



AXXELLO

Engineering and project management expertise for FMCG Industries

Axxello specialises in engineering and project management in FMCG industries. The Axxello team consists of highly qualified individuals, each with a critical industry skill set, that ensure Axxello provides a remarkable service to our clients.



Our primary services offerings

What we do best



Turnkey projects



Site master planning



Root cause analysis



Capacity modelling



Process design



Plant optimisation



Training



Technical due diligence

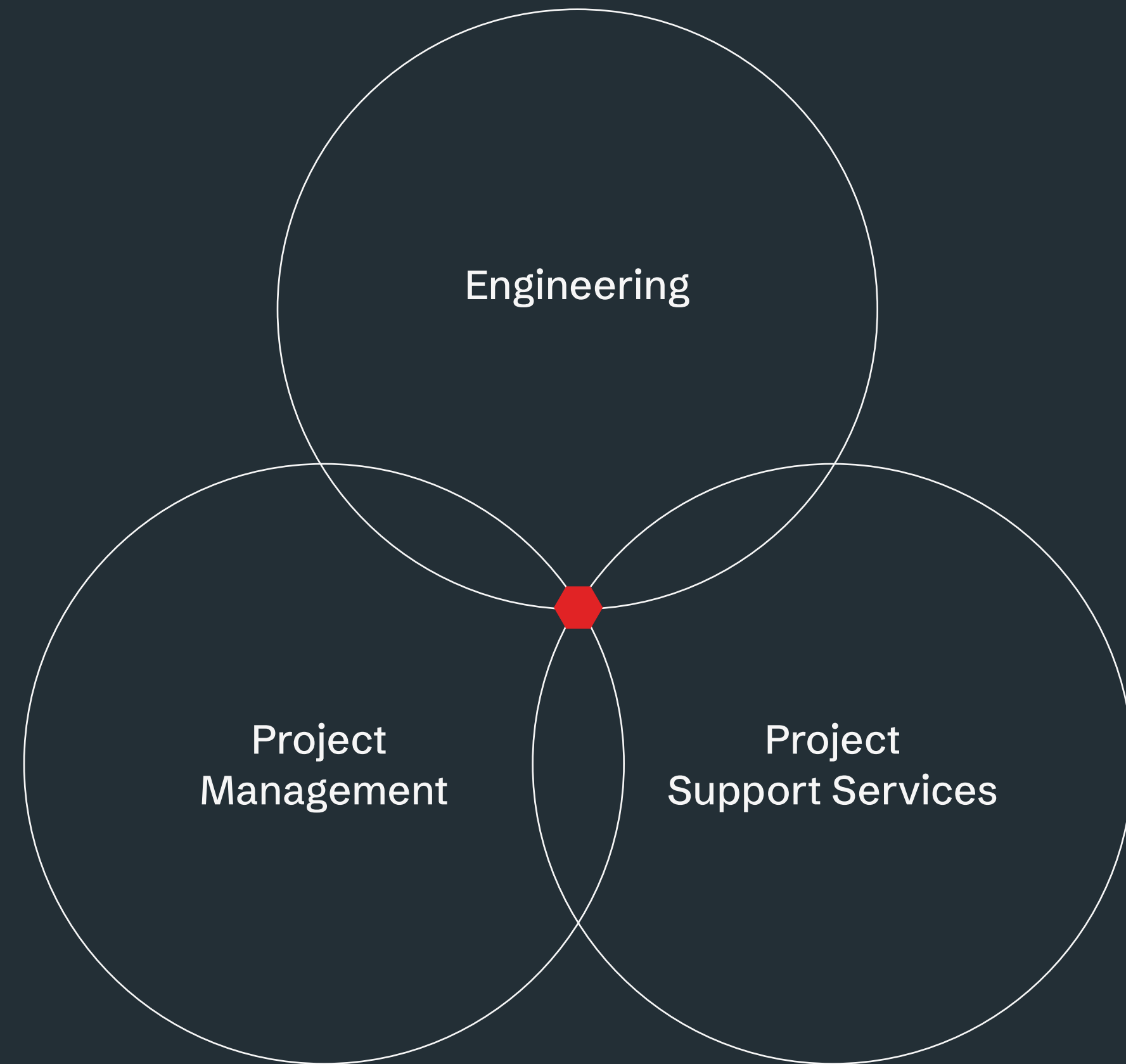


AXXELLO

“We make our clients’ life easier” through a single point of contact

Axxello thrives on providing **holistic solutions** to our clients’ most difficult problems. These solutions strive to **improve on cost, efficiency and quality**. With a notable track record of **timeously completed projects** and **satisfied clients**.

Our biggest growth factors has been the sustainability in **return clients**. A simple motto in our company is **“make our clients’ life easier”**.

