

Towards 4th Industrial Revolution: Perspective and Our Opportunities

Abu Jubayer, Managing Director

Sustainable Research and Consultancy Ltd. (SRCL)

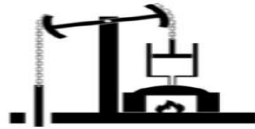
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Chronology of Industrial Development

INDUSTRIAL REVOLUTION

1.0



Based on mechanical production driven by water & steam power.

2.0



Based on mass production enabled by electrical energy.

3.0



Based on the use of computer & electronics to further enhance automation.

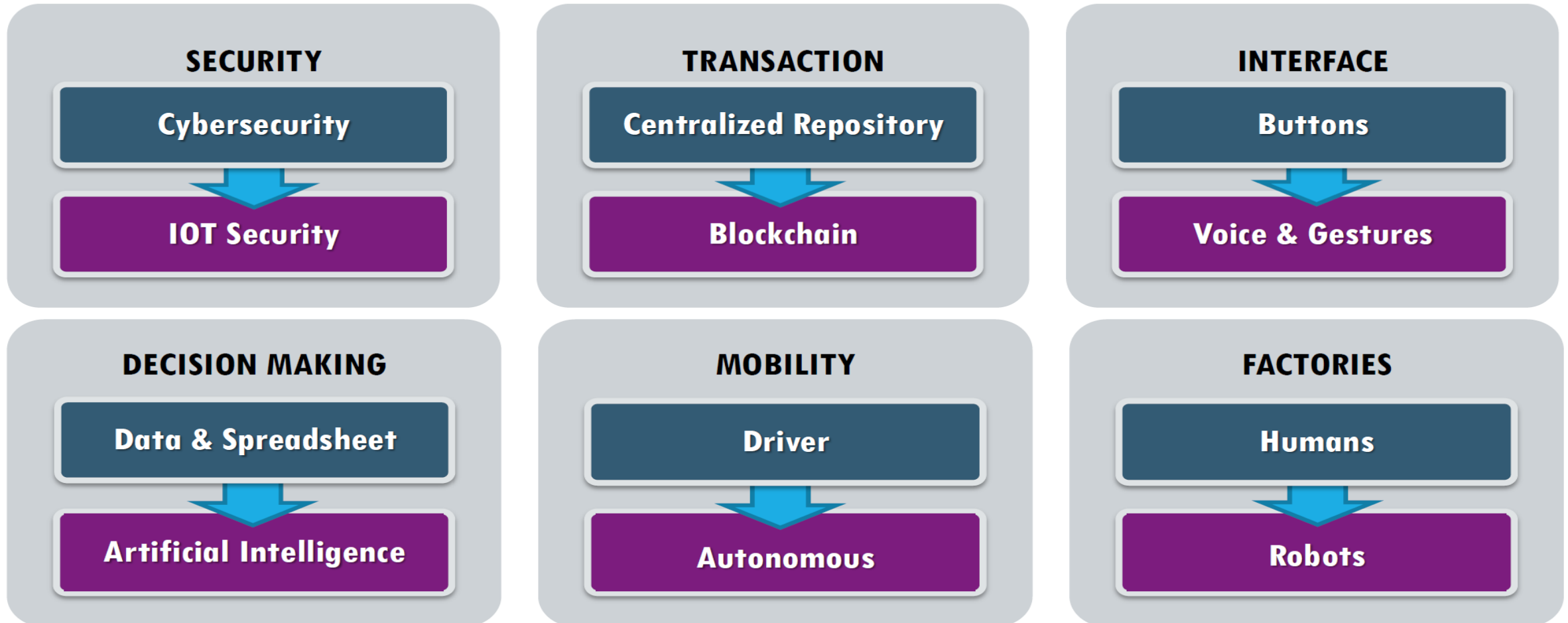
4.0



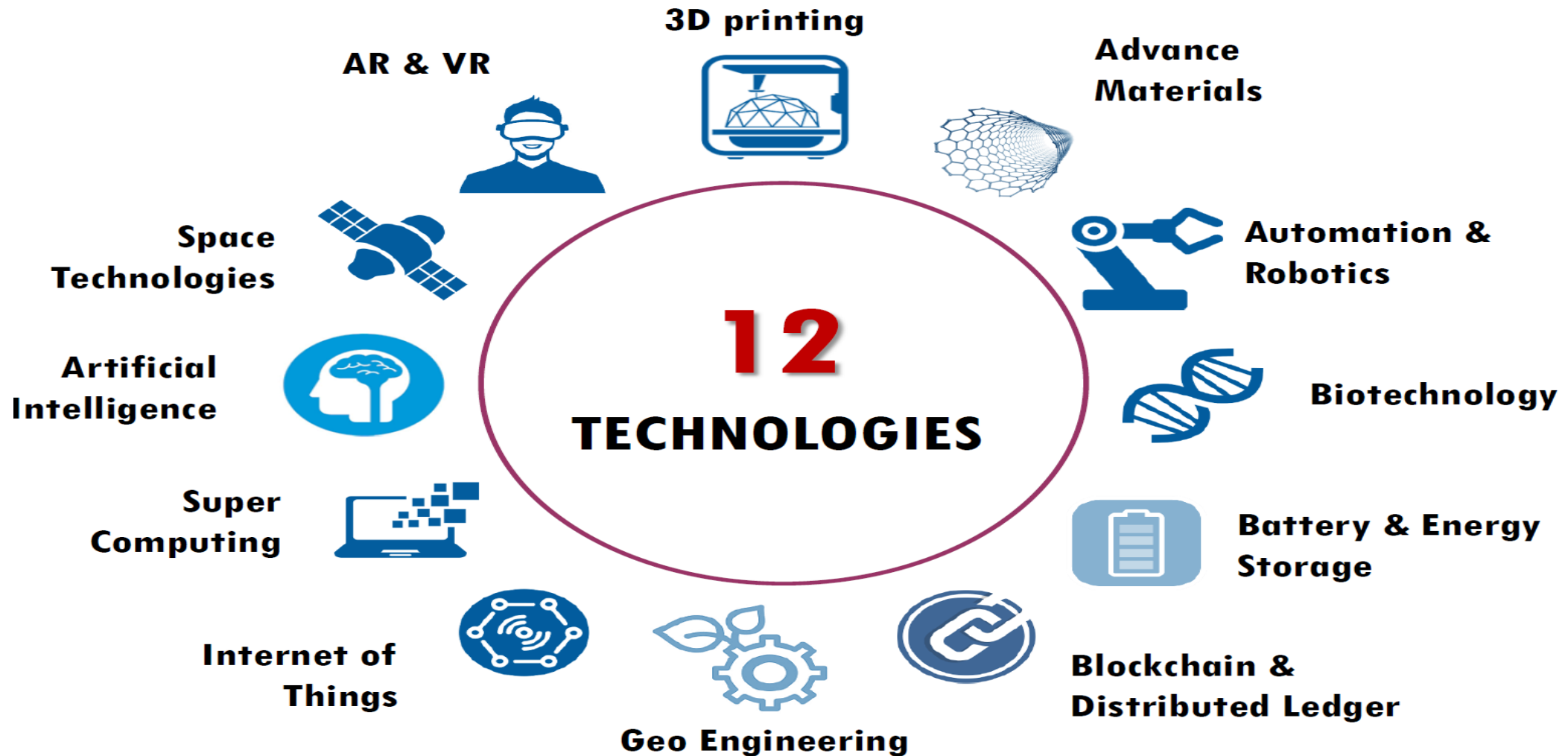
Based on the use of cyber physical systems.

THE 4th INDUSTRIAL REVOLUTION

Affects almost every facets of business sectors and arenas

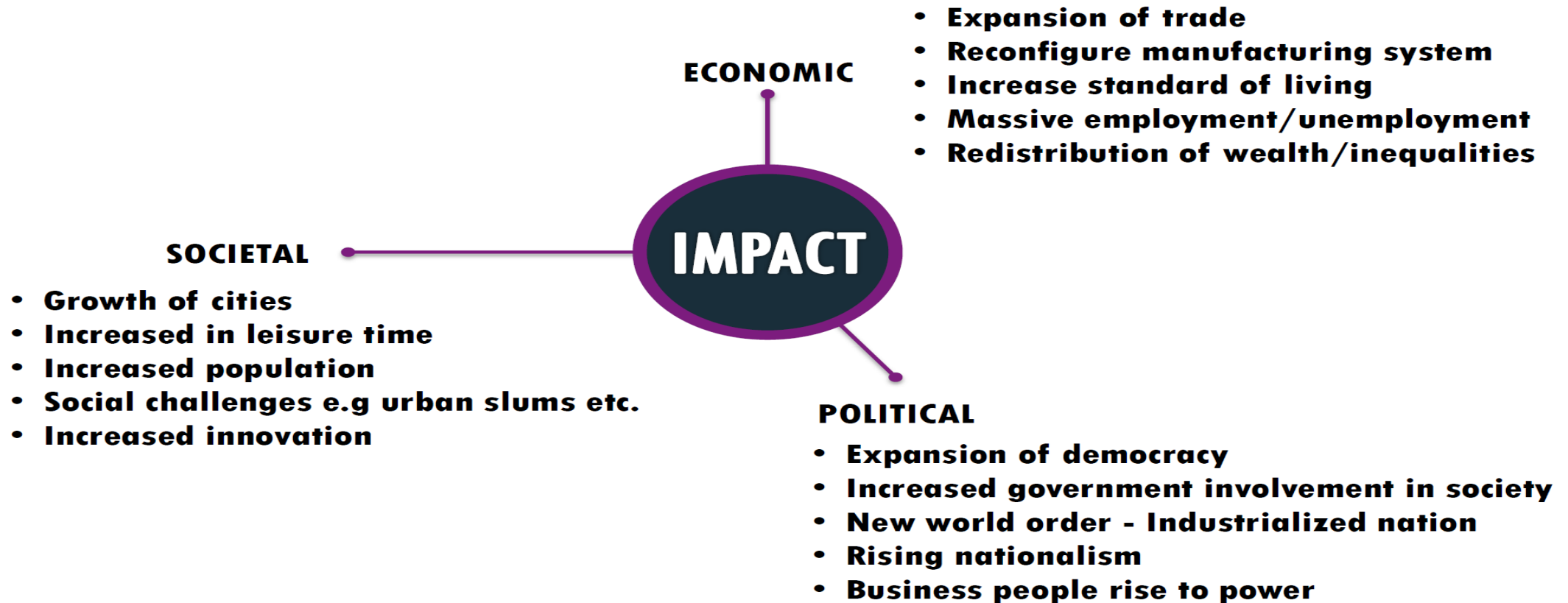


Basic Technologies for 4IR



IMPACT : Where and How?

