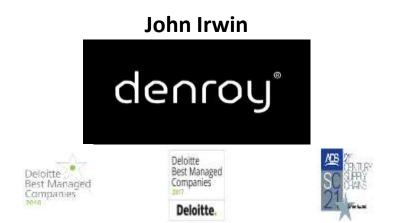






Achieving Supply Chain Excellence – Best Practice

Titanic Centre Belfast, 30th-31st January 2018



The Denroy Group

- Established in 1972, the group is privately owned
- Denroy Plastics Ltd & Denman International Ltd
- Sales offices in London, Boston and Amsterdam



denroy





- 2017 turnover approx. £20m of which 50% will be haircare and the remainder industrial sales including aerospace & defence, automotive, medical products and custom mouldings
- 220 staff across the group

Product Examples

denroy









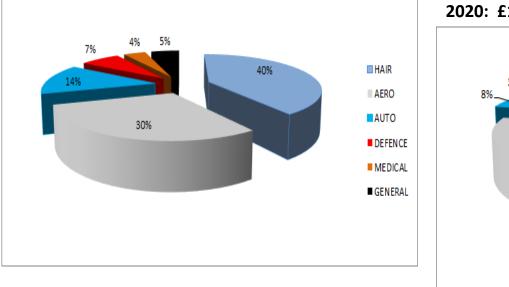




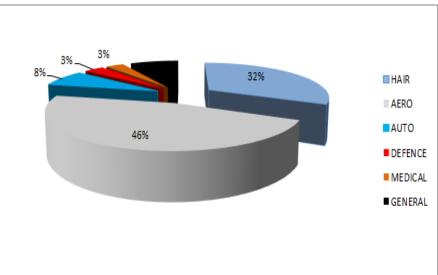
Denroy Strategy

• Increase turnover from £7.5m in 2013 to £14m by 2020 with a focus on the aerospace sector

2013: £7.5m, Aerospace 30%



2020: £14m, Aerospace 46%



Demands of the Aerospace Industry

Quality

On Time & In Full Deliveries

Competitive Pricing



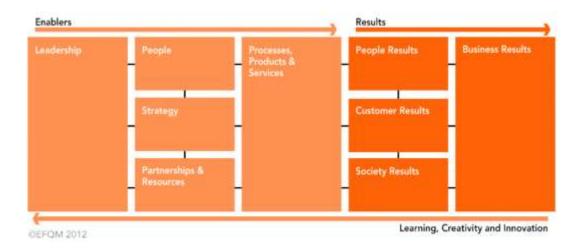
SC21

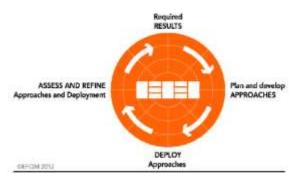
Best Practice Framework

Delivers Aerospace Requirements

Innovative Supply Chain

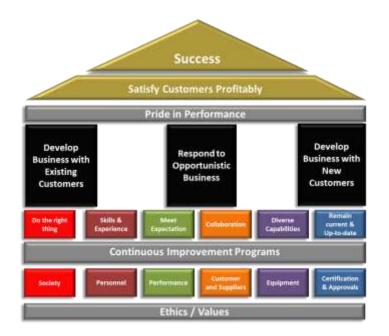
Business Excellence: EFQM





Strategic Planning

- The Denroy 'Strategic House'
- Set the ethics underpinning the business
- Strategic Enablers
- Results Focussed
- Culture of performance
- Culture of participation
- Culture of security and belonging
- Pride in Performance



Strategic Alignment

- Make the company strategy and objectives clear and ensure that each team member knows what these are
- Make sure people know how they contribute and how they are performing



