THE TRANSFORM FUND

IsDB
البنك الإسلامي للتنمية
Islamic Development Bank

About the IsDB

The Islamic Development Bank (IsDB) is a multilateral development bank that has been working for over 40years to improve the lives of the communities it serves by delivering impact at scale. We bring together 57-membercountries across four continents, touching the lives of 1 in 5of the world's population. We are one of the world's largest multilateral development banks, with an annual volume of operations above $10 billion and subscribed capital of $33billion.
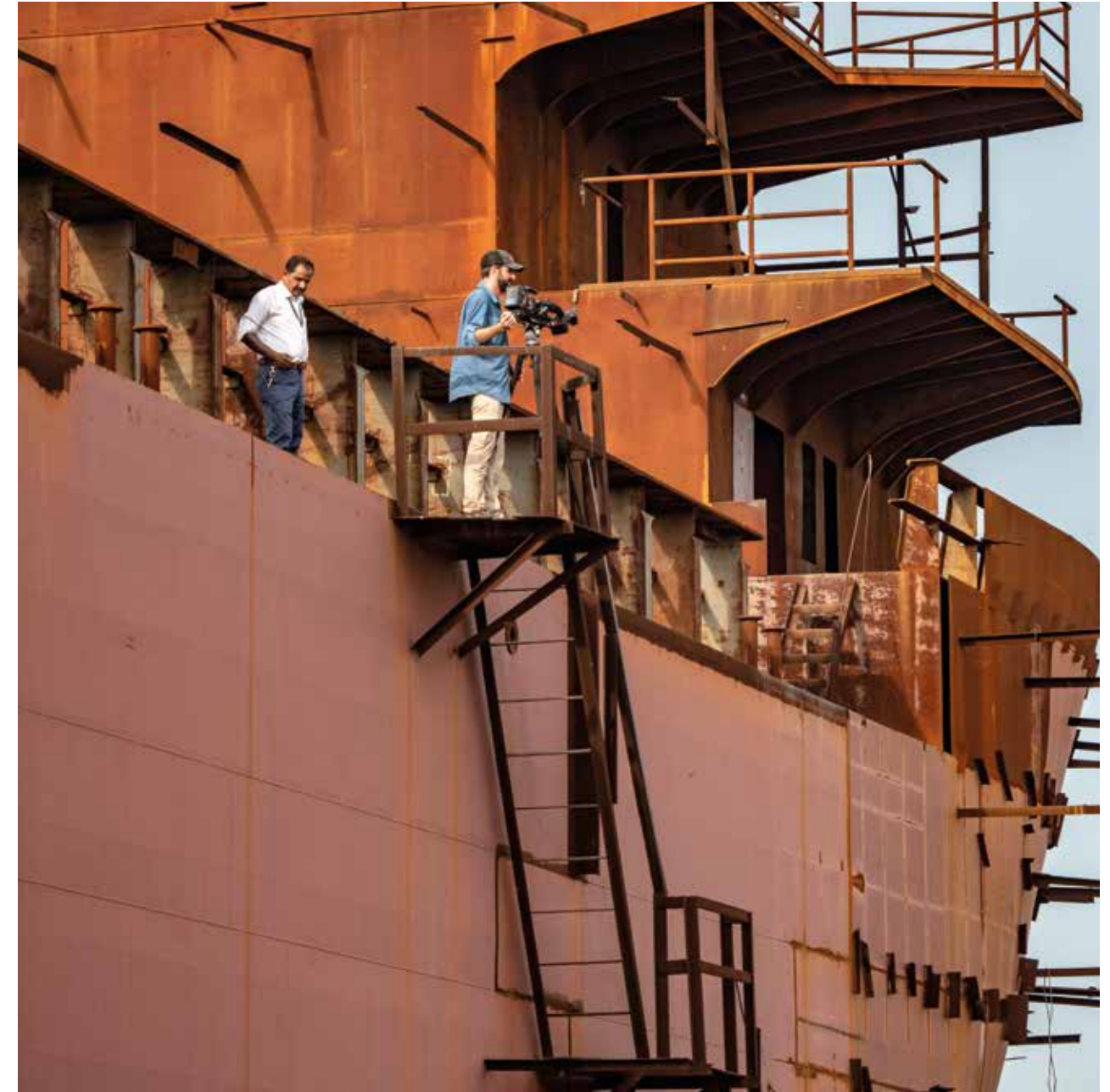
Our mission is to equip people to drive their own economic and social progress at scale, putting the infrastructure in place to enable them to fulfil their potential. We build collaborative partnerships between communities and nations, and work towards the UN Sustainable Development Goals, by harnessing the power of Science, Technology and Innovation (STI)and fostering ethical and sustainable solutions to the world's greatest development challenges.

Given the rate of change, sustainable development can only be achieved through a new business model that focuses resources on enhancing countries' competitiveness in strategic sectors in which they have, and can build, a global comparative advantage. This will lead to better integration of domestic value chains with the global market and the consequent creation of decent jobs domestically, thus tackling the underlying root causes of poverty.

However, to enhance competitiveness, Member Countries are required to tackle the challenge of implementing a fourth generation of industrialisation, which is fuelled by advances in Science, Technology, and Innovation (STI). This fourth generation revolutionises all aspects of life and creates new conditions that affect data requirements, cross-border cooperation and technology transfer, as well as the level of investment in STI by the private sector, financial services and technology, enabling a regulatory environment as well as physical smart infrastructure.

The Bank is advancing STI across its member countries by focusing on three specific areas, which include:

1. Supporting and empowering young innovators and entrepreneurs through mentoring, funding, and training, arming them with the necessary tools, resources, and contacts to develop their strategies and expand their businesses to empower them to build their future and help their communities.

