



EMD LABS

INTEND TO LEVERAGE INNOVATIVE SOLUTION

IDEA - DESIGN - PROTOTYPE - PRODUCT



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Business Overview



Company Overview



ELECTRO - MECHANICAL - DIGITAL - LABS

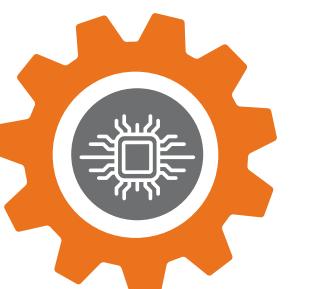
EMD Labs is a space for the industrial solution provider of new technologies through hardware and software system development.



Design
Studio



Mechanical
Studio



Electronic
Studio



Software
Studio

Vision

Intent to Leverage Innovative Solutions

Mission

EMD Lab is a customer-centric venture from prototyping to product development for industrial scale applications with constant development, professionalism, adaptation of new trends, and integrity to deliver cutting edge technologies with young and thriving workforce.



Problem



Data Threads To Enterprises

The results of data security can impact the production as well as workflow with potential errors, rework and inaccuracies.

Errors in workspace

Departments use their own standalone systems, incorrect, inconsistent data can be entered into each system.

Resource Management

Inadequate to maintain Poor capacity planning, conflicting resource priorities, to inadequate information on what resources in a long run.

Time and Cost

Manual and repetitive tasks within the company can have higher the risk of performing time and costly mistakes

Problem and background



Issue in ERPM Systems due to
data centralization



Show More

<https://www.emerald.com/insight/content/doi/10.1108/K-12-2018-0699/full/html?skipTracking=true>



Importance of Business to
transform digitally in the Future



Show More

<https://journals.sagepub.com/doi/full/10.1177/21582440211047576>



Importance of User Oriented
ERPM systems



Show More

https://www.researchgate.net/publication/323579705_ERP_Systems_Towards_Digital_Transformation

Solutions



Enterprise Resource Planning Management

The system containing sophisticated capabilities, such as AI to automate the tedious tasks, analytics to respond in real-time to market movements, and automated upgrades to remain current and gain a competitive edge.

Features

Human Resource Management

Features :-

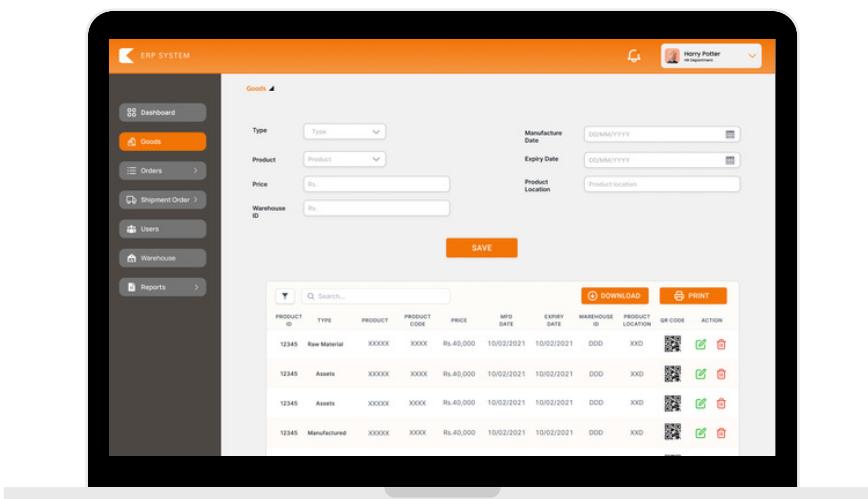
- Employee Management
- Recruitment Management
- Organizational management
- Attendance
- Attendance
- Payment/ Payroll
- Appraisal
- Training



Inventory Management System

Features :-

- Inventory Management
- Inventory Tracking
- Invoice Generation
- Inventory Alerts
- Inventory Security
- Barcoding