istrategic Bala	nced Scorecard							
	Strategic Objective	Monthly Departmental KPI's	Responsibility For Measure	Benchmark	2017	2018	2019	
		Monthly 5s Audits x5	MMcC,NB,MMcG,DD,JK,PM					
		WIP Stocks	PM					
		Moulding OEE	MMcG	65-70%	-			
		Bristling OEE	DD	65-70%			Lean - RADAR	
		Supplier RMM	PM,AC		-			
		% Procurement Savings	PM, AC		Complete implementation of all aspects of			
	Full Implementation of DPL Lean House	Internal System audits complete	NB		DPL Lean House. Use RADAR & CSIP to review	Lean - RADAR		
		Maintenance Downtime	MMcG		& amend.			
B (1,,1)		Tooling Downtime	MMcG		-		i	
Processes(Lean)		Relex Partner Reviews	MMcC, NB, JK, MMcG		-			
		Re-Processing Material Savings	DD	-				
			DD		-			
		Scrap		-				
	BCP	Annual Review	11		Complete	RADAR	RADAR	
	Certification & Approvals	Maintained Level	NB		All Relevant Accreditation & Approvals	All Relevant Accreditation & Approvals	All Relevant Accreditation & Approvals	
		Enquiry Stage, enquiry received - build quote delivered to tech sales. On time	MMcC		On Time	On Time	On Time	
	Effective New Product Introduction	Live Project Stage, release data submitted to tool-maker - T1 date. On time	MMcC			on mile		
		New Denman products launched	СВО		5	5	5	
		Monthly Invoiced	јк					
		Orders Received	јк		ן ו		1	
	Maintain & Expand Existing Customer Base	Enquiries Received	JK		T/O 9.65m	T/O £11m	T/O £12.45m	
		Customer RMM / Surveys	JK		.,	.,	.,	
		New Denman Product Sales	СВО		1			
		Customer Visits	JK					
Customer		Trade Events / PR Events	1K 1K		-			
(Customer Results)	Develop New Customers		1K 1V		5	5	5	
		New Customers Registered			-			
		External Tooling Repairs	JK / MMcG					
	Quality & Delivery Performance	Planning Record Checks	MMcG		_		control de la la control de	
		On Time In Full	DD	97.49%	SC21 Silver Level Standard & EFQM Gold	SC21 Gold Level Standard	SC21 Gold Level Standard	
		Number of escapes/NCR's	NB				ł	
	R&D Projects	Number of Live Projects	NB, MMcC		2	2	2	
		Turnover	KMN					
		Contribution	KMN					
		Trading profit	KMN				£XXXX	
		PBT	KMN		-			
		Cost reduction on current Denman products	СВО		£XXXX	£XXXX		
		Increase Contrubution for Year	СВО		-			
Finance (Business		Cost of Quality	NB					
Results)		YOY Maintenance cost reduction	MMcG		-			
Results)								
	Achieve Rechargeable Tooling profit	Rechargeable Tooling Profit	KMN		£XXXX	£XXXX	£XXXX	
		Cycle Time, quoted vs actual.	MMcC				+	
		Working Capital % Sales	KMN				X%	
	Working Capital as percentage of Sales	Debtor days (12 Month)	KMN	30-45 days	×%	X%		
	Working cupital as percentage of sales	Creditor days (12 Month)	KMN				700	
		Stock turns metric (12 Month)	KMN					
	Technological Innovation (M/CAverage Age)	Machinery Average Age	MMcG	9.3yrs				
			MMcG		16	15	14	
	recimological innovation (in criterage rige)	No.Trade Shows Attended						
	reamonogical innovation (in criteriage Age)	No.Trade Shows Attended Student & Denman Tours						
		Student & Denman Tours	MMcG / CBO		_			
	Deliver Benefit to External Stakeholders	Student & Denman Tours Coustomer and supplier External visits	MMcG / CBO CBO		Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	
		Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity	MMcG / CBO		Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	
		Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations	MMcG / CBO CBO JI, RO JI		Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	
		Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training £/Person	MMcG / CBO CBO JI, RO JI RO		Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	Achieve 5 In Visitor Feedback Form	
Learning & Growth		Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charty & Support for Other Organisations Training E/Person Training Plan	MMcG / CBO CBO JI, RO JI RO MMcC, MMcG, DD, NB, RO, JK, PM		-			