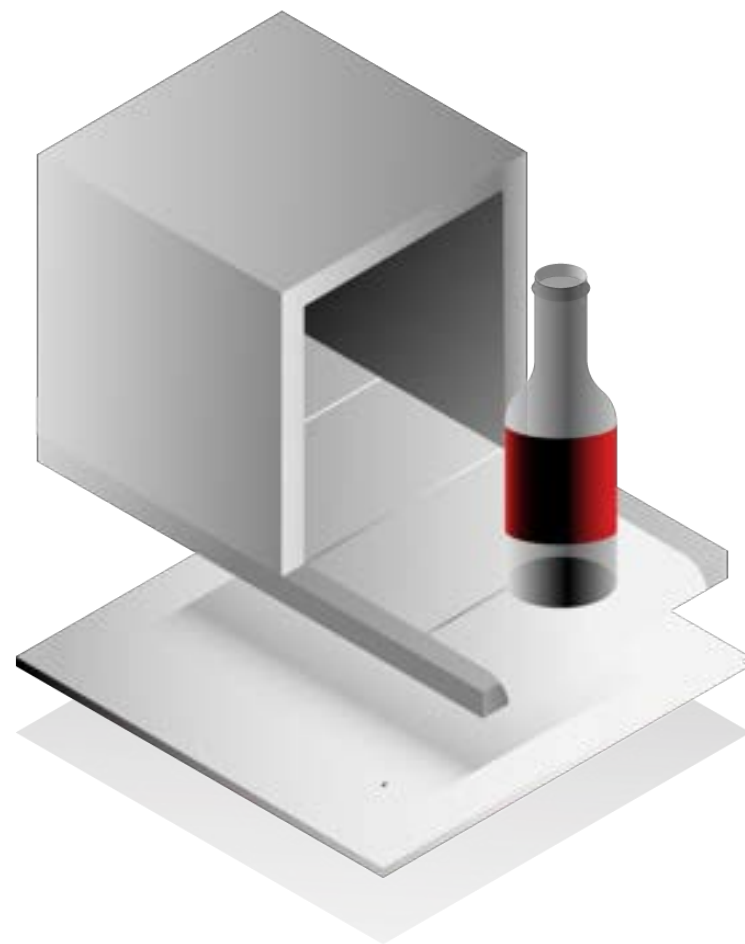


AXXELLO SOLUTIONS

Packaging Engineering

Innovative and efficient packaging solutions.

Axxello Packaging emerged to meet the escalating demand for **specialised and impartial consulting services** in the Fast-Moving Consumer Goods (FMCG) packaging sector. Our team, boasting extensive years of collective employee experience of over 100 years, offers a comprehensive array of services.













AXXELLO SOLUTIONS

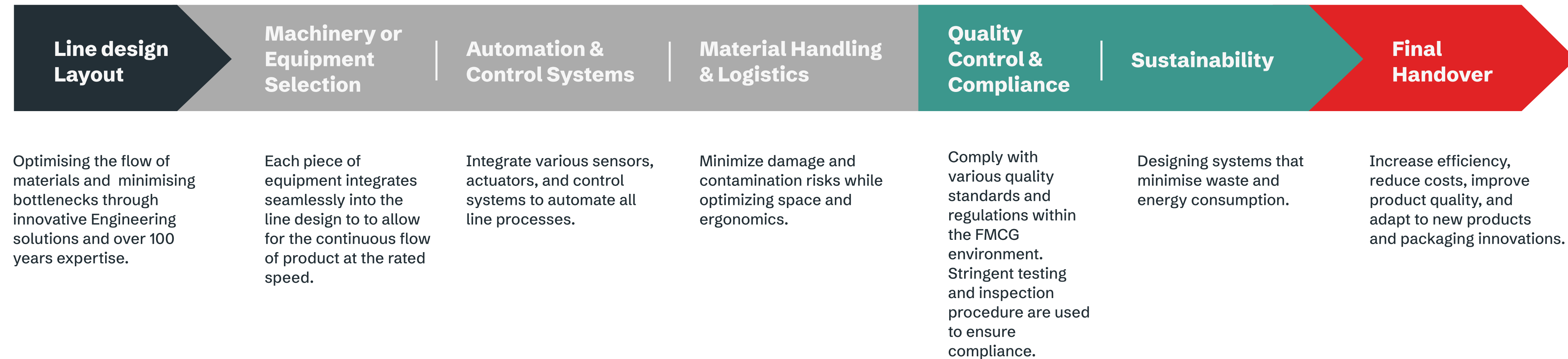
Packaging Engineering

Innovative and efficient packaging solutions.

