

**ECO-DEV SOLUTIONS & TECHNOLOGIES
BANGLADESH LIMITED**

PROFILE

CAPABILITY STATEMENT

**TEAM mpower-u
1-1-2023**

Genesis

Eco-Dev Solutions & Technologies Bangladesh Limited, commonly nomenclature of Eco-Dev Solutions Bangladesh is Joint Venture of two uniquely placed organizations such as EcoDev Solutions & Technologies Pvt. Ltd., of India and Bhagalpur Holding Limited of Bangladesh.

EcoDev Solutions & Technologies Pvt. Ltd., of India has brought in knowledge, skill set and deep expertise in behavior analytics, and Bhagalpur Holding Limited of Bangladesh has brought in deep knowledge of businesses across Bangladesh. The JV would thus create a niche markets of analytics powered by ML/ AI essential for every conceivable enterprises.

Principal Objectives

To design and develop products and services, both software and hardware, in the fields of Information Communication Technologies (ICT), Information Technology Enabled Services (ITES), Internet of Things (IoT) and other emerging technologies. To conduct businesses with such products and services in social and economic sectors where such products and services are relevant including, but not limited to, financial technology (FinTech), agriculture technology (AgriTech), education technology (EduTech).

To provide knowledge and advisory services to Government, statutory and regulatory agencies, commercial agencies, non-government organizations (NGOs) and philanthropic organizations and any relevant entities that are digitizing and automatizing their operations and activities. To partner, collaborate with and invest in other organizations to secure complementary technologies, knowledge and access to markets.

Key Offering:

The company is having a propriety FinTech software solution for BFSI (Banking, Financial Services & Insurance) industry. The following activities would be implemented by the Company viz.,

- (i) Software development
- (ii) Machine Learning & Artificial Intelligence Algorithm Development
- (iii) System Integration of Client's ERP/ MIS system
- (iv) Hardware based Embedded Solution Development
- (v) Installation of Software using SaaS (Software as a Service) approach
- (vi) Marketing & Sales of Solution Software
- (vii) Maintenance of IT infrastructure both in-house and at client sites
- (viii) Publications of White Papers and relevant Research Papers

The Core Competence:

- Behavioral Economics
- Psychology
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Sectoral Expertise – BFSI, Retail, HR

The Board:



Mr. Manzurul Islam is the chairman of Eco-Dev Solutions & Technologies Bangladesh. Mr. Islam is one of the successful young industrialists in Bangladesh who has been at the helm of 13 different companies. He was appointed to the Board in 1993, became Chairman in 2001. Mr. Islam is a Director of Lafarge Surma Cement Bangladesh Limited, a concern of Holcim, as Swiss cement company. Besides, he was the former Chairman of IFIC Bank Limited and Vice Chairman of Bangladesh Association of Banks. Mr. Islam is a graduate in Economics from the University of London. He received awards as one of the best entrepreneur personalities of the country in consecutive years in 2003 and 2004 and the best young entrepreneur personality of the year in 2005. He is recognized by the

Government as a Commercially Important Person (CIP) of Bangladesh.



Subrata Kumar Rana is the Managing Director of Eco-Dev Solutions & Technologies Bangladesh. Over three decades of professional experiences equally spilt between engagement with multilateral agencies across the globe and self-driven entrepreneurship limited to Asia and Africa. Gained sectoral competence in Food & Agriculture, having exposure of working in almost every agroclimatic zones ranging from temperate to humid tropics to semi-arid drylands to coastal ecosystems. Associated with some marquee translational R&D projects through various Centre of Excellences of International Research Centers, National Agriculture Research Systems and

Private sector led research and implementation of research results with leading multilateral agencies and globally acclaimed private sector organizations. A Bachelor degree in Electrical engineering from Indian Institute of Technology, Kharagpur Post Graduate Degree in Economics from Stanford University. Recipient of World Bank Scholarship. Specialization in Behavioral Economics & Aid Effectiveness



Mr. Zia Uddin Ahmed is one of the Directors of Eco-Dev Solutions & Technologies Bangladesh. He is a serial entrepreneur, private enterprise development professional, impact investment promoter and an impact investor. He is an academic turned professional development practitioner, social entrepreneur and an investment professional. Dr. Ahmed is the Founder Chairman and Principal Consultant of Terra Resources International, USA. Founded in May 2005 in Virginia, USA Terra Resources International is an investment promotion advisor with focus on investments by US-based Bangladeshi Diaspora in the motherland. It is the principal promoter/sponsor of Venture Investment Partners Bangladesh Ltd (VIPB). Incorporated in October 2006, VIPB is the first private social/impact/venture capital investment company in Bangladesh