2. Assisting member countries in developing strategies and policies that support the establishment of an STI ecosystem. In cooperation with UNESCO, IsDB is working to establish an institutional STI policy framework, which will be implemented soon in two member countries, Uzbekistan and Mozambique.

3. Integrating STI into the IsDB business model, allowing the Bank to prioritize its projects in areas where impact is the highest, bringing development partners to work together, and participate in mobilizing financing for specific industries to create an enabling environment to transfer technology from advanced nations to these countries.

The STI department has played a central role in redefining the bank's development model, showcasing the IsDB with a modern, people-centered approach that can keep pace with new global challenges. The key achievements of the STI department are:

1. **The Engage Platform** which serves as a community platform for the world's developing innovators, SMEs, private sector, NGOs, companies and Governments and Investors to enable them to benefit from tailored mentoring services, access to financial resources and expert know-how that will help them take their ideas and proposals to an internationally recognized standard, converting them into development solutions

2. **The Transform Fund**, with an initial target size of US$ 500 million to support its Member Countries in finding practical solutions to their key development challenges through the power of innovation, facilitating the commercialization of technology, and developing entrepreneurship.

3. The **Digitalization of IsDB** activities to ensure that the organizational work and communication is digitized in an intuitive and agile system that will promote transparency and collaborative teamwork across the Bank.

4. A new strategy for the implementation of the **Scholarship Programmes** focusing on Sustainability Science while continuing to assist in achieving the SDGs.

5. Established the **STI crowd funding platform**, IsDB Innovate, with a robust and clear Business/Action Marketing Plan and launched a pilot Platform in Indonesia.

6. The Bank collaborated with the International Organization for the Protection of Intellectual Property to establish an **intellectual property unit in the IsDB Group**.

7. The development of **STI Policy Framework** programme, in collaboration with UNESCO, which will help IsDB become more effective in terms of the development interventions in our Member Countries by streamlining STI in all related policies and practices

8. The launch of its own STI competition, **The Transformers Roadshow** – a competition which focuses on finding and supporting new ideas that can help communities build their own healthy and prosperous futures.

About The Engage Platform

In early 2018, the IsDB launched Engage, a digital hub to connect scientists, innovators, and entrepreneurs from all over the world to promote technological and scientific solutions to accelerate progress towards the Sustainable Development Goals (SDGs). This is the first platform of its kind for the developing world, and focuses on six SDGs, ultimately helping to improve the lives of millions of people.

Its key focus is to accelerate progress towards achieving:
• Goal 2: Zero Hunger
• Goal 3: Good Health and Well Being
• Goal 6: Clean Water and Sanitation
• Goal 7: Affordable and Clean Energy
• Goal 9: Improved industry, innovation and infrastructure.

We want to give people the tools they need to help themselves, their communities and their countries, restoring their pride and fulfilling their potential. We believe that by building the right infrastructure, we can enable our member citizens to drive their own economic and social development in the future. We foster innovative and sustainable solutions to the world's greatest development challenges, as we work towards the UN Sustainable Development Goals. We champion STI-led solutions for the development sector, through boosting skills, sourcing ideas and transforming those visions into real solutions through our Engage Platform and Transform Fund.

Engage is a global innovation ecosystem for the world's developing communities, connecting innovation with market opportunities and funding. With the right tools and a supportive environment, innovators and businesses can harness the great potential of STI as strategic drivers for economic growth among their local communities Engage offers three main services:

1. Match Making
2. Knowledge Transfer
3. Call for Innovation

Through Engage, the world's developing communities including innovators, SMEs, private sector, NGOs, companies and Governments benefit from tailored mentoring services, access to financial resources and expert know-how that will help them take their ideas and proposals to an internationally recognized standard. It is designed to be the perfect online environment to interact and engage with a large network of stakeholders from around the world such as NGOs, Government policymakers, researchers, scientists, private sector to showcase their imaginative ideas to address sustainability challenges in IsDB member countries.

The President of the IsDB, Dr. Bandar Hajjar, launched Engage at an event hosted at Bloomberg's European Headquarters in London, alongside the Under-Secretary-General of the United Nations and Executive Secretary, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), Dr. Shamshad Akhtar, Dr. Hayat Sindi, Chief Scientific Advisor to the IsDB and a group of business, innovation and development experts. The day concluded with a Memorandum of Understanding being signed between the IsDB, UNESCAP and the Shell Foundation. Engage provides a space to meet, interact with and challenge other people to find innovative solutions to improve the lives of millions of people in the developing world and for young people in particular to realize their full potential.

The Transform Fund

a.   About The Transform Fund

Following the Engage launch, the IsDB established the Transform Fund that works to further ensure innovators, start-ups and corporations have access to a steady flow of financing facilities.

The Transform Fund is a $500 million fund, one of the largest of its kind. Innovators, scientists, SMEs, private companies, NGOs, Governments and academic institutions, from anywhere across the world, are all eligible to apply for funding from Transform via its website.

The Transform Fund is about giving people and organisations the resources they need to realise their goals and change the world. To do this, the Fund provides seed money for innovators, startups and SMEs to develop their ideas and compose a strong business proposal. Transform can also provide funding for the commercialization of technology developed through sustained partnerships among researchers and entrepreneurs as well as capacity building.

Through Transform, innovative ideas will be translated into real development solutions that will address development challenges and empower the communities and youth in particular to realize their full potential. It will provide seed money for innovators, start-ups and SMEs, as well as funding partnerships between researchers and entrepreneurs that will tackle humanitarian challenges in line with the UN Global Goals. Our recently launched $500m Transform Fund is a strong example of how we are catalysing change and enabling countries to innovate and grow for themselves. Rather than a single injection of funds or aid, Transform will help eligible scientists, innovators, SMEs and institutions that need initial funding and growth capital for their ideas and projects to grow and to succeed. These ideas will result in technologies and solutions that will contribute to the development of IsDB member countries and Muslim communities in non-member countries. This fund will have a long-term impact on the member country's economies creating jobs and generating trade.