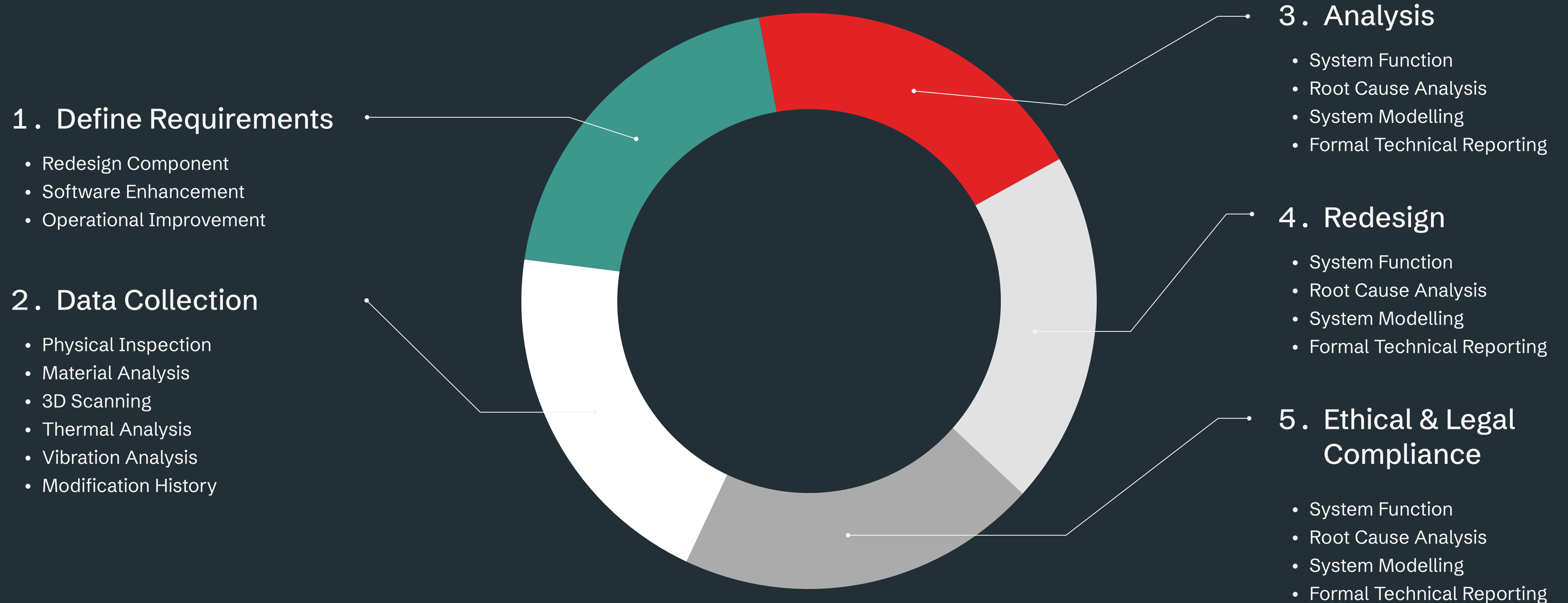
-  Single-point project management
-  Enhancing performance in machinery and processes
-  Designing equipment and reverse engineering
-  Conducting capability studies
-  Auditing production lines and machinery
-  Advising on maintenance management
-  OEM equipment integration
-  Packaging line design from inception to final handover

Axxello Packaging project breakdown

We provide a spectrum of services that span from conceptualisation to ultimate delivery.