assisting Start-ups and Micro, Small and Medium Enterprises (MSMEs) with primary focus on transforming micro and small farmers into MSMEs. Dr. Ahmed is the Founder and Chairman of Venture Investment Partners Bangladesh Ltd. (VIPB) and is also the Founder and Chairman of its subsidiary, VIPB Asset Management Ltd (VIPB AMC) which is one of the leading Mutual Fund Managers in Bangladesh. Incorporated in 2009, VIPB AMC currently manages 5 (five) Mutual Funds (open-end unit funds) with AUM of BDT2.5 billion. He is also the Founder President of US-Bangladesh Investment Group Inc. USA a US-based Bangladeshi Diaspora investor group. He is also the Co-Founder and Managing Partner of the SEAF Ventures Management LLC, USA since June 2010 and managed the USD 12 million SEAF Bangladesh Ventures, an SME-focused fund for Bangladesh, until December 2016. Mr. Ahmed holds a Ph.D. in Economics from the University of Virginia, USA (1982) and a B.A. (Major: Economics, Minor: Finance) from the University of Oklahoma, USA (1975).



Joydeep Bhattacharya is one of the Directors of Eco-Dev Solutions & Technologies Bangladesh. He is having over 30 years of working experience spanning multiple functional areas including marketing, finance, risk analysis and mitigation, business processes and strategy execution. Start-ups are his forte where his high degree of people and process orientation along with excellent motivating and team building skills have come into play. He has established, successfully operated and then handed over to new management three start-ups as of now. Joydeep has a bachelor's degree in Chemical Engineering from the Indian Institute of Technology, Kharagpur and a Post Graduate Diploma in Management from the Indian Institute of Management, Bangalore.



Tauhid Ziauddin is one of the directors of Eco-Dev Solutions & Technologies Bangladesh. Developed high degree of interpersonal and management skills. Have experience of managing & leading small to large teams comprising of managerial and production line staff. Skilled negotiator especially with international textile (fabric) buyers such as PVH, Decathlon etc. Leadership skills demonstrated by leading professional & student groups in various university activities. Competent trainer of life skills, and certified ToT for Duke of Edinburgh's International Award. Introduced "Skills4Life" (a soft-skills development course) at ULAB and "Orientation to Higher Studies" (a soft-skills development course of 01 credit) at Presidency University. Developed a wide

network with educators from different educational institutes. Self-motivated, proactive and able work with minimal supervision.

BBM (Marketing), University of Mysore, India, April 1996. MBA (Marketing), London Institute of Technology & Research/Stamford College, December 1997.

Nature-of-Business:

Eco-Dev Solutions & Technologies Bangladesh Limited is an IT & ITeS **"Start-Up"**, engaged in developing propriety IT & ITeS Solutions – **mpower-u**. It is a FinTech software solution for BFSI (Banking, Financial Services & insurance) industry.

The following activities would be implemented by the Company viz.,

- (i) Software development – mpower-u
- (ii) Machine Learning & Artificial Intelligence Algorithm Development
- (iii) System integration of Client's ERP/ MIS system
- (iv) Hardware based Embedded Solution Development
- (v) Installation of Software using SaaS (Software as a Service) and on-premises approach
- (vi) Marketing & Sales of mpower-u Software
- (vii) Maintenance of IT infrastructure both in-house and at client sites
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mpower-u Solutions
Eco-Dev Solutions & Technologies Bangladesh Limited

mpower -u

ENTERPRISE.IMPACTED



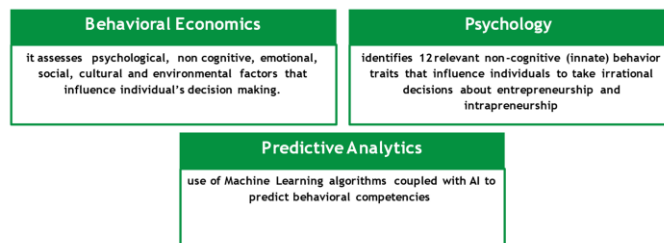
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What is mpower-u ?

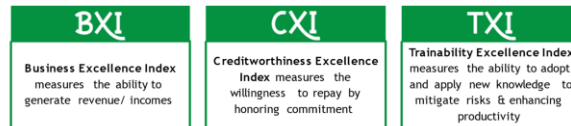
Capability to have effective decision making



mpower-u - a multi-stack solution that **diagnose, recommend, track & monitor** entrepreneur borrowers' performance using models of Behavioral Economics and Psychology through ML algorithms



mpower-u expresses through the following indices :