The IsDB welcomes applications from all innovators, scientists, SMEs, private companies, NGOs, Governments and academic institutions to apply for funding by submitting a Call For Innovation on the IsDB Engage website.

The world is developing faster than ever before, with science and technology offering innovative solutions to major economic social and health challenges. At the IsDB, we know that real financial support in the science and technology sectors is needed in order to drive inclusive and sustainable development. The Transform Fund will support the Muslim world through the power of innovation. It will provide seed money for start-ups and SMEs to develop their ideas, facilitate the commercialization of technology, and promote joint activity among member countries, researchers and entrepreneurs. Innovators, scientists, SMEs private companies, NGOs, Governments and academic institutions are eligible to apply for funding under these four categories:

Funding Categories

1) Proof of Concept

This category supports scientists and innovators who have proven concepts of innovative ideas and who are in need for initial funding/seed money to develop their ideas into pilot project interventions/development solutions with potential business proposal. Such candidates are eligible for receiving grant supports ranging from US$ 50,000 to US$100,000, subject to the following criteria:

Innovativeness: the idea must have enough argument to be an innovation (improvement over existing) or creative (something new). It must bring benefit and have a potential to help MCs and/or Muslim communities in non-member countries to address major development challenges related to education, health, water and sanitation, agriculture and infrastructure.

Impact & Outreach: the idea must have an impact to address a particular developmental challenge in any IsDB MC or non-MC (with priority given to LDMCs) related to one of the following SDGs: no hunger (food security), good health and well-being, quality education, clean water and sanitation, affordable & clean energy, industry ,innovation and infrastructure.

Doable / Practical: the idea must be scientifically sound and can be implemented using existing technologies.

Scalable / Replicable: the idea must be scalable/ replicable in IsDB MCs (especially in LDMCs) without the need for a major reinvention or adjustment.

Sustainability: the idea must demonstrate a self-growing potential in terms of continuing its effect (benefits and services).

Patentable with Commercial potential: the idea must have a potential for patenting and developing into a commercial product or a service with an expected benefit.

2) Start up

This category is designed to support candidates (mainly scientists, SMEs, entrepreneurs, NGOs and research institutions) who successfully piloted project interventions in a MC of the Bank or assisted Muslim communities in a non-member country, which involve innovative technologies/solutions and in need for additional funding to replicate and/or scale up the projects in other MCs, especially in LDMCs. Such candidates are eligible for up to US$ 300,000 in the form of equity participation by the Bank, subject to the following criteria:

Innovativeness: the project must involve a proven technology or a solution to a specific problem/ development challenge in one of the key sectors related to the following SDGs: No Hunger (food security), good health and well-being, quality education, clean water and sanitation, affordable & clean energy, industry, innovation and infrastructure. It must clearly demonstrate how it assisted member countries or Muslim communities in non- member countries in overcoming this challenge.

Impact and outreach: the project must have key outcomes that demonstrate a clear impact on the community. The benefits of the projects must have reached large number of beneficiaries and brought out social changes to them by providing access to its services, facilities and products.

Potential Replicability: the project must encompass principle activities that can be easily replicated, transferred or adapted to other environment/countries, benefiting especially LDMCs;

Sustainability: the project design must have special measures, which would help ensuring that the project would be effective in contributing to the desired longer-term impact and would continue its effect (benefits and services) and self-growth;

Patent Registration: the technology involved in the project must has a registered patent status or trade mark, protecting others from using, offering for sale or selling it, etc. Please provide evidence;

Business Model: the project must have a robust embedded business model with positive feasibility study reflecting target markets, forecasted financial returns, social and economic indicators.

3) Commercialisation

This category is designed to support candidates (scientists, SMEs, entrepreneurs, NGOs and research institutions) which implemented and successfully scaled up innovative projects in a number of MCs and in need of additional funding for the commercialization of the services and products developed by those projects.

Such candidates/institutions are eligible for up to US$ 1 million (one million United States Dollars) as equity participation by the Bank, provided that their projects match the following criteria:

Innovation: the project has applied its underling scientific idea in an innovative way to address developmental challenges faced by MCs by contributing to one of the following SDGs: No Hunger (food security), good health and well-being, quality education, clean water and sanitation, affordable & clean energy, industry, innovation and infrastructure.

Impact and outreach: the project was able to deliver measurable outputs and outcomes that brought out social changes to large number of beneficiaries inclusively (e.g. including disadvantaged women and youth, children with disabilities, refugees, etc.) via its services and products.

Replicability: the core functions and activities of the project can be adopted to new environment and easily replicated in other MCs.

Sustainability: the project entails mechanisms that ensure its continuity and self-growth in the long term, independent of the initial funding.

Business Plan & Market Opportunity: the project must have clear business model highlighting, among others, its cost vs benefits, cash flow, target market, profit margin, etc. as well as reflects economic feasibility of transferring the developed technology by the project into commercial product or service. It must also reflect a clear market analysis describing competitors and demonstrating potential market opportunities for the project.

4) Capacity Building

This category calls for innovation, among Government entities, universities, research institutions, science foundations, technology parks and SMEs, to submit CB proposals that will strengthen the STI capacities of MCs. Successful applicants must fulfil the following criteria:

Identification of STI Capacity Building Challenges (assessments/needs): the proposal must start by clearly identifying existing key STI capacities in a particular IsDB MC (with priority given to LDMCs) and additional capacities needed (at the three levels: individual, institutional and enabling environment) to address a specific development challenge related to one of the following SDGs: No Hunger (food security), good health and well-being, quality education, clean water and sanitation, affordable & clean energy, industry, innovation and infrastructure.