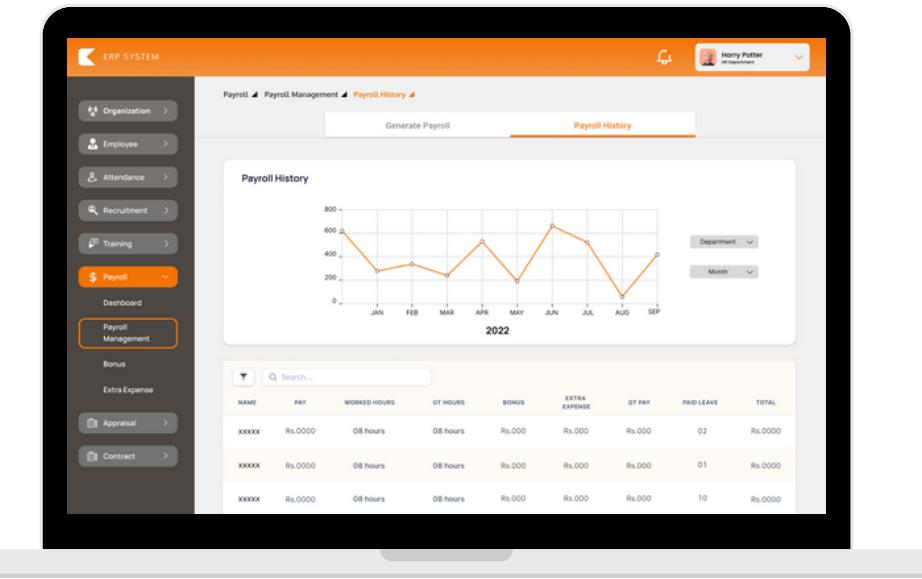


Features

Finance Management System

Features :-

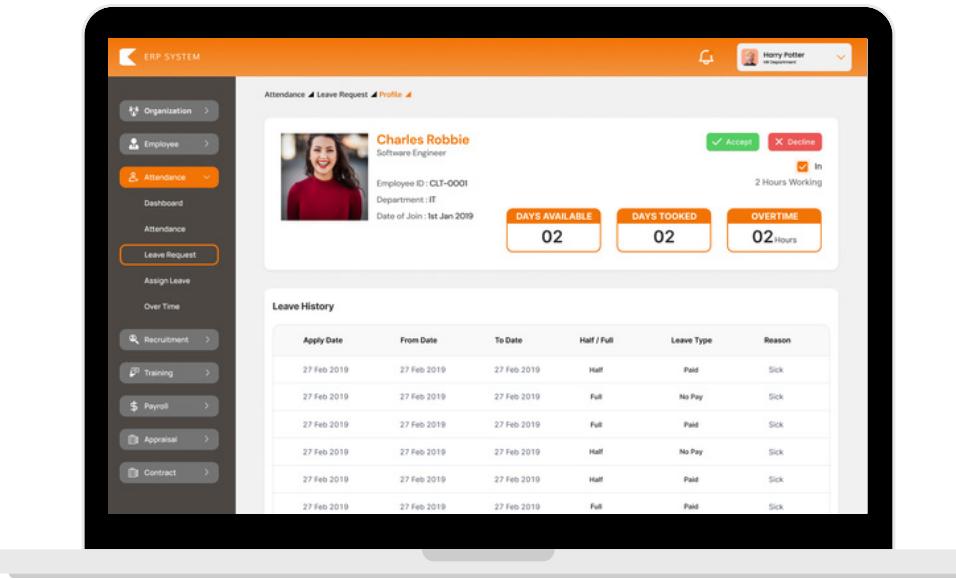
- General Ledger
- Invoicing
- Employee Reimbursement
- Revenue & Cost
- Purchasing



Customer Resource Management

Features :-

- Contact Management
- Lead Management
- Sales Forecasting
- Email Tracking
- Instant Messaging