Reverse Engineering

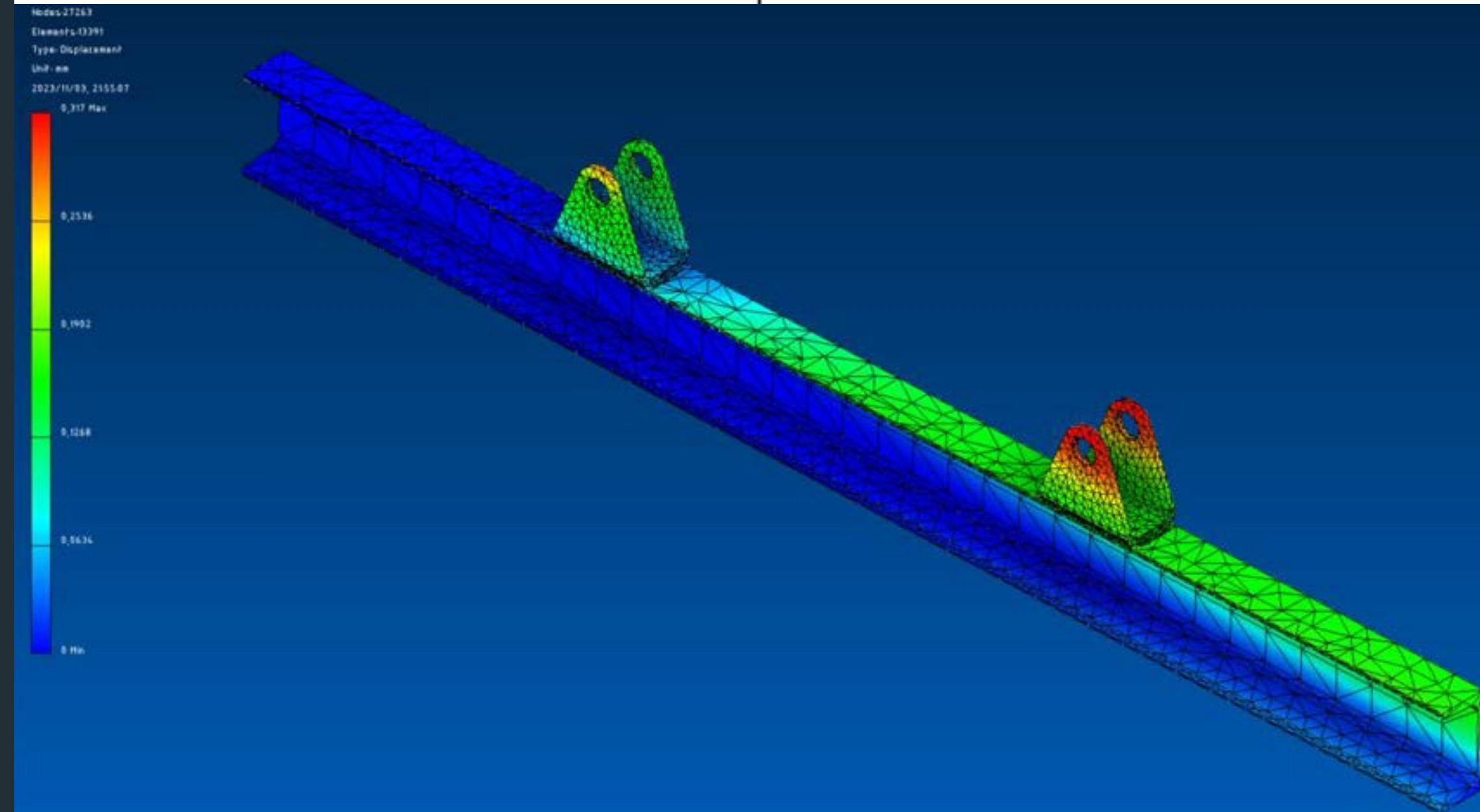
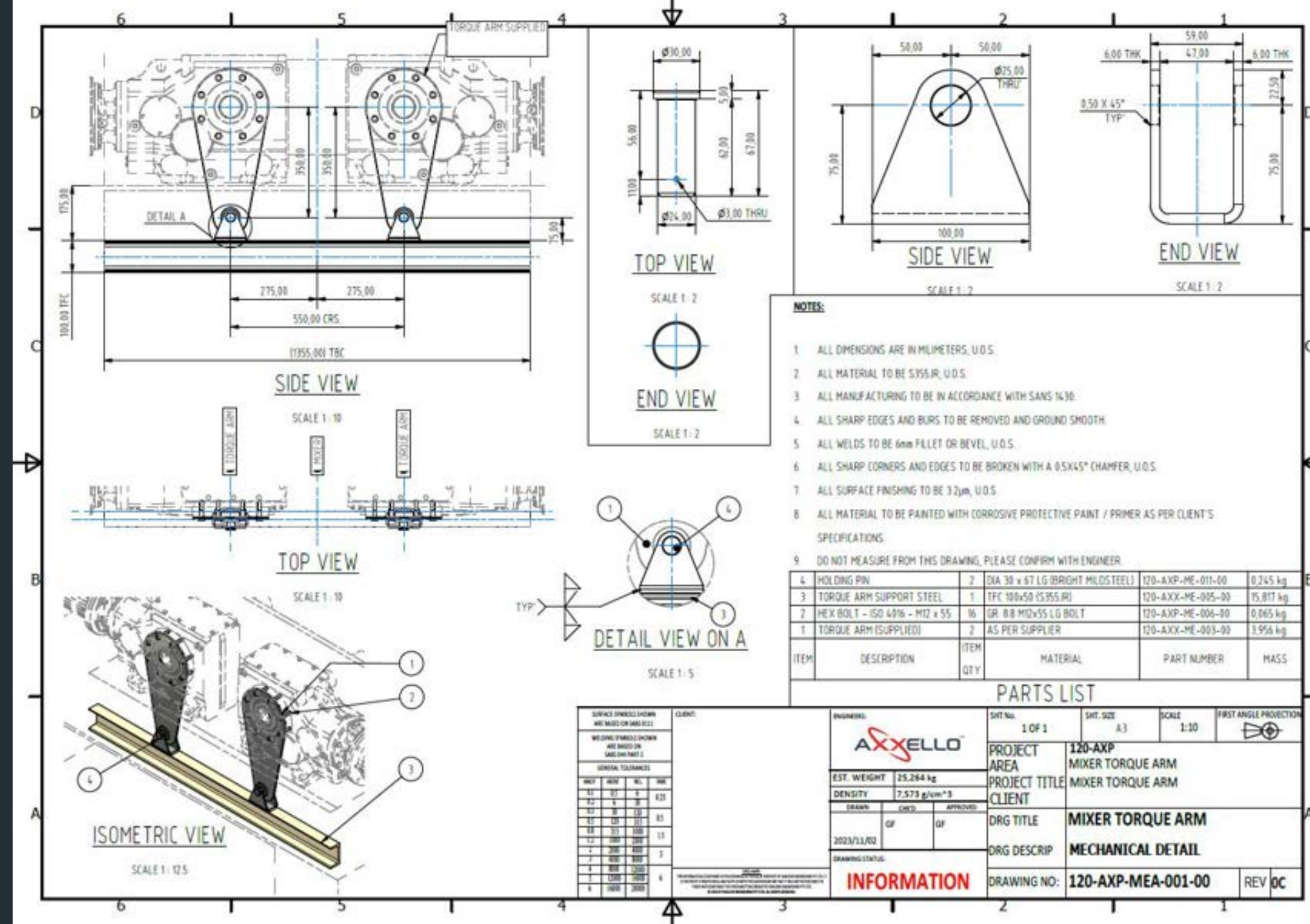