Innovativeness of the Capacity Building Response: the proposed Capacity Building intervention must articulate a clear and specific capacity building objective(s) with suggested activities, and clarify how these activities are expected to address the identified capacity gaps/challenges. In addition, the proposed Capacity Building intervention must demonstrate the innovation and creativity behind it describing how the intervention is expected to boost STI capacities in MCs to address one of the above-mentioned development challenges.

Impact and Outreach: the Capacity Building intervention must have key outputs and outcomes that demonstrate a clear impact on the various elements of the STI ecosystem. It must also reflect the type(s) and number of beneficiaries/institutions that will benefit from the intervention and the sort of capacity changes it will bring out to them.

Sustainability: the proposal must have special measures embedded in its design that will ensure the continuity of its impact/results in the long term.

Estimated Cost & Implementation Plan: the Capacity Building intervention must clearly reflect the proposed activities, their expected deliverables and the estimated cost for each activity as well as the proposed financing plan reflecting the amount requested from the Bank and the expected contribution of other donors. It must also have a clear implementation plan, including the plan for the engagement of the various stakeholders in the recipient country
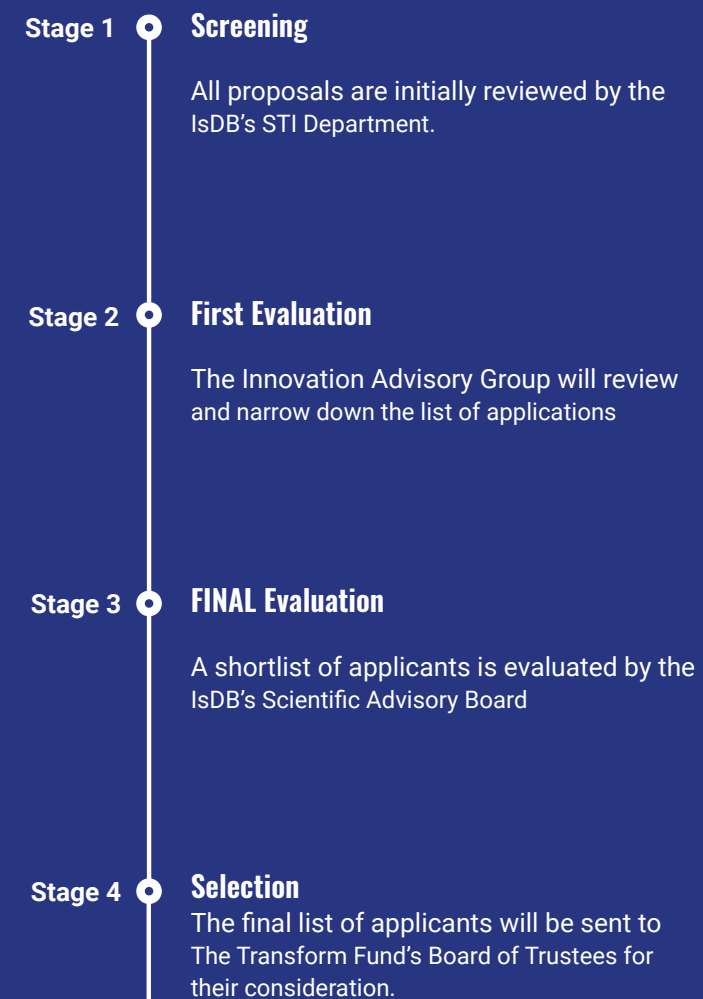
Applying for financing through The Transform Fund

Applicants will need to submit a 'Call for Innovation' via the IsDB Engage website
www.isdb-engage.org.

Each proposal must be accompanied by an initial concept note or detailed project proposal outlining their innovative solution to a challenge facing a member country or Muslim community in a non-member country.

All applications for funding will go through a rigorous approval process.

Stage 1

Screening

All proposals are initially reviewed by the IsDB's STI Department.

Stage 2

First Evaluation

The Innovation Advisory Group will review and narrow down the list of applications

Stage 3

FINAL Evaluation

A shortlist of applicants is evaluated by the IsDB's Scientific Advisory Board

Stage 4

Selection

The final list of applicants will be sent to The Transform Fund's Board of Trustees for their consideration.

Scientific Advisory Board

In addition to the financing made available to entrepreneurs, the fund will also provide legal help, advice on business models and advice on protecting intellectual property.

All applications for funding go through a rigorous approval process, which involves screening and evaluation by the IsDB STI Department, as well as independent reviews from external consultants.

To ensure a fair and accurate approval process, two high-level Boards were established to help review all applications:

The Scientific Advisory Board comprises of ten of the world's leading scientists and provides critical advice and guidance in setting the Bank's STI direction, not least in helping review important applications for funding.

The Board is comprised of the following members:

Dr. Hayat Sindi
Chief Scientific Advisor to the President of the Islamic Development Bank.

Dr. Hayat is a leading biotechnologist and a champion of science and technology in the Middle East. In 1995, she became the first woman from the Gulf to obtain a Ph.D. in biotechnology from Cambridge.

With a team from Harvard, she co- founded Diagnostics For All to create affordable diagnostic devices for people in impoverished regions. She has launched the i2 Institute for Imagination and Ingenuity to encourage innovation among young scientists, technologists and engineers.

Hayat Sindi is a Goodwill Ambassador for Sciences at UNESCO; one of 25 global experts selected by UN Secretary General Ban Ki Moon to the UN Scientific Advisory Board; and a member of the Ten Members Group to support the technological facilitation mechanism (TFM) for the SDGs.