Outcomes



Strategy

Mitigate un-certain changes in the market



KPIs and Growth

Measuring and monitoring the performance



Budget and Forecast

Operational and impact driven analysis and forecasts



Cost and Profit

Reduce costs while improving product quality and service delivery

Report and Analytic

Influence key decision-making through automated analysis and decision making

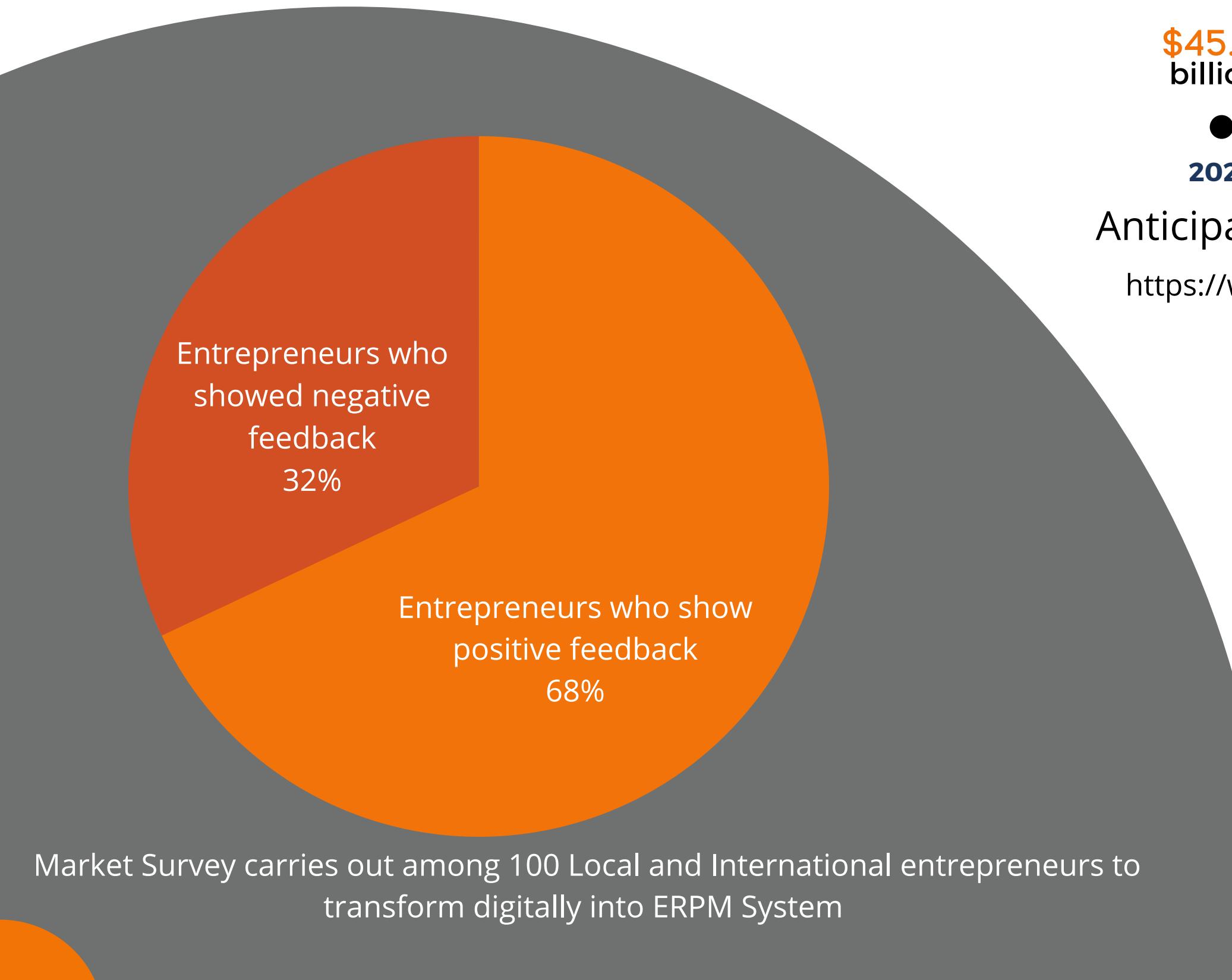
Risk Management

Intelligent and informed decision making

Customer and Market

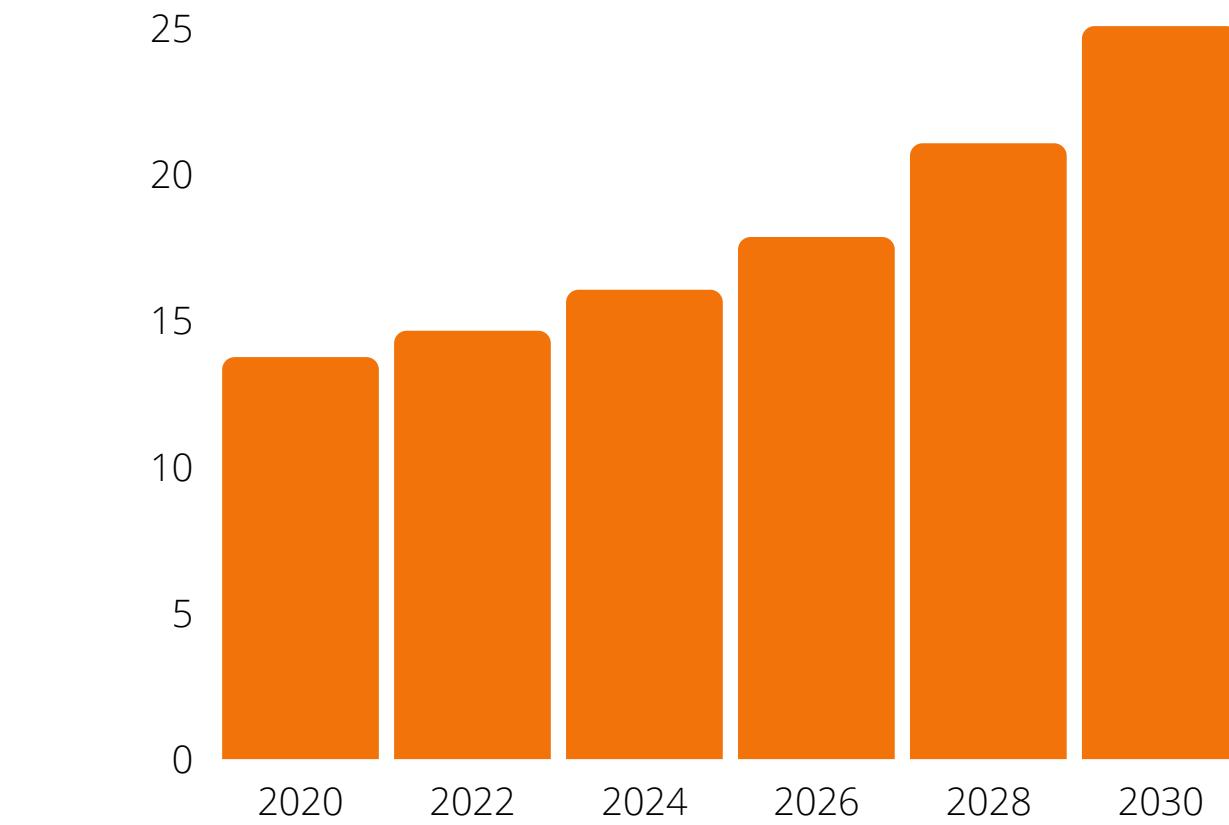


Opportunities



Anticipated Growth Rate of ERPM System from 2021 to 2029

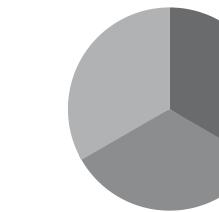
<https://www.fortunebusinessinsights.com/enterprise-resource-planning-erp-software-market-102498>



The trend of Increase in the number of ERPM market in USA

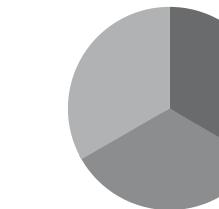
<https://www.grandviewresearch.com/industry-analysis/erp-software-market>