(People & Society	Deliver Benefit to External Stakeholders	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training flamerson Training Plan Training Plan	MMcG / CBO CBO JI, RO JI RO MMcC, MMcG, DD, NB, RO, JK, PM CCBO		Achieve 5 In Visitor Feedback Form Right People, Right Place, Right Time	Achieve 5 In Visitor Feedback Form Right People, Right Place, Right Time	Achieve 5 In Visitor Feedback Form Right People, Right Place, Right Time	
	Deliver Benefit to External Stakeholders	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training /Person Training Plan Training hours & Staff Trained	MMxG / CBO CBO JI, RO JI RO MMxC, MMxG, DD, NB, RO, JK, PM CBO RO		-			
(People & Society	Deliver Benefit to External Stakeholders	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training Flan Training flan Training hours % Staff Trained No. Accidents	MMxCG / CBO (CBO JI, RO JI RO MMxCC, MMxCG, DD, NB, RO, JK, PM (CBO RO RO RO	23	-			
(People & Society	Deliver Benefit to External Stakeholders Training	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training /Person Training Plan Training hours & Staff Trained	MMxcG / CBO (CBO J), RO JI RO MMxcC, MMxcG, DD, NB, RO, JK, PM (CBO RO RO RO RO RO	23	Right People, Right Place, Right Time	Right People, Right Place, Right Time	Right People, Right Place, Right Time	
(People & Society	Deliver Benefit to External Stakeholders	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training Flan Training flan Training hours % Staff Trained No. Accidents	MMxCG / CBO (CBO JI, RO JI RO MMxCC, MMxCG, DD, NB, RO, JK, PM (CBO RO RO RO	23	-			
(People & Society	Deliver Benefit to External Stakeholders Training	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training Planerson Training Plan Training Planus % Staff Trained No. Accidents Monthly H&S Audits	MMxcG / CBO (CBO J), RO JI RO MMxcC, MMxcG, DD, NB, RO, JK, PM (CBO RO RO RO RO RO	23	Right People, Right Place, Right Time	Right People, Right Place, Right Time	Right People, Right Place, Right Time	
(People & Society	Deliver Benefit to External Stakeholders Training Safe Working Environment (No. Accidents)	Student & Denman Tours Coustomer and supplier Statemal visits School & University Linked Activity Charty & Support for Other Organisations Training flareson Training Plan Training Han Training Han Statematic Statematics % Staff Trained No. Accidents Monthly H&S Audits Misk Assessments & SWP's Completed No. Reportable Accidents	MMxcG / CBO CBO JI, RO JI RO MMxcC, MMxcG, DD, NB, RO, JK, PM CBO RO RO RO RO RO RO RO		Right People, Right Place, Right Time	Right People, Right Place, Right Time 0	Right People, Right Place, Right Time	
(People & Society	Deliver Benefit to External Stakeholders Training	Student & Denman Tours Coustomer and supplier External visits School & University Linked Activity Charity & Support for Other Organisations Training /Person Training /Person Training /Plan Staff Trained No. Accidents Monthly H&S Audits Risk Assessments & SWP's Completed No. Reportable Accidents Employee Opinion Survey	MMxcG / CBO (CBO JI, RO JI RO MMxcC, MMxcG, DD, NB, RO, JK, PM (CBO RO RO RO RO RO RO RO RO RO R	1	Right People, Right Place, Right Time	Right People, Right Place, Right Time	Right People, Right Place, Right Time	
(People & Society	Deliver Benefit to External Stakeholders Training Safe Working Environment (No. Accidents)	Student & Denman Tours Coustomer and supplier Statemal visits School & University Linked Activity Charty & Support for Other Organisations Training flareson Training Plan Training Han Training Han Statematic Statematics % Staff Trained No. Accidents Monthly H&S Audits Misk Assessments & SWP's Completed No. Reportable Accidents	MMxG / CBO CBO JI, RO JI RO CBO RO RO RO RO RO RO RO RO RO RO		Right People, Right Place, Right Time	Right People, Right Place, Right Time 0	Right People, Right Place, Right Time 0	