AXXELLO SOLUTIONS

Reverse Engineering

Axxello packing provides an in-house **Reverse Engineering service** focused on providing the client with a **holistic solution** to a failed component or process.

Axxello provided a new gearbox torque arm configuration based on a recurring mixer shaft failure. A comprehensive solution was provided for both the **direct (shaft failure) and root cause**. The new torque arm configuration was design and analysed using **FEA** and **engineering best practices**.



AXXELLO COMPLETED PROJECTS



50 000 BPH Washer Installation

Successfully installed and integrated a **50,000 BPH Bottle Washer** to tailor fit the South African industry. Facilitate and implemented OEM design changes to ensure the compatibility, achieve **low water consumption** and an **optimal line profile**.

PROJECT OVERVIEW

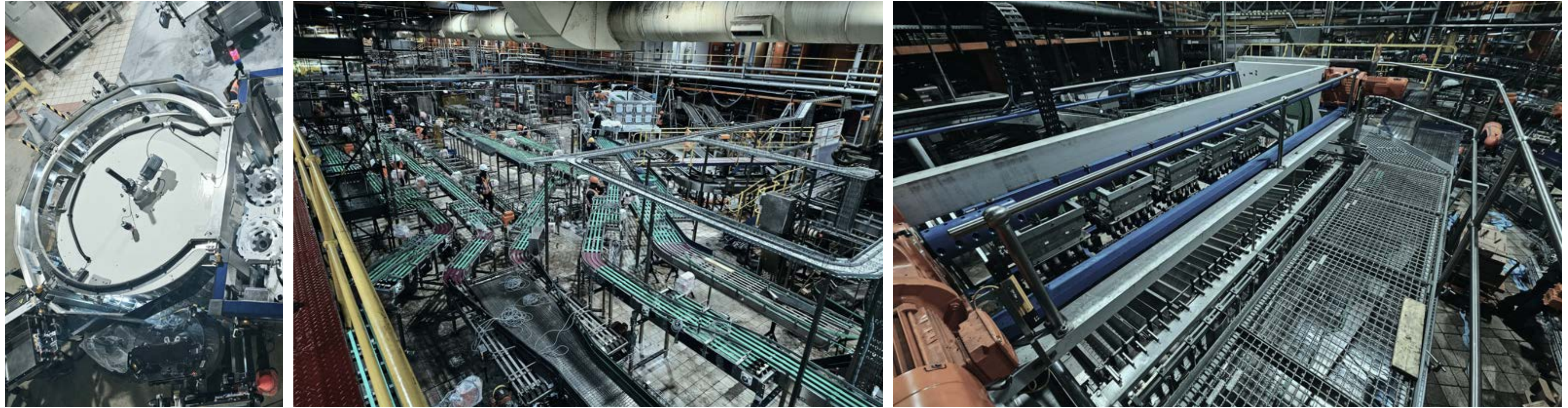
Shutdown Duration 22 days

Budget 1.7 US Dollar

Services Project Management and Engineering



AXXELLO COMPLETED PROJECTS



50 000 BPH Labeller Installation

Installation supervision and project management of **2-off 50,000 BPH** high-speed labellers, seamlessly integrating them into the existing 24-hour production line. Our meticulous approach ensures minimal disruption and maximum efficiency, guaranteeing a smooth transition and optimised performance for your operations.