THE 4th INDUSTRIAL REVOLUTION



JOBS THAT DID NOT EXIST 10 YEARS AGO

BLOGGER



**SUSTAINABILITY
MANAGER**



DRONE OPERATOR



APPS DEVELOPER



**SOCIAL MEDIA
STRATEGIST**



DATA SCIENTIST



Requirements in Leather Sector



Seamless Communication

Share your thoughts and ideas on the digital sphere and improve collaboration between your teams, partners and suppliers globally.



Faster Delivery

Accelerate your garment creation process and get faster to market by receiving early feedback, making instant style decisions, and automating processes.



95% Accuracy

Leverage the use of technology to create true to life 3D virtual samples that can instantly be adjusted and fine-tuned according to your needs and desires.



Increased Productivity

Save time, money, manual labor, and use of materials by creating true to life virtual samples at the push of a button.



Sustainable Workflow

Enjoy the benefits of a digital workflow and close the loop on sustainability by creating and approving entire collections without cutting a single piece of fabric.

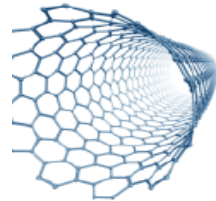
Our Future Target (Skilled Manpower Preparation)

1. Upscaling & Improve Management Skills
2. Reskilled Worker Development & Mentorship
3. Develop Technical & Specialized Skills Training Program



Training Program For Mid Level and Senior Management in leather Sectors

3D printing



**Advance
Materials**



**Automation &
Robotics**



**Blockchain &
Distributed Ledger**



Online Trainings for
Midlevel Management

Advance Level Training



Geo Engineering

**Internet of
Things**



**Super
Computing**



**Artificial
Intelligence**



AR & VR



Advance Level Training for Auto Worker Development

3D Model Presentation for Buyer



3D Automated Cutting Bangladesh



Progress in Vietnam and Other Countries



3D Model Presentation for Buyer



Automated Voice Control Sewing Machine



Automated Leather Processing with Tracing

Top 10 Largest Leather Importers and Exporters

Rank	Country	2019 Import Value (US\$ million)
1	Italy	2,413.6
2	China	967
3	Mexico	772.3
4	USA	603.5
5	Romania	442.7
6	Portugal	418.7
7	Poland	388.7
8	South Korea	385.1
9	Hungary	238.1
10	Japan	192.9

Rank	Country	2019 Export Value (US\$ million)
1	Italy	3,819.8
2	USA	1,700.4
3	China	909.1
4	South Korea	509.5
5	UK	338.2
6	Mexico	316.9
7	Poland	269
8	Pakistan	228
9	New Zealand	179
10	Canada	159.8

Basic Team Members

Sl. No.	Name	Qualification (Basic Education)	Relevant Experience (Year)
01	Dr. Md. Mazedul Haque	PhD, Netherland	18
02	Dr. Sayed Md. Nazim Uddin	PhD, Canada	13
03	Dr. Razib Amirul Islam	PhD, Canada	12
04	Dr. Zahanara Parvin	PhD, Japan	12
05	Abu Jubayer	M. Sc. (BUET)	12
06	Sadequr Rahman	M. Sc. (BUET)	10
07	Emdad Ali	M. Sc. (JU)	18
08	Jinnat Ara Khatun	M. ED (DU)	14
09	Mehedi Hassan	M. S. S. (DU), IT	10
10	Nazmul Hassan	B. SC. In CSE, (UAP), IT	8
11	Sanjida Rahman	B. SC. In CSE, (CUET), IT	8
12	Tanvir Rahman	B. SC. In CSE, (CUET), IT	5
13	Salim Ahmed	B. SC. In CSE, (BUET), IT	5
14	IT Support Technician (6)	Various	Various
15	Office Staff (7)	Various	Various

Tentative Funding Sources

1. Different Ministry Project (Labor Ministry, PM Office, ICT, A2I and others)
2. Bank Fund for Green Project Development
3. Foreign Investment in Leather Sector
4. World Bank Running Project
5. World Bank Upcoming Project
6. ADB Running Project
7. ADB Upcoming Project
8. EU Running Project
9. NSDA Running and Upcoming Project
10. ILO and Other UN Organization Projects
11. Chamber of Commerce Projects
12. Others

Our Basic Activities

Project Procurement

1. Project Conceptualization
2. Concept Note preparation
3. Donor Agencies and Ministry Proposal Preparation
4. File Processing
5. Fund Allocation
6. Banking Fund Management
7. Green fund Management