Dr. Myrna Cunningham
President of the Centre for the Autonomy and Development of Indigenous Peoples (CADPI).

Dr. Myrna Cunningham Kain is a teacher and physician working for over two decades to advance the rights of indigenous women, knowledge on indigenous peoples and the impacts of climate change.

She has served as adviser to the President of the UN World Conference of Indigenous People, and on boards of the Global Fund for Women, Permanent UN Forum on Indigenous Issues, the Association for Women's Rights in Development (AWID), and The Hunger Project.

She is currently Chairperson of the Centre for Autonomy and Development of Indigenous People (CADPI) and Vice President of the board of the Latin American and Caribbean Indigenous People Development Fund.

Prof. Mohamed H. A. Hassan
Co-chair of IAP

Mohamed H. A. Hassan is co-chair of IAP, the Global Network of Science Academies, and chairman of the Council of the United Nations University (UNU). He also serves on a number of Boards of international organizations worldwide, including the Board of Trustees of Bibliotheca Alexandrina, Egypt; the Council of Science and Technology in Society (STS) Forum, Japan.

Dr. Hassan was also the founding Executive Director of the Academy of Science for the Developing World (TWAS) and President of the African Academy of Sciences.

Dr Abdallah S. Daar
Professor of Public Health Sciences and of Surgery, University of Toronto.

Dr. Abdallah Daar is Professor of Public Health Sciences at the Dalla Lana Faculty of Public Health, University of Toronto, with a cross-appointment in the Department of Surgery.

He is Senior Scientist at University Health/Toronto General Research Institute, and is Director of Ethics and Commercialisation at the Sandra Rotman Centre, University Health Network and University of Toronto

Professor Daar was the founding Chair of the Board of the Global Alliance for Chronic Diseases (2009-2011) and is Chair of the Advisory Board of the United Nations University International Institute of Global Health. He is also a member of the Board of Directors of Genome Canada.

Prof. Zakri Abdul Hamid
Science Adviser to the Prime Minister of Malaysia.

Since 2010, Professor Zakri has been Science Adviser to the Prime Minister of Malaysia. He is also the founding Chair of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) and a member of the UN Secretary- General's Scientific Advisory Board.

He sits on the Global Leadership Council of the Sustainable Development Solutions Network (SDSN) and has been appointed by the United Nations (UN) as the Co-Chairman of STI Advisory Board of the UN Economic and Social Commission for Asia and the Pacific (ESCAP).

Dr. Firdausi Qadri
Director of the Centre for Vaccine Sciences

Dr. Firdausi Qadri is the Director of the Centre for Vaccine Sciences at the International Centre for Diarrhoeal Disease and Research, Bangladesh (icddr,b). She has worked for over 25 years on the development of vaccines for cholera and has expertise on other infectious diseases such as ETEC and Typhoid.

In 2014 she was named as a member of a high-level panel which will advise the UN on the organisational and operational aspects of a proposed Technology Bank and Science, Technology and Innovation Supporting Mechanism dedicated to the least developed countries.

Prof. Ismail Serageldin
Founding Director Emeritus, Library of Alexandria

Ismail Serageldin, is the Emeritus Librarian of Alexandria and the Founding Director of the Bibliotheca Alexandrina (BA), the new Library of Alexandria in Egypt, which he headed from its inauguration in 2002 to his retirement in 2017. He serves on many boards and advisory committees for various international institutions.

A graduate of Cairo and Harvard (PhD) He has held many important international positions, including Vice President of the World Bank (1992-2000), and professor at the Collège de France, Paris, (2010-2011). He has received the Legion d'Honneur from France and is a Commander of the order of Arts and Letters of the French Republic.

Rahma Bourquia
Director of the National Authority for Evaluation

Director of the National Authority of Evaluation of Education, Training and Scientific Research system at the Higher Council for Education, Training and Scientific Research since 2014. She is a member of the Academy of the Kingdom of Morocco.

She served as President of Hassan II University-Mohammedia from 2002 to 2010. She is former member of the Royal Committee for the Reform of the Moudawana (Personal Status Code) and the Commission for the Reform of Justice. She is presently a board member of the United Nations University in Tokyo and the Alexandria Library in Egypt.

Board of Trustees

The Transform Fund Board of Trustees will provide counsel and expertise to ensure the fund is able to achieve its ultimate goal of driving economic and social progress in the developing world through science, technology and innovation.

Dr. Bandar M.H. Hajjar
President, Islamic Development Bank

Dr. Bandar is President of the Islamic Development Bank (IsDB); a multilateral development bank that fosters the economic development and social progress of 57 member countries and Muslim communities in accordance with the principles of Shari'ah Islamic Law

Dr. Bandar served as Minister of Hajj and the Minister of Culture and Information of the Kingdom of Saudi Arabia. He has been active in the field of promotion of human rights and was the founder of the Saudi National Society for Human Rights. He has a PhD in Economics.

Helle Thorning-Schmidt
CEO of Save the Children International.

Helle Thorning-Schmidt is CEO of Save the Children and the former Prime Minister of Denmark from 2011 to 2015, successfully steering Denmark through a difficult period of transition after the global financial crisis.

As CEO of Save the Children International, Helle oversees humanitarian and development programs that reach 55 million children in around 120 countries.

Save the Children has 25,000 staff, working in some of the most difficult and challenging contexts in the world, and an annual budget of over 2 billion USD.

Emir Sanusi Lamido Sanusi
Emir of Kano

His Royal Highness Emir Sanusi Lamido Sanusi is the 14th Emir of Kano, and former Governor of the Central Bank of Nigeria.