PROJECT OVERVIEW

Project Duration 22 days

Budget 1.6 US Dollar

Services Project Management and Engineering



AXXELLO COMPLETED PROJECTS



80 000 BPH Depalletiser and Palletiser Installation

Implemented and oversaw the installation and commissioning of a new depalletiser and palletiser within a beer packaging facility. This initiative resulted in a notable **30% potential increase in throughput** for both 330ml bottle and 500ml can packaging operations. Moreover, the installation effectively **reduced operational costs** while **enhancing the uptime of the production line**.

PROJECT OVERVIEW

Project Duration 7 months

Shutdown Duration 21 days

Budget 2,2M US Dollar

Services Project and Site Installation Management



AXXELLO COMPLETED PROJECTS



72 000 CPH Traypacker Installation

The installation, commissioning and integration of a new Traypacker, capable of **packing 72,000 cans per hour into 24-can carton trays**, was executed within the parameters of rigorous client technical and safety standards. This meticulous adherence to specifications ensured the **seamless handover** of the project to the production facility without any incidence of injury. Axxello functioned as the **central point of contact**, facilitating **efficient communication and coordinated task execution** throughout the project duration.

PROJECT OVERVIEW

Project Duration	8 months
Shutdown Duration	23 days
Budget	600 000 US Dollar
Services	Project and Site Management



AXXELLO COMPLETED PROJECTS



80 000 BPH Shrinkwrapper and Traypacker Installation

Project involved overseeing the installation and integration of 2 x shrinkwrappers and 2 x traypacker systems into a beer production facility, ensuring **seamless functionality** through testing and fine-tuning before handover.

Our expert team manages all technical aspects, from setup to calibration, to **enhance operational efficiency** and maximise productivity.

PROJECT OVERVIEW

Project Duration 10 months

Shutdown Duration 18 days

Budget 1,6M US Dollar

Services Project and Site Management



AXXELLO COMPLETED PROJECTS



100 000 BPH NRB Line Installation

The installation base is one of the **biggest NRB lines in the Southern Hemisphere** and the **fastest packing line** of its kind **in Africa**.

The highly efficient project management and project engineering services provided ensured the **successful integration of all equipment** with a Single supply OEM.