Project Implementation

1. International Training Arrangement
2. Master ToT Preparation
3. Field Training Implementation
4. Online Training Program Arrangement (Classroom and Trainer Module)
5. Cloud Based Hands on Training Program
6. Procurement and Setup advance level technologies for factories
7. Run Online based market for leather sectors

Benefits of Leather Trade Organization (TO)

1. More International Buyers and More Export
2. Demand of Era and Change
3. Different Loan & Green Fund
4. Skill development, SME improvement & other relevant projects
5. Advance Level Mass Production in House
6. Advance for 4IR activities which Must Come
7. Compete International Market in Advance
8. New Bank Loan for Members
9. International Project Fund Gain
10. Skilled Manpower Development for Factories
11. New start for committee
12. Acceptance to Honorable Prime Minister, People Republic of Bangladesh
13. National and International Reputation
14. Start a new concept for All Members
15. Benefit in the long run

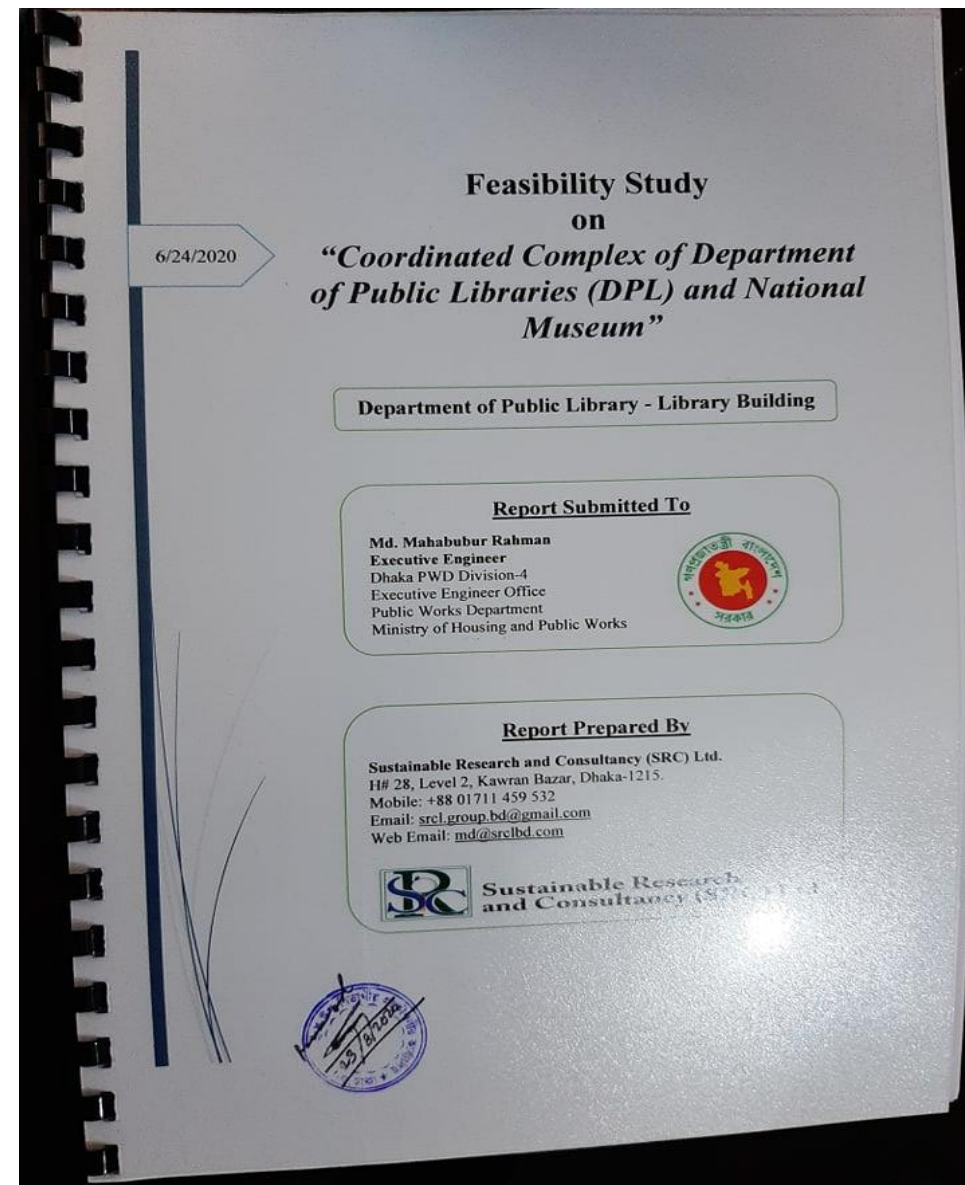
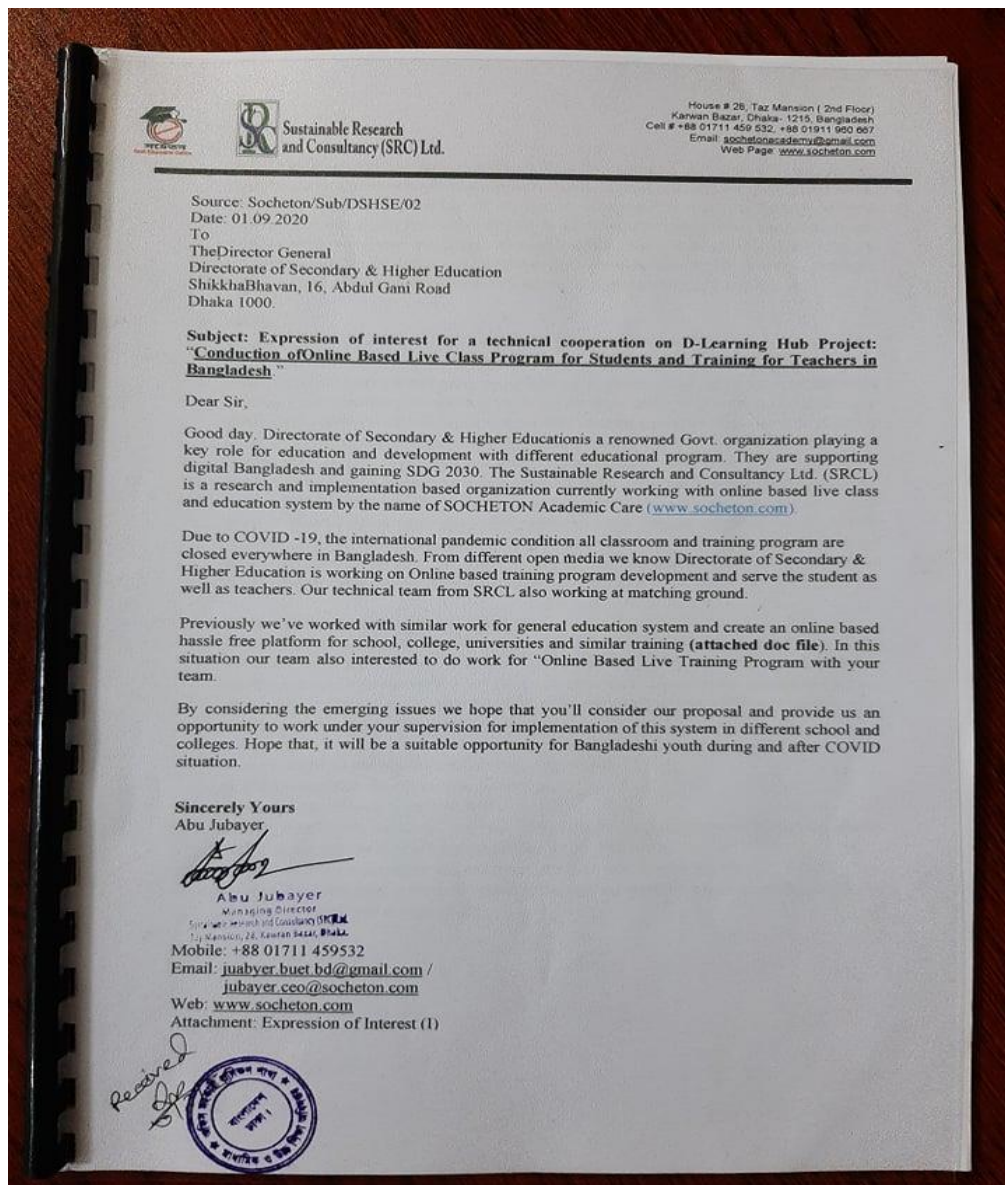
Benefits of SRCL