Manufacturing Excellence

- The Denroy 'Lean House'
- Visual Aid Illustrating Continuous
 Improvement
- Incorporates All Elements of Lean Operations



Lean Approaches

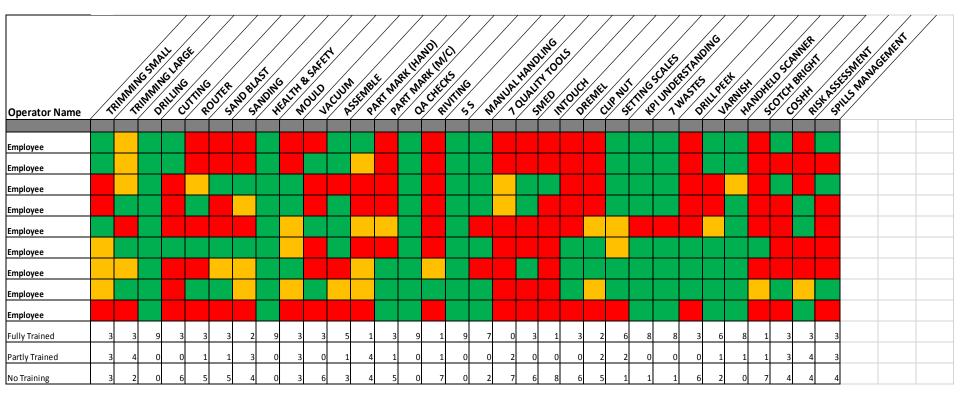
<u>CSIP</u>

		CONTINUOUS IMPROVEMENT PROJECTS - SUMMARY IMPROVEMENT TRACKER									
C.I. Area	Team	Project Title	Project Lead	Start date	Project completion date	Costs to Implement - £	Tangible Benefits - £	Other Benefits	Status	Document Link	

Waste Reduction

REGRIND USAGE DEC 2017	DESCRIPTION	USAGE (KGS)	PRICE VIRGIN MATERIAL	TOTAL VALUE	
RRGPABSJAZZO	ABS REGRIND	750	£1.80	£1,350.00	
RRGPA00000	NYLON REGRIND	111	£1.85	£205.35	
RRGPOLY00MX	POLYPROP REGRIND	965	£1.15	£1,109.75	
RRGPEJAZZ	PE REGRIND	0	£1.36	£0.00	
RPCPBTJAZZ	ENVIROPLAS REGRIND	0	£2.44	£0.00	
AES REGRIND	AES REGRIND	0	£4.50	£0.00	
RTPEJAZZ	TPE REGRIND	100	£3.17	£317.00	
GRAND TOTAL				£2,982.10	

