction using online tools to identify key pain points early
- 5. Provide 1-1 consultations where possible
- 6. Maintain transparent, timely communication across both organizations
- 7. Have quarterly engagement sessions to update staff on upcoming digital transformation efforts to improve buy-in

Key Performance Indicators: The following metrics allow SNC Lavalin to track the success of the suggested strategies



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Timeline: The following 3-year schedule illustrates how the suggested strategic steps should be carried out



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AI NICHE DEVELOPMENT Form cross-team and identify pain points Implement AI initiatives in fixed-price contracts Form AI incubator Bundle solutions for industry OPERATIONAL EXCELLENCE Training for engineering staff Training for marketing and sales CULTURE PROGRAM Integration events	00	l											
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Training for marketing and sales CULTURE PROGRAM Integration events	OPERATIONAL EXCELLENCE												
CULTURE PROGRAM Integration events	Training for engineering staff												
Integration events	Training for marketing and sales												
	CULTURE PROGRAM												
Quarterly engagement sessions	Integration events												
Quarterly engagement sessions	Quarterly engagement sessions												
Consultant for satisfaction	Consultant for satisfaction												

Recommendation Analysis Alternatives Implementation

Financials Contingencies

Financial Analysis: Forecasting shows that an EPS of 5.87 is achievable in 2020



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Financial Projection (in M\$)									CAGR					
E&C	2013	2014	2015	2016	2017	2018	2019	2020	Trends	2017	2018	2019	2020	Trends
Revenues	7,149	7,335	9,364	8,233	9,097	10,250	11,275	12,741		10%	13%	10%	13%	
EBITDA		2.10%	4.60%	4.50%	6.90%	8.49%	11.29%	15%		53%	23%	33%	35%	
Net Income	(133.7)	54.9	201.9	226.4	351.3	475.0	679.2	997.8		55%	35%	43%	47%	
Net Income %		0.75%	2.16%	2.75%	3.86%	4.63%	6.02%	7.83%		40%	20%	30%	30%	
EPS(\$)		0.36	1.34	1.51	2.15	2.90	4.09	5.87	1					
Total Shares (in Mil)		153	151	150	163	164	166	170						

Key highlights

EBITDA Increase driven by

Cost Reduction:

- AI in supply chain
- Increased Synergies

Revenue Increase:

- New Revenue Stream by AI Solution to customers
- 75/25 Ratio currently to 65/25 in 2020

Problem Recommendation Analysis Alternatives Implementation

Financials

Contingencies Conclusion



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Upcoming Maturing Debt									
In M\$	Timefram	e							
	Jul-19	350	6.19%						
	Mar-19	150	Floating						
	Jun-19	150	Floating						
	Nov-20	300	2.69%						
	Dec-20	300	4.99%						
Total		1250							
	Mar-21	175	Floating						
	Dec-21	608	5.33%						
	Dec-22	300	2.47%						
	Mar-23	200	3.24%						
Total		1283							

Key highlights

Floating Rates Increasing Restructure the debt Profile to fixed in 2020

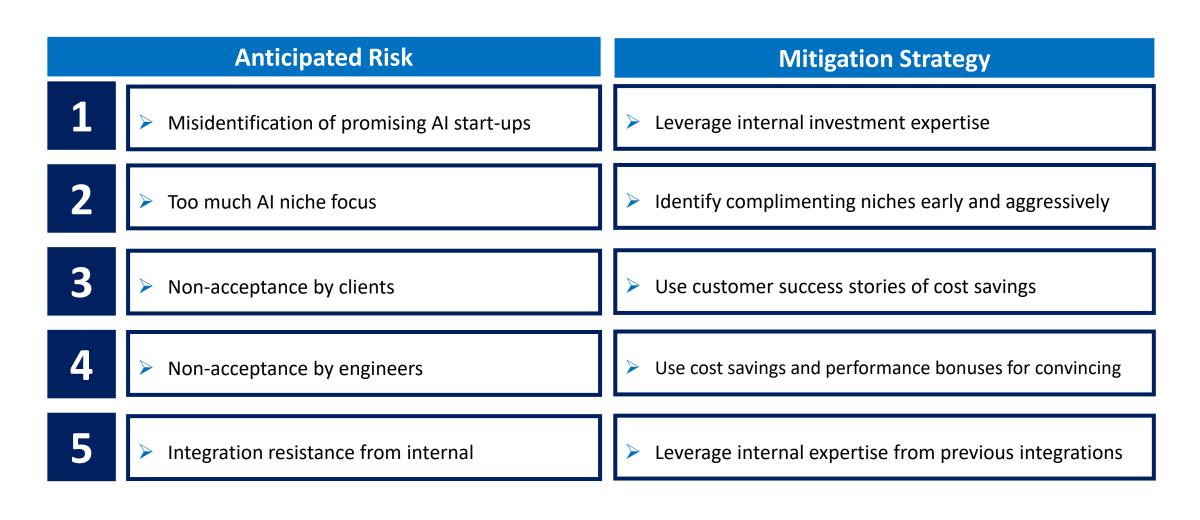
Control Costs Well Keep improving the operational excellence program Focus on smart low capital investment like the incubators

Will ensure good credit Rating in 2020

Contingency Plan: The following risks are anticipated and need to be overcome to ensure the success of the suggested strategies



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THANK YOU FOR YOUR ATTENTION

We now welcome any questions you may have.