1. Improve the Advance level of Training program in Bangladesh
2. Become a New Entrepreneur for 4IR & relevant sector in industry
3. Advance Technological Development for Skilled Sector and Become pioneer
4. General Consultancy Fees from this project Procurement
5. Service Charges from different loan or green fund management
6. General remuneration from project management

Why Choose Us?

- Bangladesh Govt. Registered Company for Consultancy (Incorporation, TIN, VAT and Trade License)
- National and International Experienced Team members
- International Trainer Pool (Australia, Singapore, Sri Lanka, India and Japan)
- Improved Online Training Facilities
- Different Running Training Projects (www.socheton.com)
- Relevant with different ministry of Government and other Donor Organization.

Some Running Projects





Sustainable Research
and Consultancy (SRC) Ltd.

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Karwan Bazar, Dhaka- 1215, Bangladesh
Cell # +88 01711 459 532, +88 01911 960 667
Email: srchetonacademy@gmail.com
Web Page: www.srcheton.com

Source: SRCL/FSCD/04
Date: 09.08.2020
To
Director General
Bangladesh Fire Service and Civil Defense Department
36, 48 Kazi Allaudin Rd, Dhaka 1000.

Subject: Expression of interest for a project on "Urban Fire Safety Readiness project."

Dear Sir,

Good day. The Bangladesh Fire Service and Civil Defense Department (FSCD) is a renowned Govt. organization playing a key role for Fire safety and preparedness in Bangladesh since a long time. They are supporting digital Safe Bangladesh and gaining SDG 2030. The Sustainable Research and Consultancy Ltd. (SRCL) is a training, research and implementation based organization currently working with different fire safety readiness program and activities.

At present situation, basic fire safety training for different level of stakeholders are required for safety management and minimize the loss of lives and properties during fire. FSCD is working in this sector proudly. However, our team from SRCL is trying to develop these types of training and facility management program in private sector also.