Skills Matrix



Investment



D

£3m + Capex Plan



Training

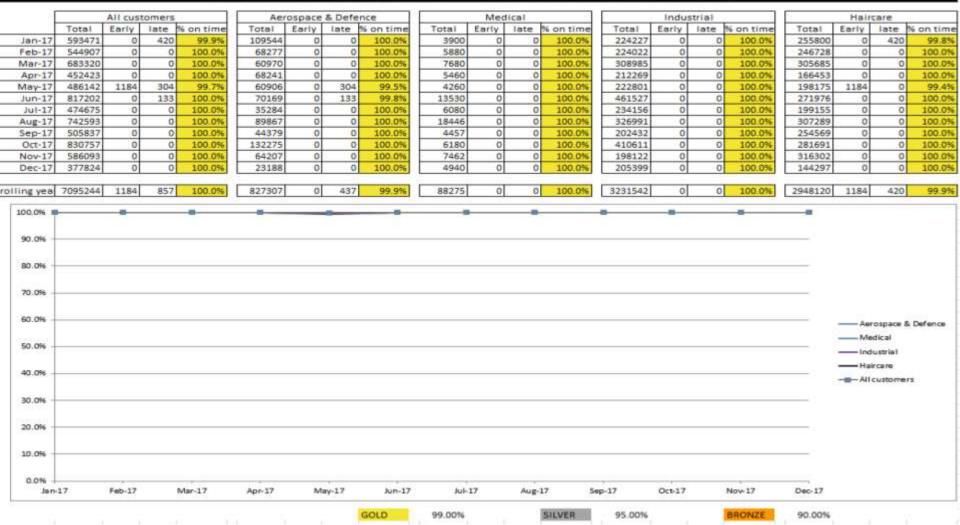


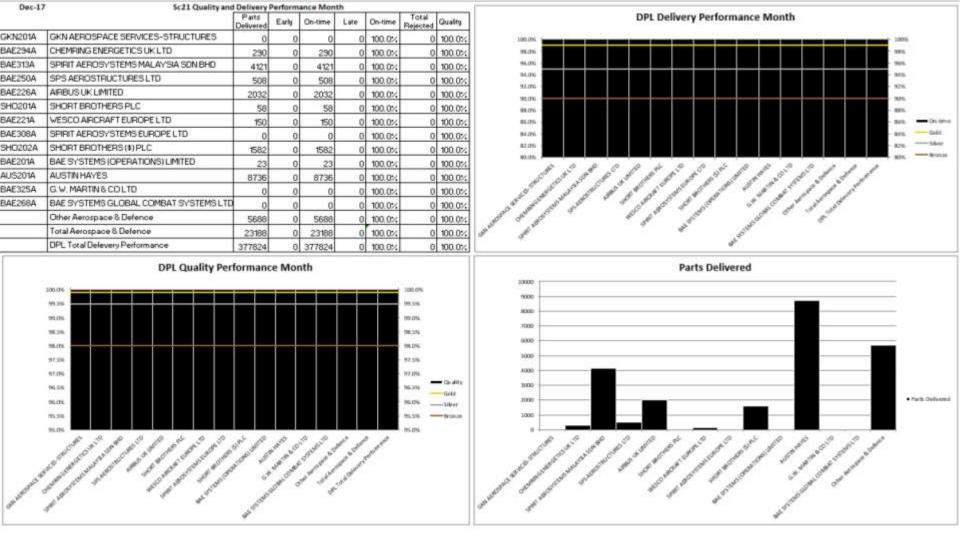
Factory Extension

Relationship Excellence

	PARTNER ANA	YSIS AND SELE	CTION MASTE	R LIST					den	roy	
Interested Party Name	Туре	Strategic Alignment	Synergy	Value Adding	Assessment Score	Rating	Partner Decision Y/N	Partner Type	Assigned to	Date	Target
XXXX	Customer	3	3	3	27			1			
XXXX	Customer	4	3	5	60	Essential	Yes	Customer	JK		
XXXX	Customer	4	3	5	60	Essential	Yes	Customer	JK		
XXXX	Customer	3	2	3	18				-		
XXXX	Customer	3	4	4	48						
xxxx	Customer	4	2	4	32						
XXXX	Customer	3	3	3	27						60
XXXX	Customer	3	2	3	18						
XXXX	Customer	4	4	4	64	Essential	Yes	Customer	JK		
XXXX	Customer	5	5	4	100	Essential	Yes	Customer	JK		
			-	-							
xxxx	Supplier	3	4	4	48	Essential	Yes	Materials	PM		
XXXX	Supplier	2	2	3	12						
XXXX	Supplier	2	2	2	8						
XXXX	Supplier	4	3	4	48						
XXXX	Supplier	4	4	4	64	Essential	ves	Materials	PM		60
XXXX	Supplier	2	2	4	16	Lobernal	yes	Thaterials			
XXXX	Supplier	4	4	4	64	Essential	Yes	Technology	M McC		
XXXX	Supplier	3	3	4	36	Lobernal		Technology	M McC	01/12/17	60
XXXX	Supplier	4	4	3	48			Technology	MMcG	01/12/17	60
XXXX	Supplier	3	4	3	36			Technology	so		00
XXXX	Supplier	3	4	3	36			Technology	MMcG		
70000	Supplier	5	-		50			reennoiogy	IVIIVIEG		
xxxx	Network	2	4	3	24						
XXXX	University	2	4	4	32						
XXXX	University	4	3	4	48						
XXXX	Network	4	4	4	64	Essential	Yes	Knowledge	NB		
XXXX	Network	4	4	4	64	Essential	Yes	R & D	11		
xxxx	Supplier	2	3	3	18	Losentian		1	5.		
	Sappilei	2	5		0						
xxxx	Supplier	5	3	4	60	Essential	Yes	Materials	ΙL		
XXXX	Supplier	3	3	3	27	Losential	105	Wateriais	5.		
	Supplier	3	3		0						
xxxx	Network	4	4	4	64	Essential	Yes	Capacity	l l		
XXXX	Supplier	3	3	3	27	Lasenual	185	Capacity	51		
^^^^	Supplier	3	3	3	21			Capacity			

DELIVERY PERFORMANCE DENROY PLASTICS LTD - SECTOR BREAKDOWN





Denroy SC21 Journey