Market Capacity



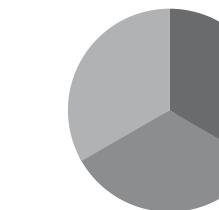
Australia

2,569,900 actively trading businesses



Europe

23,233,582 actively trading businesses



Sri Lanka

230,000 actively trading businesses

Target accessible market

Australian Market

2,569,900

68% of Entrepreneurs are
transforming into the new system

174,692

10% Entrepreneurs focus on
data security

17,469

60% Industries using
ERPM Systems

10,482

Europe Market

23,233,582

68% of Entrepreneurs are
transforming into the new system

15,798,835

10% Entrepreneurs focus on
data security

1,579,884

60% Industries using
ERPM Systems

947,930

Competitors



Local Competitors



hSenid



ERP Lanka (Pvt) Ltd



Enhancer



IFS

International Competitors



ORACLE
NETSUITE

NetSuite



SAP Business One



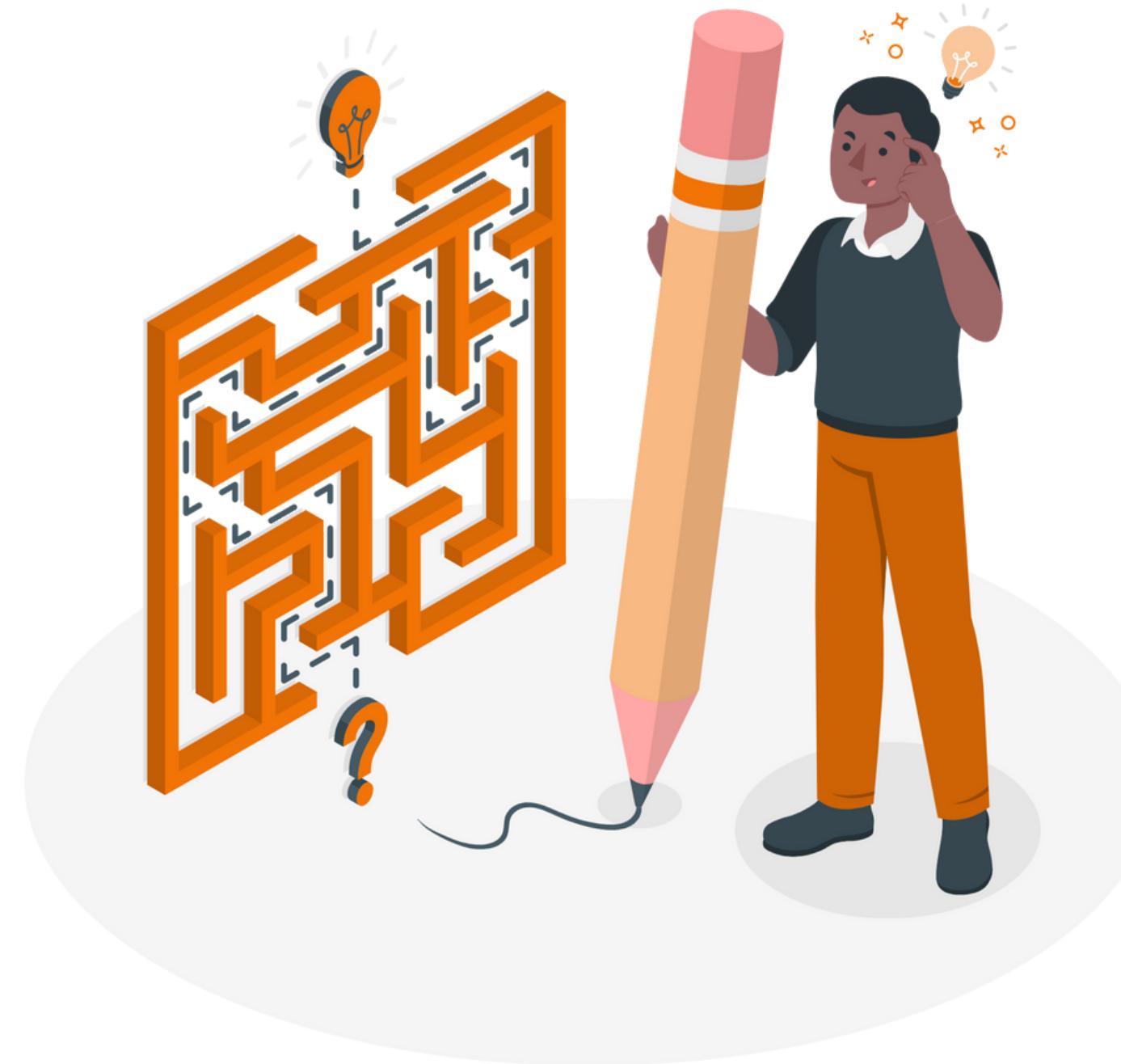
Sage

Sage Intacct



CHART 360

Competitive Advantages



01

Blockchain based Cloud Database

We secure data through developing block chain technology and cloud based system for Realtime data security and reliability

02

Automation

We provide valuable tool in different sections of the system to automate different activities from recruitment, customer aquation, finance forecasting etc.

03

Customizable

We provide scalable business-tailored system that integrates all business management functions and facilitates data-driven decision-making.