By considering the emerging issues we hope that you'll consider our proposal and provide us an opportunity to work under your supervision. Hope that, it will be a suitable opportunity for Bangladeshi youth during and after COVID situation.

Sincerely Yours

Abu Jubayer
Managing Director
Sustainable Research and Consultancy (SRC) Ltd.
Taj Mansion, 28, Karwan Bazar, Dhaka.

Mobile: +88 01711 459532
Email: juabayer.buet.bd@gmail.com
Web: www.srcheton.com

Attachment: Expression of Interest (I) and legal documents



6/24/2020

**Feasibility Study
on
“Establishment of National Museum
Complex at Dhaka”**

Bangladesh National Museum

Report Submitted To

Md. Mahabubur Rahman
Executive Engineer
Dhaka PWD Division-4
Executive Engineer Office
Public Works Department
Ministry of Housing and Public Works
Peoples Republic of Bangladesh.



Report Prepared By

Sustainable Research and Consultancy (SRC) Ltd.
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Email: srcl.group.bd@gmail.com
Web Email: md@srclbd.com



**Sustainable Research
and Consultancy (SRC) Ltd.**

Received
13/9/2020
Khalidur Rahman
S.D.F. PWD
(কল্যাণ কুমার বসু)
উপ-বিভাগীয় প্রকৌশলী
ঢাকা পল্লভূমি উপ-বিভাগ-৫
সেগুনবাগিচা, ঢাকা।



Bangladesh Association of International Recruiting Agencies (BAIRA)

Date: 01.09.2020

To Whom It May Concern

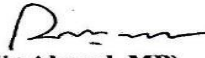
We the Executive Committee (EC) of Bangladesh Association of International Recruiting Agencies (BAIRA) are decided to appoint Sustainable Research and Consultancy Ltd. (SRCL) as Consultant firm for different national and international project management. We decided this agenda at EC meeting dated 9th March, 2020 with presence of President, Secretary General and all other members of EC. According to our discussion, BAIRA will perform as employer and SRCL will perform as consultant firm. Mr. Abu Jubayer from SRCL will accomplish as a chief coordinator by way of secretary on behalf of Project Management Unit (PMU) of BAIRA and complete all the project relevant works as necessary as part of consultancy.

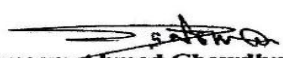
Through this appointment BAIRA will receive different fund facilities like as, apply different national and international fund, skill training with fund for migrant, infrastructure development fund, different Govt. project fund, BAIRA members training institutes development, different new skill (care giver, nurse, old care, baby sitters, security guards and others) development, project management facilities and other relevant activities.

As we discussed the Chief coordinator Mr. Abu Jubayer will work for different donor based projects like SEIP, STEP, ASSET, SUDOKKHO, Be Skillful, ASTHA and like all others, different Govt. based projects from diverse departments and other relevant projects as necessary. The consultant team will contact with others (Govt. projects and donor based program), procure a project and run the project with all relevant doings. All level of training centers and trainers relevant to project will attach with this PMU. The consultant team will attain all kinds of official facilities from BAIRA, running an office at BAIRA Bhaban, attend official meeting, using official identities and all other related facilities as necessary. The team will direct report only to President and Secretary General of BAIRA.

The Executive committee of BAIRA appoint SRCL from 10th March 2020 with consent of all EC members for conducting all kinds of project works and relevant activities. After getting the project fund SRCL will receive **Percent** of total project fund volume as their consultancy fees for each project procurement. All other relevant financial interests and activities will be managed and distributed as signed contract among BAIRA and SRCL.

We undersigned people are informed, interested and assigned to SRCL for all kinds of mentioned project management of BAIRA. Please do help all the consultant team members if necessary and we wish their success in long run.


(Benjir Ahmed, MP)
President, BAIRA
Benjir Ahmed, M.P.
President, BAIRA


(Shameem Ahmed Chowdhury Noman)
Secretary General, BAIRA
Shameem Ahmed Chowdhury Noman
Secretary General, BAIRA


(Abu Jubayer)
Chief Coordinator, BAIRA
Project Management Unit (PMU)
Abu Jubayer
Managing Director
Sustainable Research and Consultancy (SRCL) Ltd.
Taj Mansion, 28, Kawran Bazar, Dhaka.



BKMEA

Bangladesh Knitwear Manufacturers & Exporters Association

"Working Today To Shine Tomorrow"

BKMEA/Letter/2020/09/4789

Date: 20.09.20

To,
Abu Jubayer
Managing Director
Sustainable Research and Consultancy Ltd. (SRCL)
28, Kawran Bazar, Dhaka-1215.

To Whom It May Concern

Subject: Reply of submitted Expression of Interest for "Mutual Collaborative Fund Raising Program for 4th Industrial Revolution (4IR) Activities in Bangladesh".

Dear Mr. Abu Jubayer, According to our discussion (at BKMEA, Dhaka Office, Dated: 07.09.2020, Time: 10.30 am) the 4th Industrial Revolution (4IR) Activities are important for Bangladesh Knitwear as well as other sectors. Our technical team found your EoI and read carefully. After general discussion, we are interested to start further activities relevant to 4th IR in Knitwear sector by making a team jointly.