As Governor, he was named Central Bank Governor of the Year, as well as for Central Bank Governor of the Year for Africa by 'The Banker', a global financial intelligence magazine published in the Financial Times.

In his role as the Emir of Kano, he serves as the leader of the Tijaniyya Sufi order in Nigeria, historically the second most important Muslim position in Nigeria.

Richard Curtis
Creator of Project Everyone,
Film Writer and Director.

Richard Curtis is a Film Writer and Director as well as the co-founder and vice- chair of Comic Relief, which he started after visiting Ethiopia during the 1985 famine.

In 2015, he helped create Project Everyone, an initiative that seeks to put the power of great communications behind The Sustainable Development Goals, accelerating the creation of a fairer world by 2030, where extreme poverty has been eradicated, climate change is properly addressed and injustice and inequality are unacceptable.

Dr. Waleed Abdulmohsen Al-Wohaib
Director General, Islamic Solidarity
Fund for Development (ISFD).

Dr. Waleed Al-Wohaib is the Director General of the Islamic Solidarity Fund for Development (ISFD) and previously he was CEO of the International Islamic Trade Finance Corporation.

The ISFD is a special fund within the IsDB created with a view to reducing poverty, building the productive capabilities of member countries, reducing illiteracy and eradicating diseases and epidemics.

He holds a PhD in Public Administration from the University of California.

Matthew Freud
Chairman of freuds

Matthew Freud is the Founder and Chairman of freuds, a full services communications company, headquartered in London. The firm has over 250 specialists working worldwide. It is best known as a champion of cause-related communications, helping establish the (RED) campaign, and supporting

Comic Relief. freuds donates around 20% of its working time to pro-bono campaigns, charities and institutions, having worked with the Bill and Melinda Gates Foundation, UNHCR, Make Poverty History and The UN Global Goals for Sustainable Development amongst others.

Dr. Shamshad Akhtar
Former Under Secretary general of the UN

Dr. Shamshad Akhtar is a Pakistani development economist, diplomat and intellectual who served as the caretaker Finance Minister of Pakistan.

Prior to that, she served as the 14th Governor of the State Bank of Pakistan, the first woman to assume this position. She also served as asenior adviser to Secretary-General of the United Nations Ban Ki-moon and as Vice-President of the World Bank.

Mr Mehmet Simsek
Former Deputy PM of Turkey

Simsek served as the Deputy Prime Minister for Economic and Financial Affairs of Turkey during 2015-2018. He previously served as the Minister of Finance (2009-15), and as the Minister of Economy (2007-09).