Management and Operations



Our Team

C Level Positions



Jude Winston David

Chief Information Officer



Aslam Juhaideen

Chief Development Officer



Thushanthan Amalanathan

Chief Executive Officer



Jayanthan Amalanathan

Chief Operating Officer



Anushanth Kulanthaivadivel

Chief Financial Officer



Kabithanjan Athistanathan

Chief Marketing Officer

Our External Team



Our Internal Team

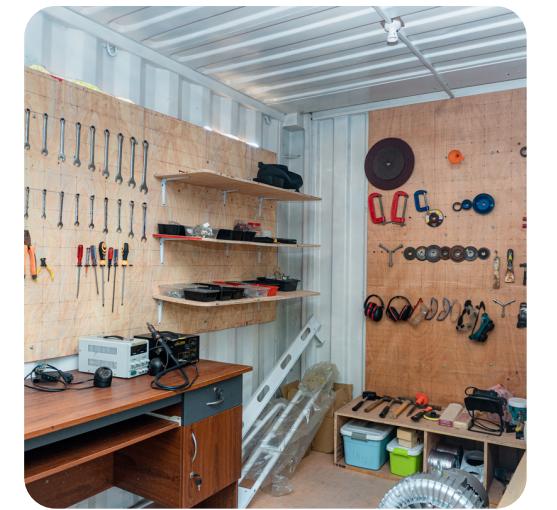
Our Progress

Software System
Development
Space



Our Progress

Digital Fabrication
and Rapid
Prototyping Space