Please submit your full proposal with general terms and conditions from your organization to BKMEA officially. We'll revise your proposal as well as presentation with technical team and after getting clearance from EC members we'll start work by making a joint team as soon as possible.

Please submit the full proposal and we wish your success in long run.

Regards

Mohammad Naim,
1st Vice President
Bangladesh Knitwear Manufacturers and Exporters Association (BKMEA)
13/A Sonargaon Road, Banglamotor,
Dhaka 1000.

Head Office : Press Club Bhaban (1st & 3rd Floor), 233/1, B.B. Road, Narayanganj-1400, Bangladesh
Phone : +880 2 7640535, 7641295, 7641857, Fax: +880 2 7630609
Dhaka Office : Planners Tower (4th Floor), 13/A, Sonargaon Road, Banglamotor, Dhaka-1000, Bangladesh
Phone : +880 2 58615964, 58615910, 9670498, 9672257, Fax : +880 2 9673337
Chittagong Office : Chamber House (4th Floor), 38, Agrabad C/A, Chittagong, Bangladesh
Phone : +880 31 2514342, 2514345, Fax : +880 31 2514345
E-mail : info@bkmea.com, bkmea@bangla.net Log on : www.bkmea.com



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Karwan Bazar, Dhaka- 1215, Bangladesh
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Fax # +88 02 818 903 4
Cell # +88 01711 459 532
Email:

Source: 07.09.2020/BKMEA/07

Date: 07.09.2020

To
President
Bangladesh Knitwear Manufacturers and Exporters Association (BKMEA)
13/A Sonargaon Road, Banglamotor,
Dhaka 1000.

Subject: Submission of Expression of Interest for a “Mutual Collaborative Fund Raising Program for 4th Industrial Revolution (4IR) Activities in Bangladesh”.

Dear Sir,

Good day. The BKMEA is world recognized national knit sector leader organization working hard for development of its member's performance and earning foreign currency. Your organization is leading Bangladesh economy and gaining SDG 2030 since a long time.

We the Sustainable Research and Consultancy Ltd. (SRCL) is a govt. registered research and implementation based company working with 4th Industrial Revolution (4IR). Different donor organization and govt. ministry are interested to develop the 4IR practice and preparedness in Bangladesh. Your organization is doing a lot of work in this field and we also want to improve with your team at matching field.

Our team can formalize new project and procure the fund from different organizations and donor agencies. We are interested to make a collaboration program with BKMEA with due permission of you and your executive committee.

A proposal is attached herewith for your ready reference. Please accept our EoI and if you agree we can work together in short future. Thanks in advance for your cooperation.