He was elected to the Parliament for three terms (2007,2011, 2015) representing the ruling AK Party. Mr Simsek represented Turkey as a governor atG20, IMF, WB, OECD and IDB. He has regularly attended several international forums including the World Economic Forum in Davos, and the Bilderberg Group meetings.
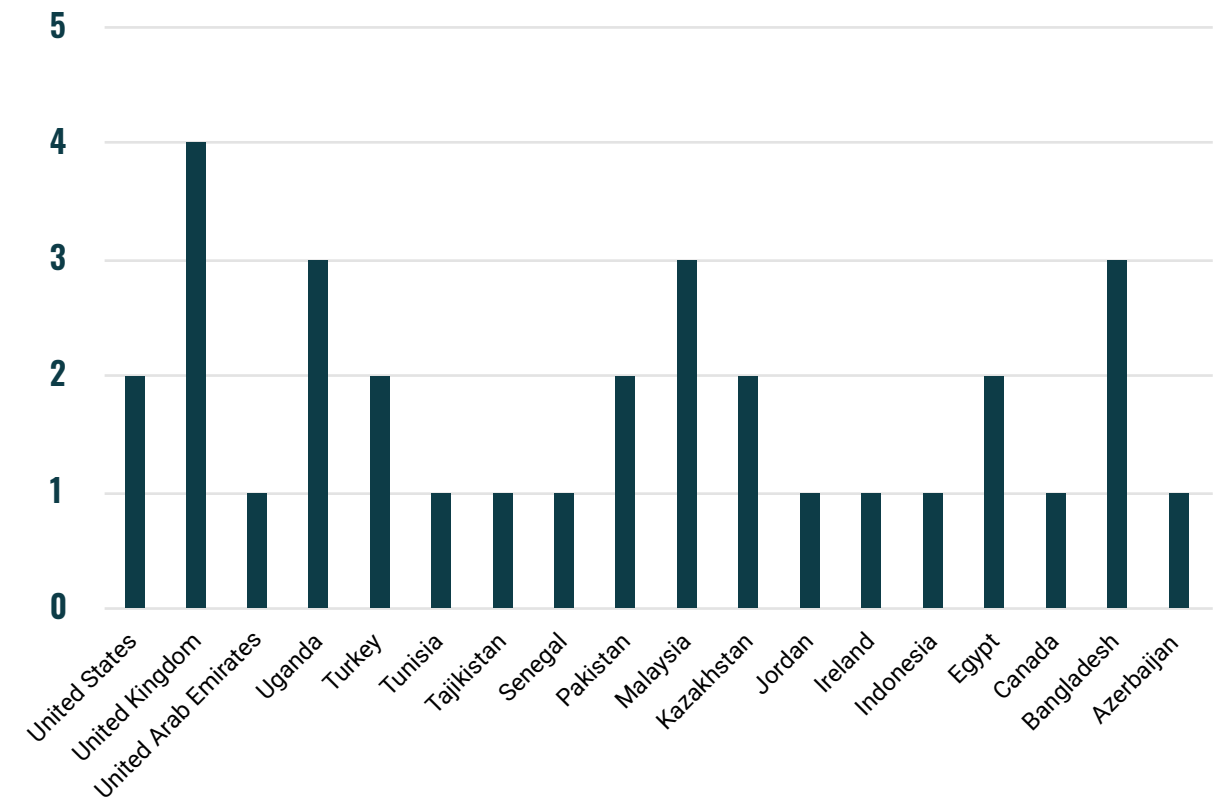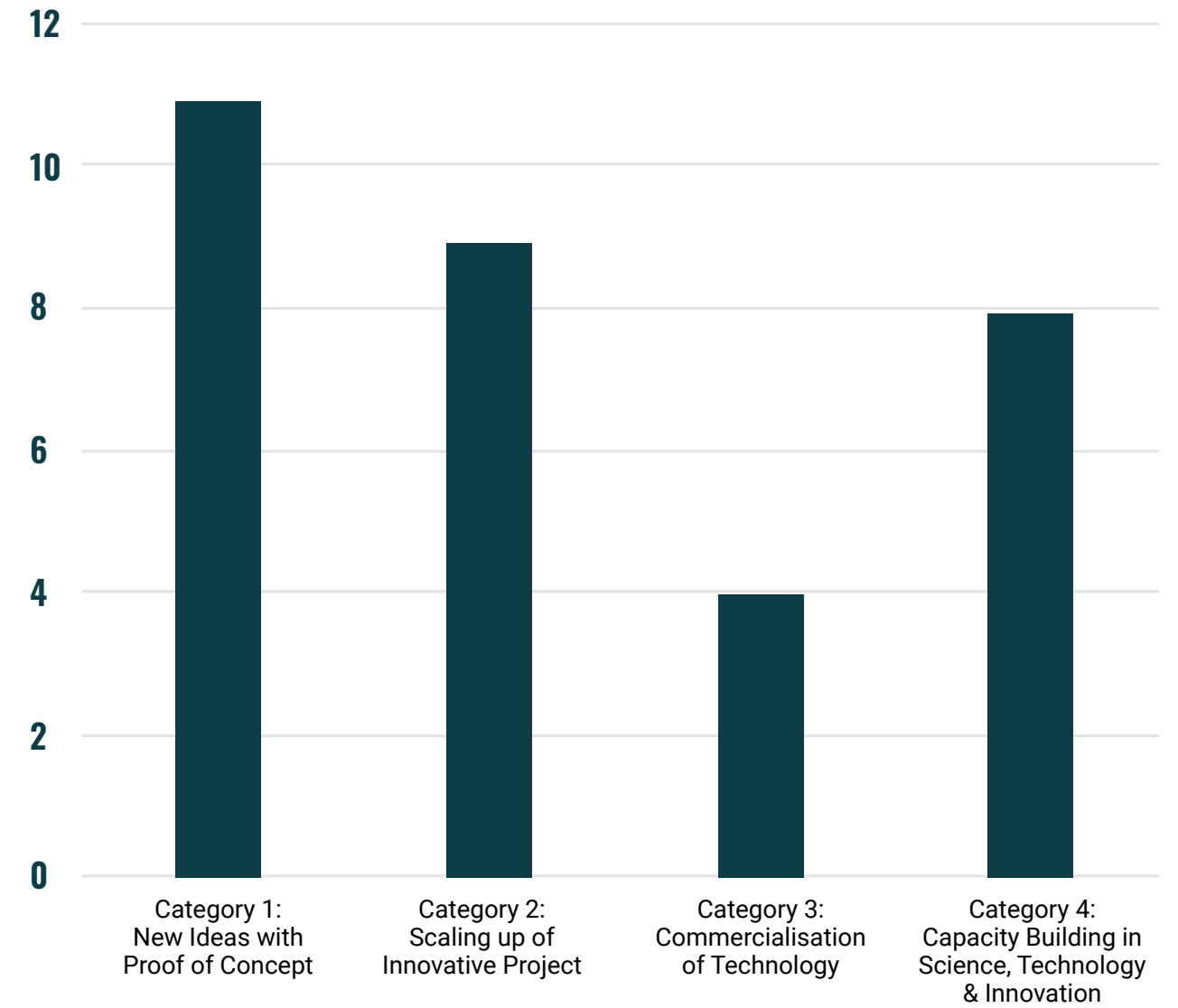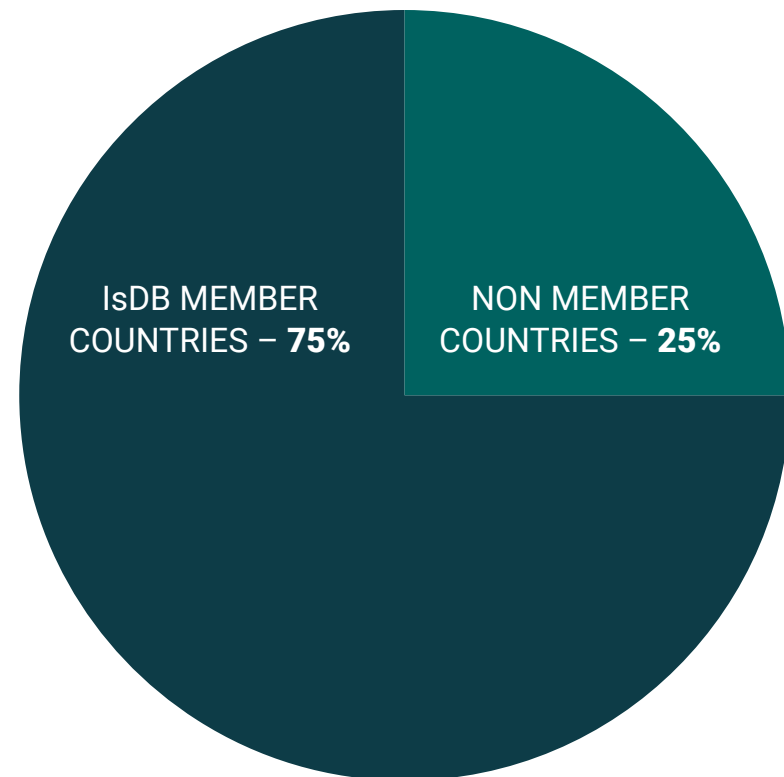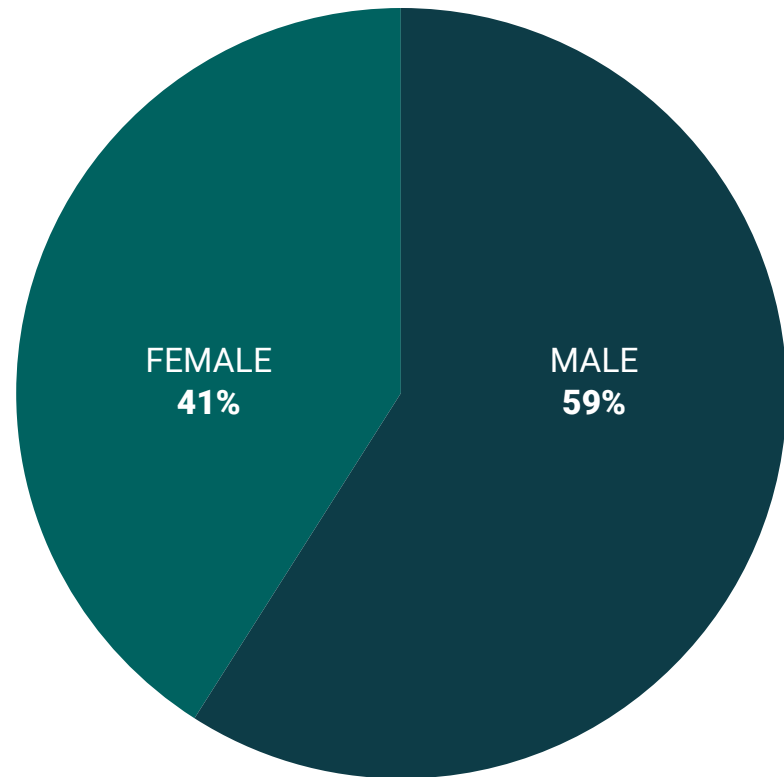
Transform Fund key achievements