Our Partners



SYLC

Sri Lanka



**Just One Giant
Lab**
Europe



Motion Lab

Berlin



SQM

Canada

Enterprise Development Timeline

2021

2022

2023

2024

2025

Research and
Planning

Initiate
development
and prototype

10 Clients and
bug fixing

Expand to
global market

100+ Clients

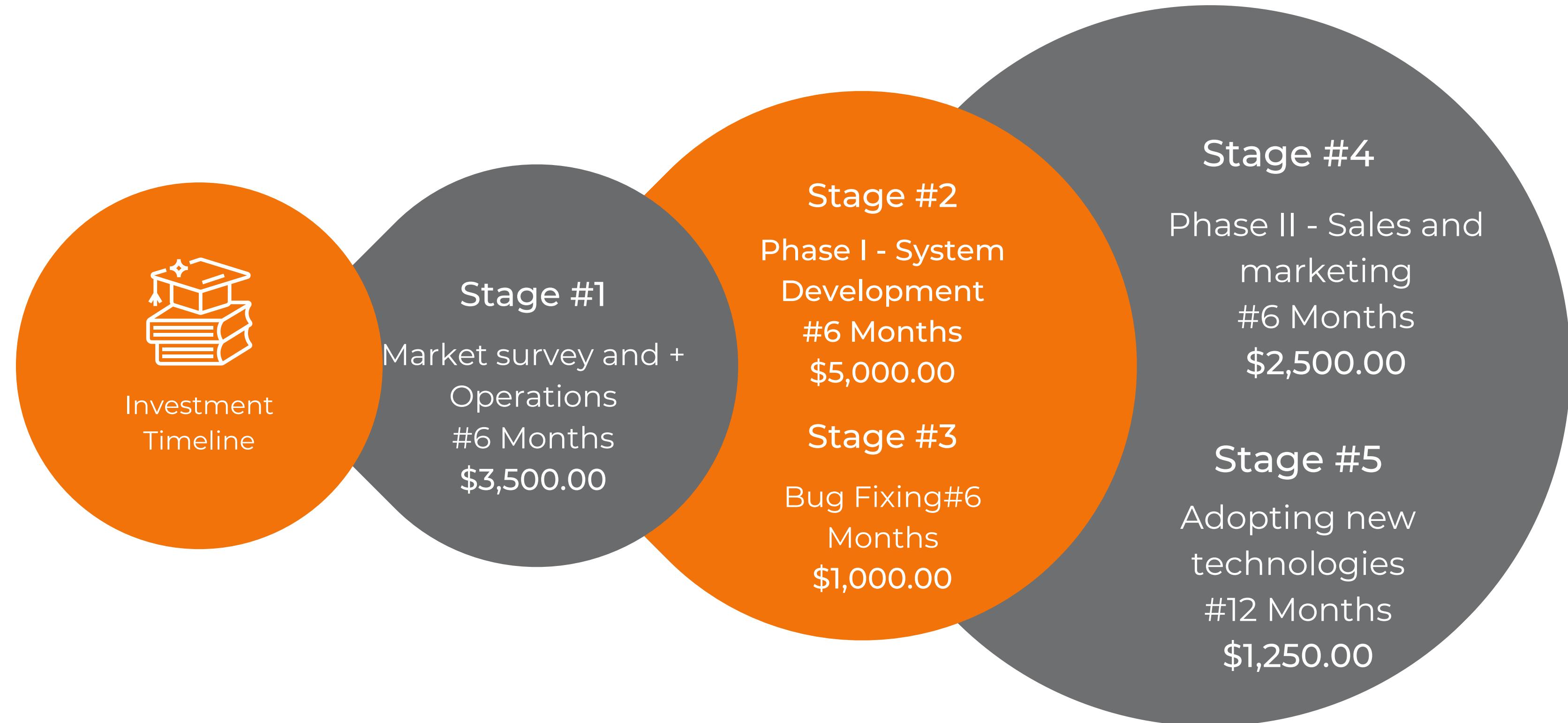
Financial Analysis



\$ 15,000.00

TOTAL INVESTMENT

Investment Breakdown



Investment breakdown



Administration and
Logistic
\$ 2,500.00



Equipment and
Tools
\$ 3,000.00



Development
\$ 5,000.00



Interior and