PROJECT OVERVIEW

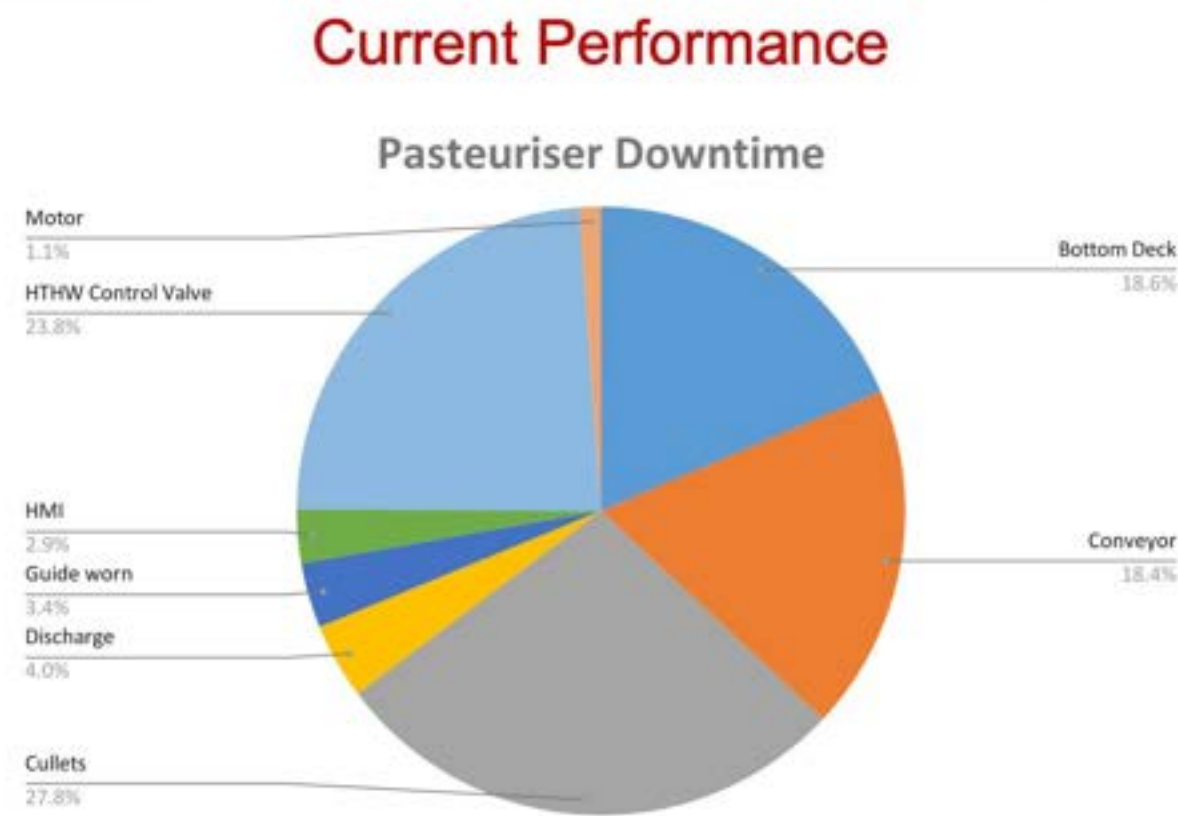
Project Duration 110 Days

Shutdown Duration 18 days

Budget 17,8M US Dollar

Services Project and Site Management

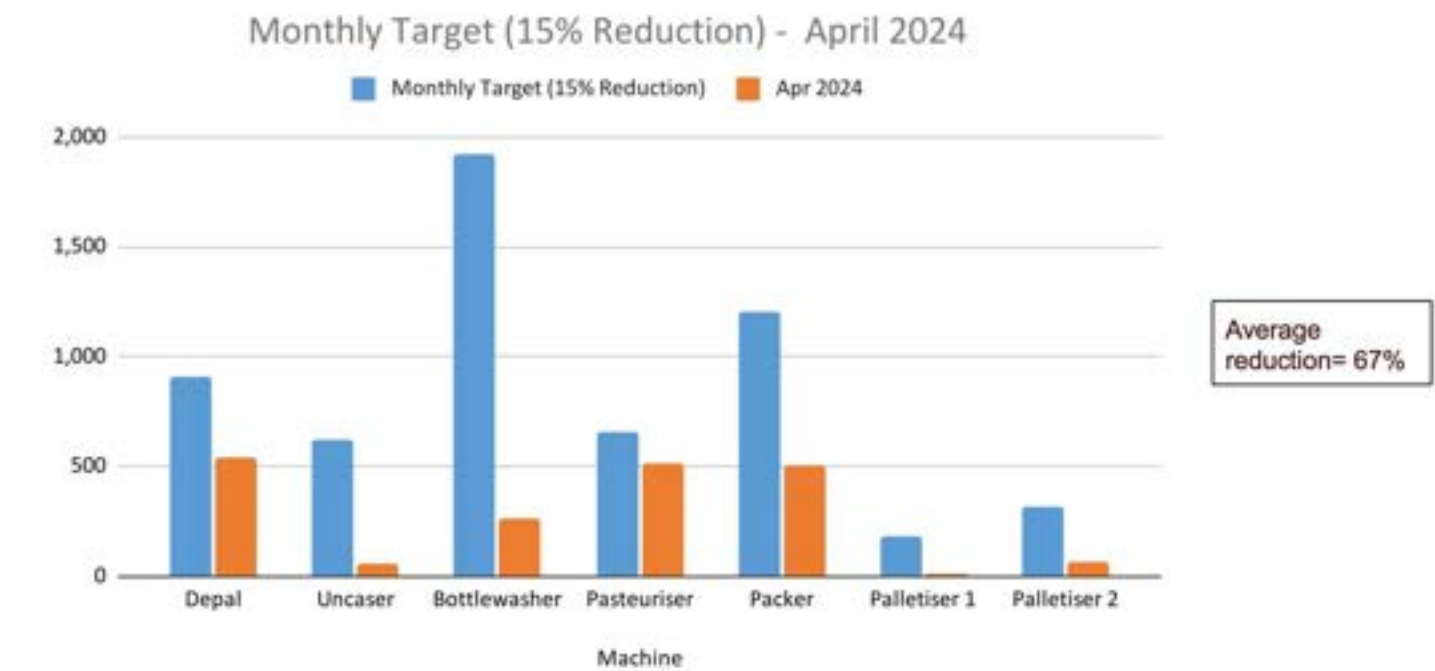




Volume Increase Achieved (13.04%)



Phase 2 - Downtime Baseline & Targets



60,000 BPH Packaging line debottlenecking and optimization

Implement **3-phased approach** to packaging line debottlenecking and optimisation to realise an increase in production volume.

Training and knowledge transfer to operational personnel ensures reliability and sustainability of the line performance.