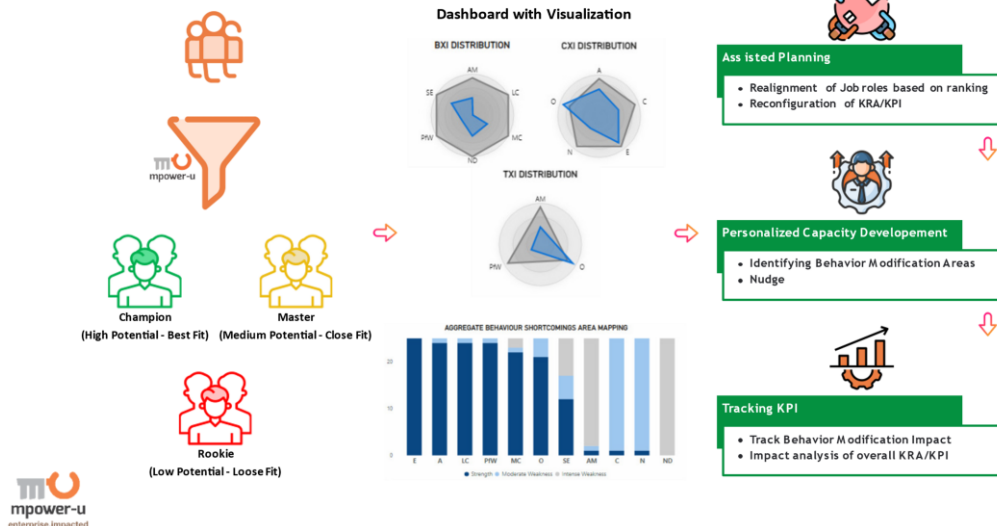


High, Medium and Low capability individuals are predicted to a 90% accuracy



How mpower-u function?

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Ensuring Business Outcomes through Effective ENTREPRENEURSHIP using behavioral economics & psychology powered by machine learning

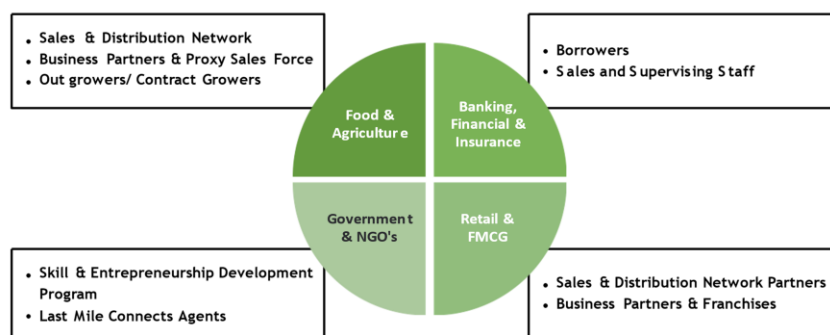


mpower-u is a AI/ML based Algorithm, available in 14 languages, accepts web/mobile App inputs and applies models from Psychology and Behavioural Economics to predict the Creditworthiness, Entrepreneurial abilities and Trainability of people with limited history of Financial transactions

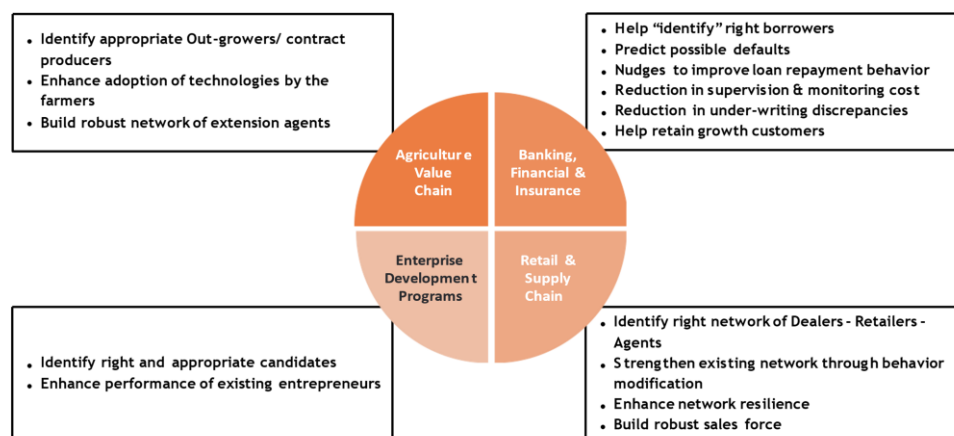


mpower-u improves people's performance through calibration of behavioral insights.