Infrastructure
\$ 1,000.00



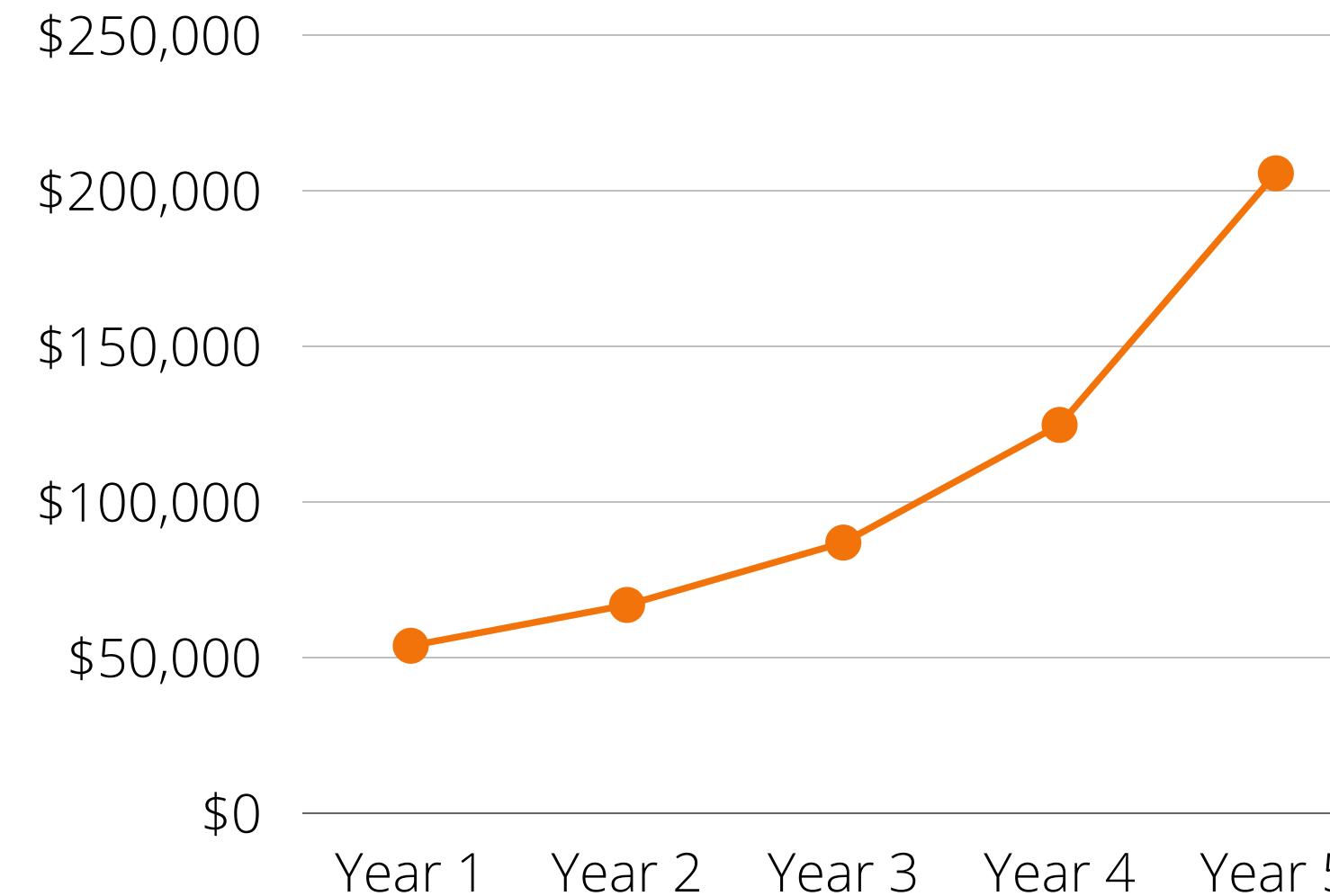
Electronic and
Consumables
\$ 1,000.00



Installation and
Training
\$ 2,500.00

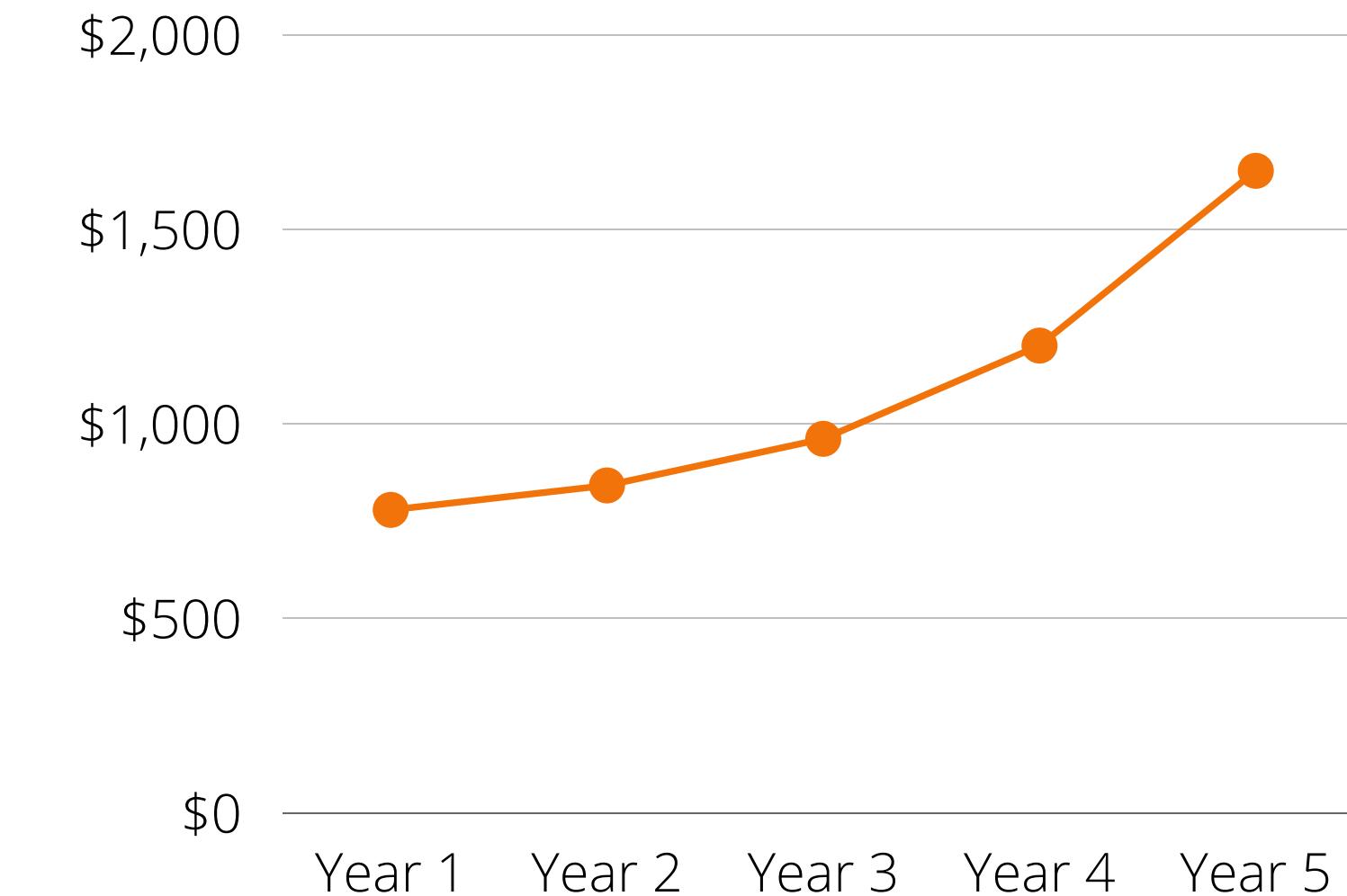
Revenue Model

5 Year Projection - Europe



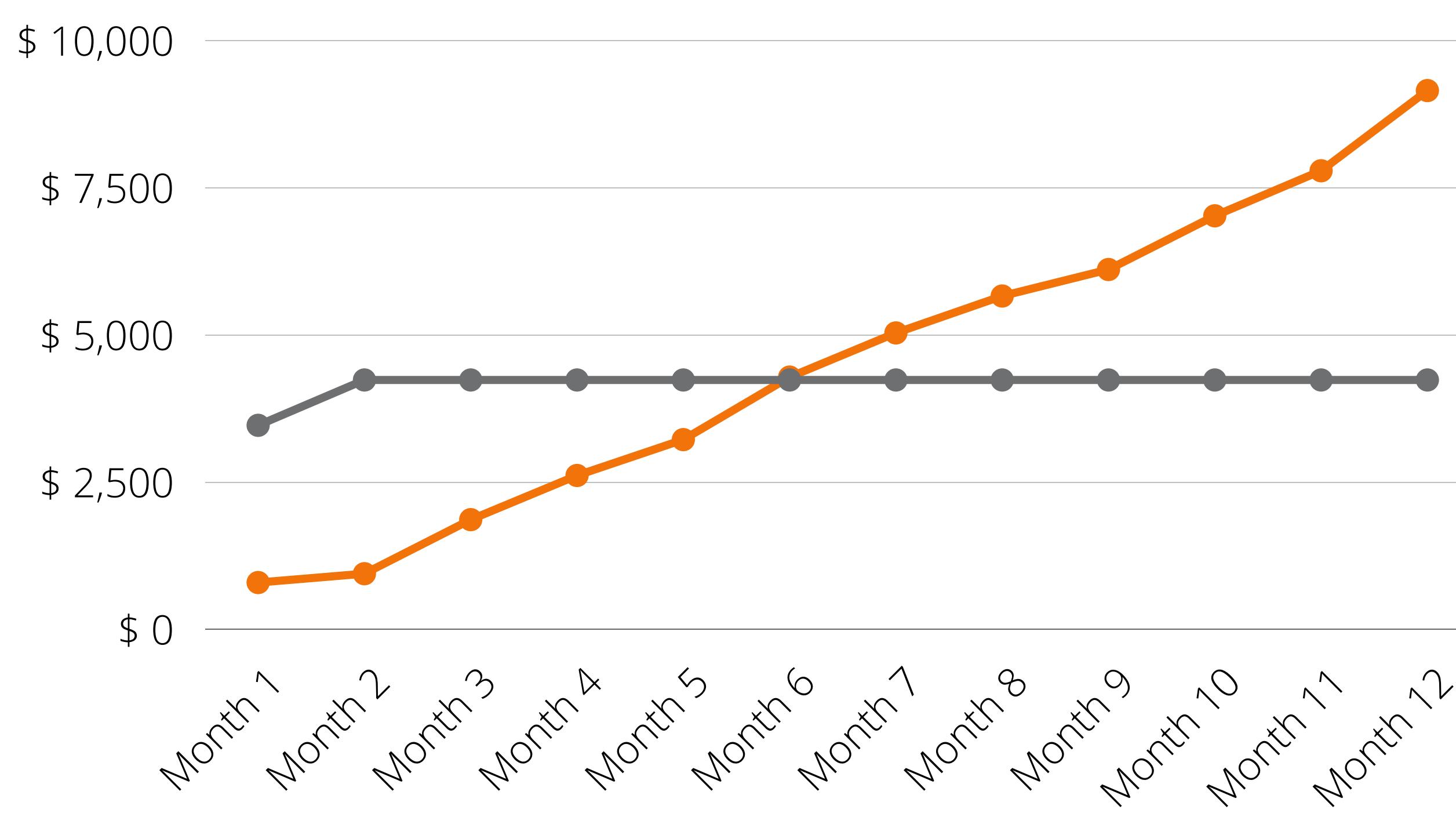
- Year 01 - \$ 53,712.00
- Year 02 - \$ 66,822.00
- Year 03 - \$ 86,856.00
- Year 04 - \$ 124,650.00
- Year 05 - \$ 205,464.00

5 Year Projection - Australian and others



- Year 01 - \$ 777.00
- Year 02 - \$ 840.00
- Year 03 - \$ 960.00
- Year 04 - \$ 1,200.00
- Year 05 - \$ 1,650.00