PROJECT OVERVIEW

Project Duration	4 months
Budget	175,000 US Dollar
Services	Project Management and Engineering Support



YEAR	BUDGET IN US DOLLAR	PROJECT DESCRIPTION	LINE CAPACITY	SERVICES	PRODUCTS	PROJECT LOCATION
1999	113,670	Installation and commissioning of 2-off packaging lines	36 000 bph 42 000 bph	Project Management Site Management of Installation and Commissioning	NRB 340ml	Angola Bom Jesus
2003	200,000	Soft Drink RGB packaging line	30 000 bph	Installation and commissioning	RGB Soft drink	Zimbabwe
2004	83,000	Water Bottling Plant	26 000 bph	Management and Supervision from installation to handover	PET 500ml	Kuwait
2008	2,4 M	Green fields Project : Implementation Soft drink and beer production facility.	50 000 cph * 42 000 bph 42 000 bph 32 000 bph	Project Management from earthworks to handover	PET Soft Drink Can Soft Drink RGB Soft Drink RGB Beer	Luanda North
2013	163,000	New SPX Equipment for Milk and Juice processing	15 000 lph (Milk) 10 000 lph (Juice)	Project management and installation	PET 500ml and 1000ml PET 250ml, 300ml and 500ml	Saudi Arabia Harrad
2013	464,000	Juice can filler installation, complete with refrigeration and process room upgrades.	40 000 cph	Project Management and installation	Juice can	Dubai Green Community
2014	276,000	Installation of soft drink packaging lines	46 000 bph	Installation and commissioning	Soft drink PET	Nigeria Lagos

YEAR	BUDGET IN US DOLLAR	PROJECT DESCRIPTION	LINE CAPACITY	SERVICES	PRODUCTS	PROJECT LOCATION
2014	290,000	Installation of soft drink packaging lines	44 000 bph	Installation and commisioning	Soft drink PET	Nigeria Port Harcourt
2014	43,000	Expansion of existing tank farm	N/A	Design and installation	N/A	Abu Dhabi
2014	1,75 M	Juice PET Line, Kronas Filler and Crouner Combiblock Filler, Combiblock Filler	42 000 bph 36 000 bph 24 000 bph 24 000 bph	Project Management and Installation	Juice PET Juice Hot fill Glass Juice Carton Juice Carton	Saudi Arabia Damman
2015	360,000	Installation and commissioning of Juice and Dairy packaging equipment	25 000 bph 17 000 cph 16 000 bph 14 000 tbh	Installation and commisioning	Juice PET Milk / Laban HDPE Glass Jar Yogurt PE	Dubai
2016	300,000	Milk Dairy and Juice Plant	24 000 pph 22 000 pph 18 500 bph	Project Management and installation. All supporting services and utilities	Juice Carton Pack 125ml/200ml Juice Carton Pack 250ml/300ml Milk PET Bottle 500ml	Pakistan Punjab
2017	86,000	New Tomato Process plant and Packaging line	17 000 cph 15 000 cph	Design, installation and commisioning	Tomato Cans 215g Beans Can 415g	Nigeria Ibadan

YEAR	BUDGET IN US DOLLAR	PROJECT DESCRIPTION	LINE CAPACITY	SERVICES	PRODUCTS	PROJECT LOCATION
2017	87,000	Milk Dairy and Juice Plant	N/A	Master Plan, Project Management and final layout drawings	Carton 125ml Carton 200ml Carton 250ml Carton 300ml	Pakistan Jhang
2018	174,000	New Ocme Soft drink Can Line New Hot Fill Juice glass line	38000 cph 22 000 bph	Installation of the follow packaging equipment with supporting utilites	Juice Can Juice Hot fill glass	Iran
2018	93,000	Juice Plant	N/A	Master Plan Project Management Final Layout Drawings	Carton 125ml Carton 200ml Carton 250ml Carton 300ml	Egypt
2018	99,000	Water and Soft Drink Bottling Plant	42 000 bph 38 000 bph 25 000 bph	Master Plan Project Management Commercial/Contract Management	PET 330ml PET 500ml PET 1000ml	Qatar
2018	2M	New Greenfield Milk Dairy and Juice Plant	N/A	Project Management of various contractors with different cultures and installation	Dairy PET	Oman
2022	345,000	Water Bottling Plant Relocation	35 000 bph	Project Management, Master Plan and Engineering Services	Water PET	Qatar Al-Khor

AXXELLO TEAM

Meet the Axxello leaders



Petri Lombard

TECHNICAL DIRECTOR
& CO-FOUNDER

B.Eng Processing



Wesley van den Heever

PROJECT DIRECTOR
& CO-FOUNDER

*B.Com Hon, B.Sc QS Hon,
PMP & PGDip GM*



Erick Visser

BUSINESS DIRECTOR
(EMEA OPERATIONS)

B.Eng Chemical, Dipl. Brew



Ernst Seagreen

PACKAGING DIRECTOR

ND (Tech), Dipl PM





Newly installed and commissioned 500ml can robot-integrated palletizer managed by Axxello

AXXELLO CONTACT DETAILS

Get in touch with our team

Tell us more about your project

[Contact us](#)

Learn more about Axxello

[Visit our website](#)