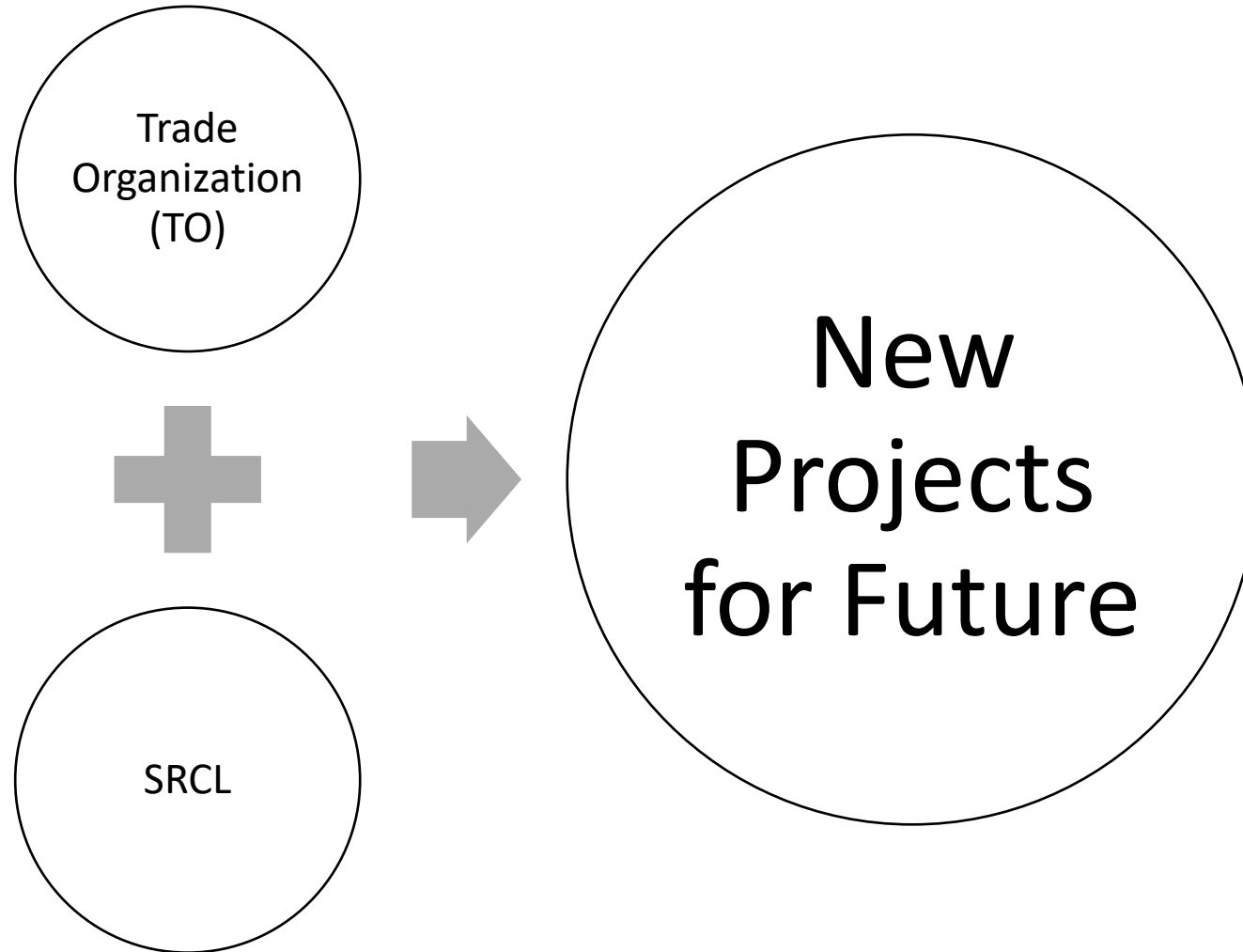
Sincerely Yours

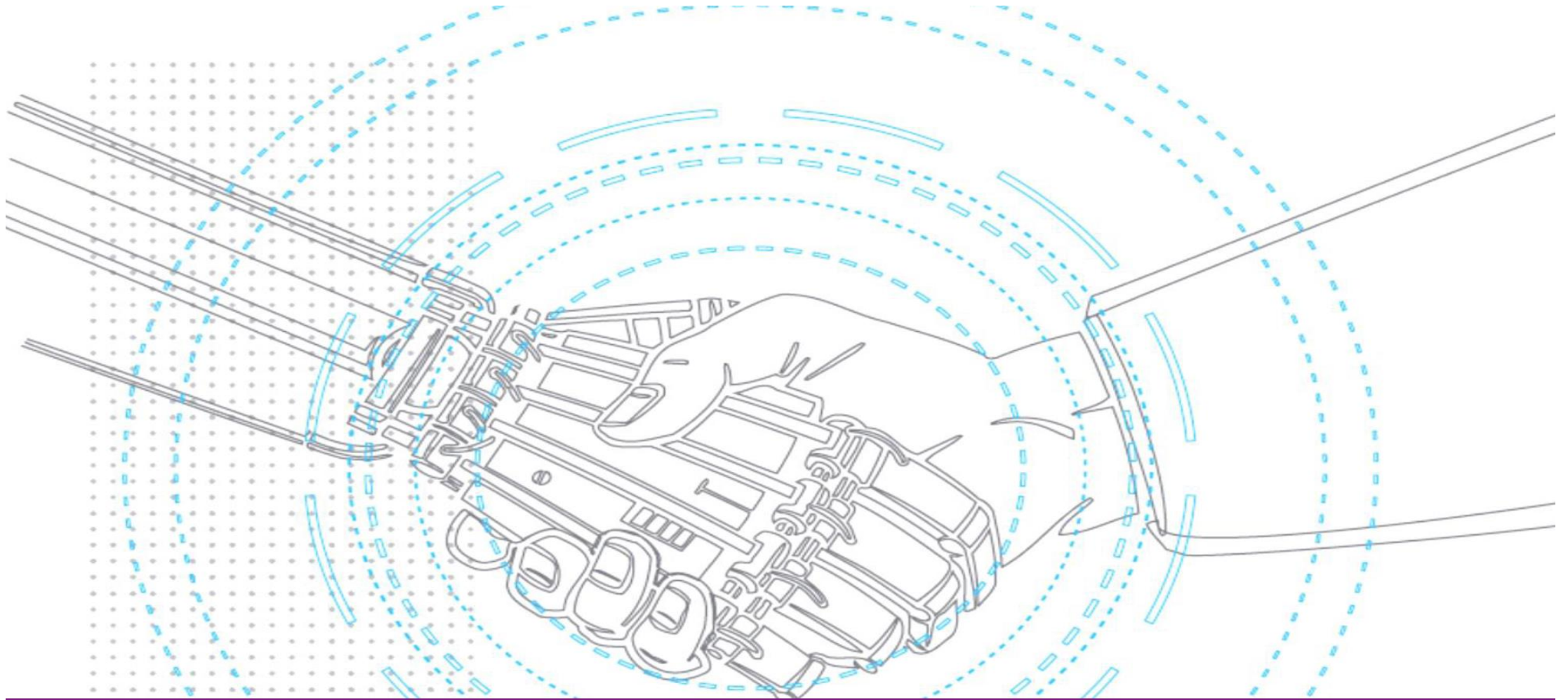
Abu Jubayer
Managing Director
Sustainable Research and Consultancy (SRC) Ltd.
Mansion, 28, Karwan Bazar, Dhaka.



Continuing

Collaboration Point





THANK YOU

Sustainable Research and Consultancy Ltd. (SRCL)