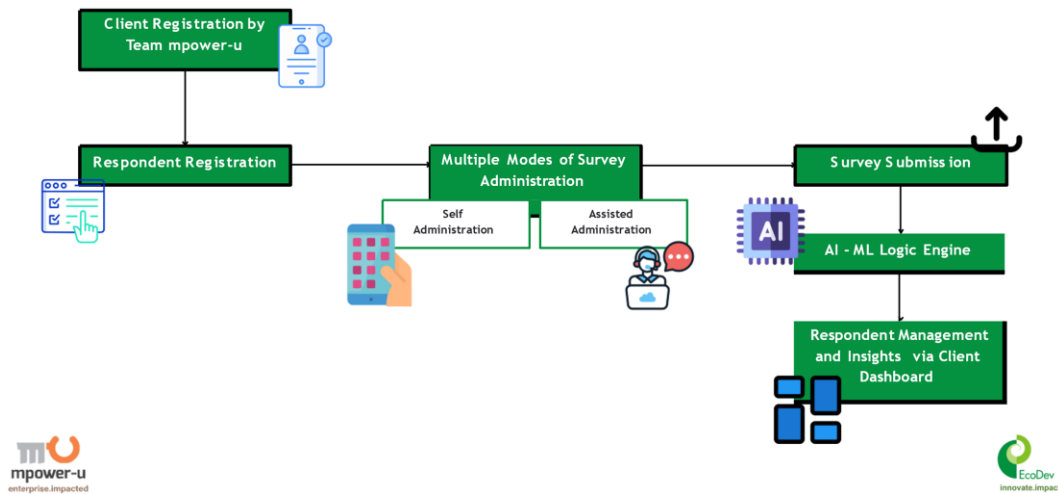
Being industry agnostic, it can be configured based on the roles and responsibilities of people involved in the industries



What benefits mpower-u brings for the various industries?



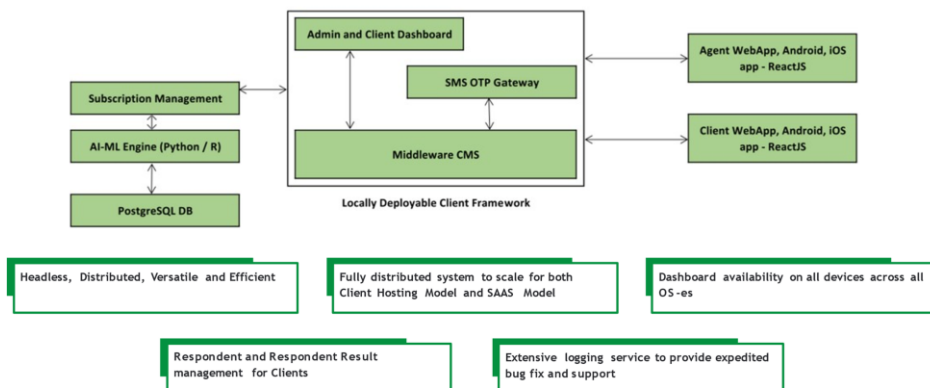
mpower-u process flow

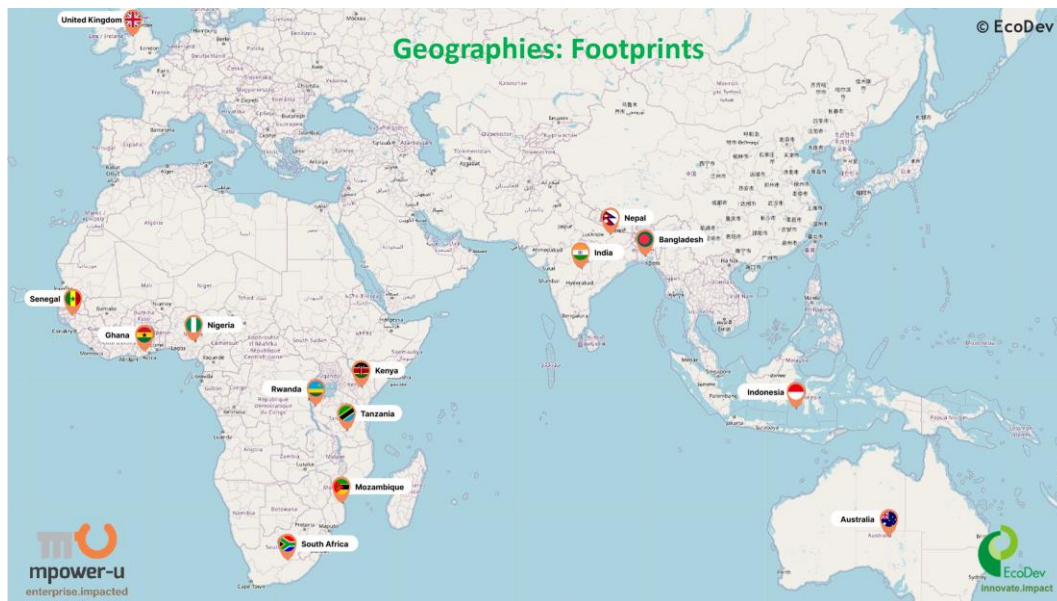


mpower-u app



System Architecture





Thank You

FOR FURTHER INFORMATION

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