Cash Flow



Return of Investment

3.5

Years

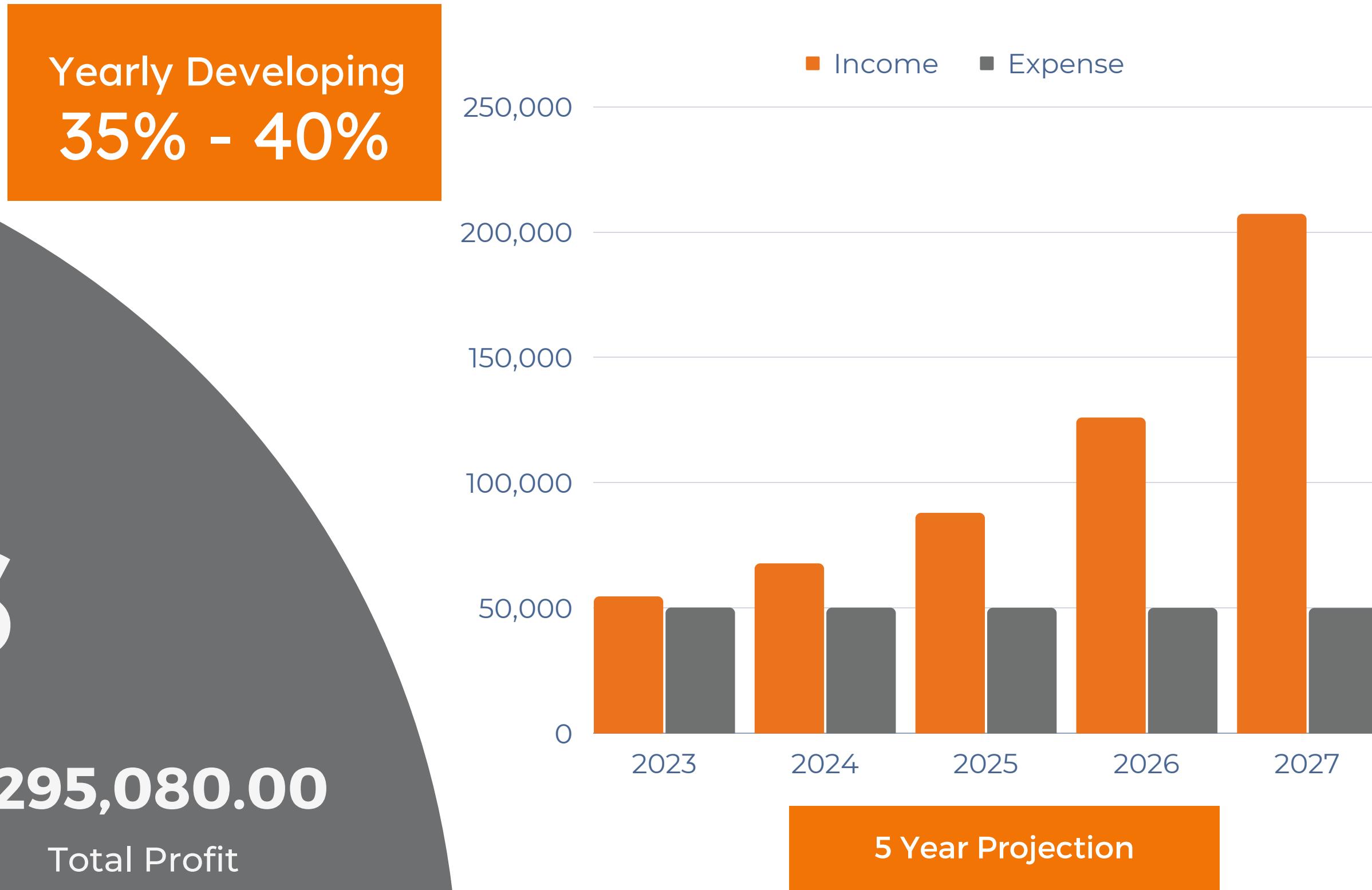
\$ 335,817.00

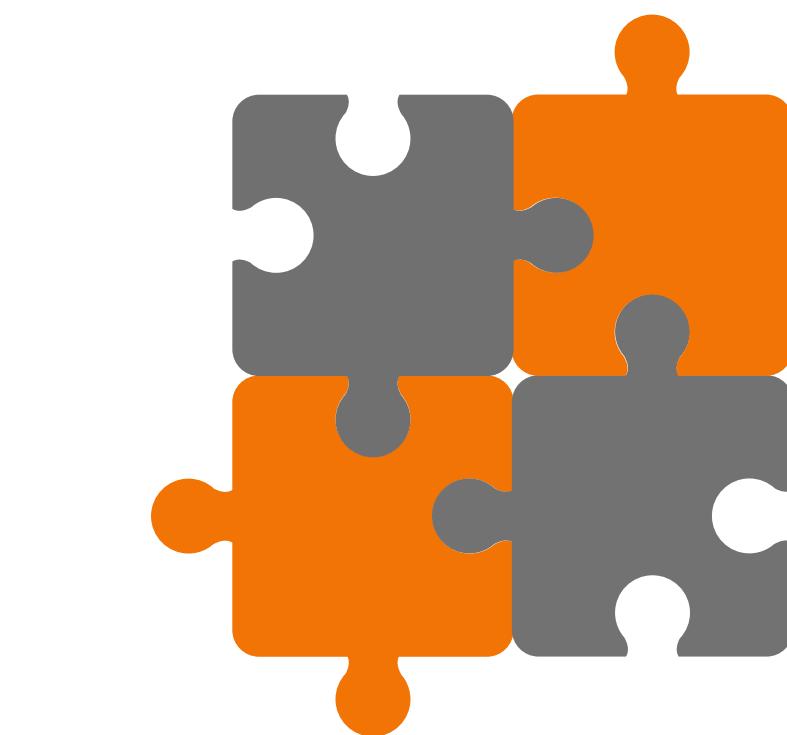
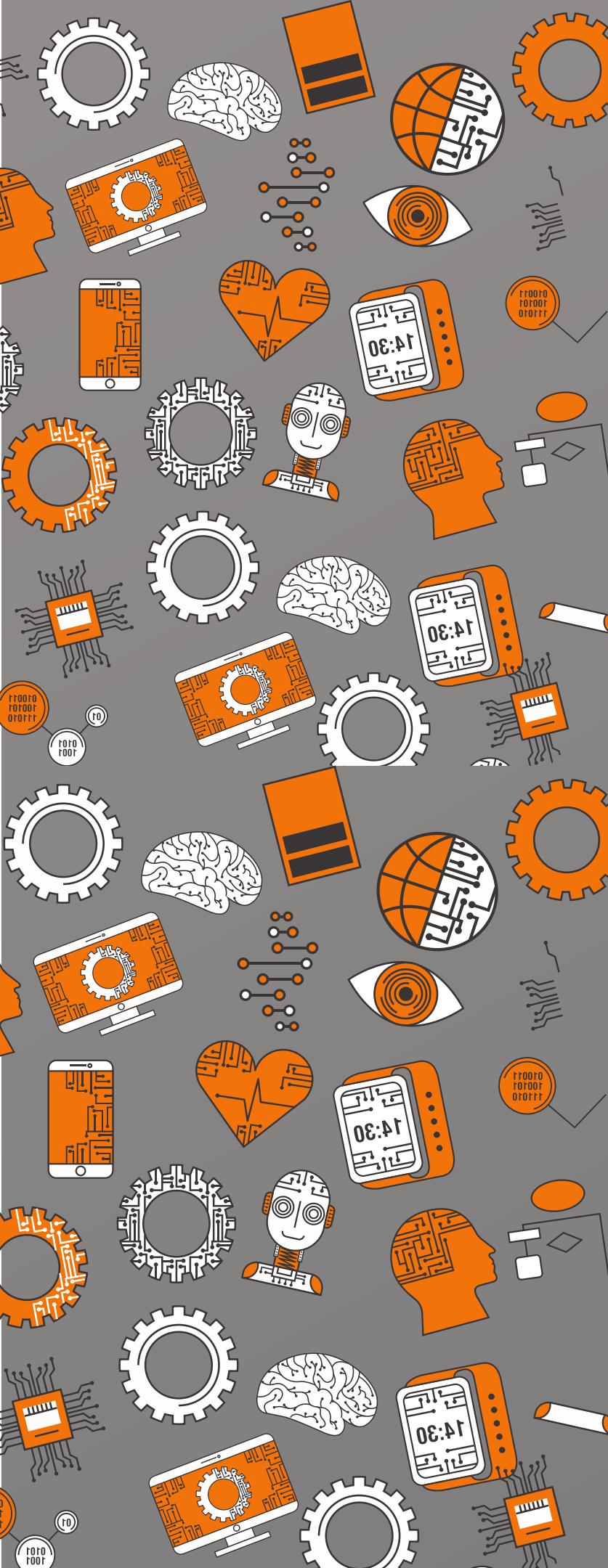
Total Revenue

\$295,080.00

Total Profit

Yearly Developing
35% - 40%





THANK YOU

IDEA - DESIGN - PROTOTYPE - MANUFACTURE

W W W . E M D - L A B S . C O M



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