- Mobilisation of resources for the Transform Fund from different partners with support from GPRM Department.

- Signed an agreement with external fund manager, Franklin Templeton.

- Completed requirement for 70% investment of non-endowment portion.

- Standard Chartered Bank agreed to be global custodian.

- Collaboration with WIPO to establish Intellectual Property Office.

Breakdown of winners 2018

12			
10			
8			
6			
4			
2			
0			
Category 1: New Ideas with Proof of Concept	Category 2: Scaling up of Innovative Project	Category 3: Commercialisation of Technology	Category 4: Capacity Building in Science, Technology & Innovation

FEMALE
41%

MALE
59%

IsDB MEMBER
COUNTRIES – **75%**

NON MEMBER
COUNTRIES – **25%**

Sample Transform Fund 2018 Equity Investment

GREEN COLD STORAGE AIMS AT FOOD SECURITY, GOOD HEALTH AND CLEAN ENERGY BY REDUCING SPOILAGE AND SHORTAGE OF FOOD BY THE USE OF SOLAR POWERED COLD STORES

Category 2: Scaling up of Innovative Projects			Food security; Good Health, Access to Clean Energy			
Project Leader	**Gender**	**Country**	**Organisation Name**	**Beneficiaries**	**Approved Amount USD**	**Mode of Finance**
Zor Hussain	Male	UK	Kijani Energy	East African nations	$1,000,000	Equity (15.5%)

- Food waste in sub Saharan Africa is 100 million metric tons per year; >65% of food loss happens in food value chain.

- 57 million small farms in sub-Saharan Africa.

- Green Energy Cold Storage targets food waste via a solar powered cold storage container with advanced battery technology that is both mobile and modular in design.

- Allows farmers to transport harvest in cold stores.

- These Agricoolers will ensure that food spoilage after harvest is not immediate and can be kept fresh until it reaches the final consumer in the market.

- They will be installed in all major food production and distribution centers making it easier for the small-scale farmers to sell all their harvest without any waste and increase their income.

- The units are locally constructed generating employment in the region.

- Outstanding management team.

COMMERCIALIZATION OF THE INSPECTOR SYSTEM IN MORE COUNTRIES - DEVELOPING A NEW VERSION AND ESTABLISHING NEW FACILITY FOR PRODUCTION

Category 3: Commercialization of Technology				Good Health and Well-Being		
Project Leader	Gender	Country	Organisation Name	Beneficiaries	Approved Amount USD	Mode of Finance
Tamer Ahmed	Male	Egypt	BioBusiness	Senegal, Sudan, Yemen, Kuwait, Nigeria, Saudi Arabia UAE, Egypt, Turkey, Algeria, Pakistan, Indonesia, Malaysia, Tunisia, Lebanon, Bahrain	$1,000,000	Equity (29.0%)

- The "Power Quality Problem" is a $1 billion problem in the medical device field.

- BioBusiness designs, develops and manufactures electro-medical and electronic equipment incorporating IoT technologies.

- Their Inspector product is a real time Internet of Things device, linked to the cloud, that monitors medical imaging devices. Alarm system for service engineers and hospital management. Alerts via SMS and e-mail for all issues that cause malfunction and expensive repair

- Major partnership with GE established for Inspector to be incorporated into all of GE's imaging equipment.
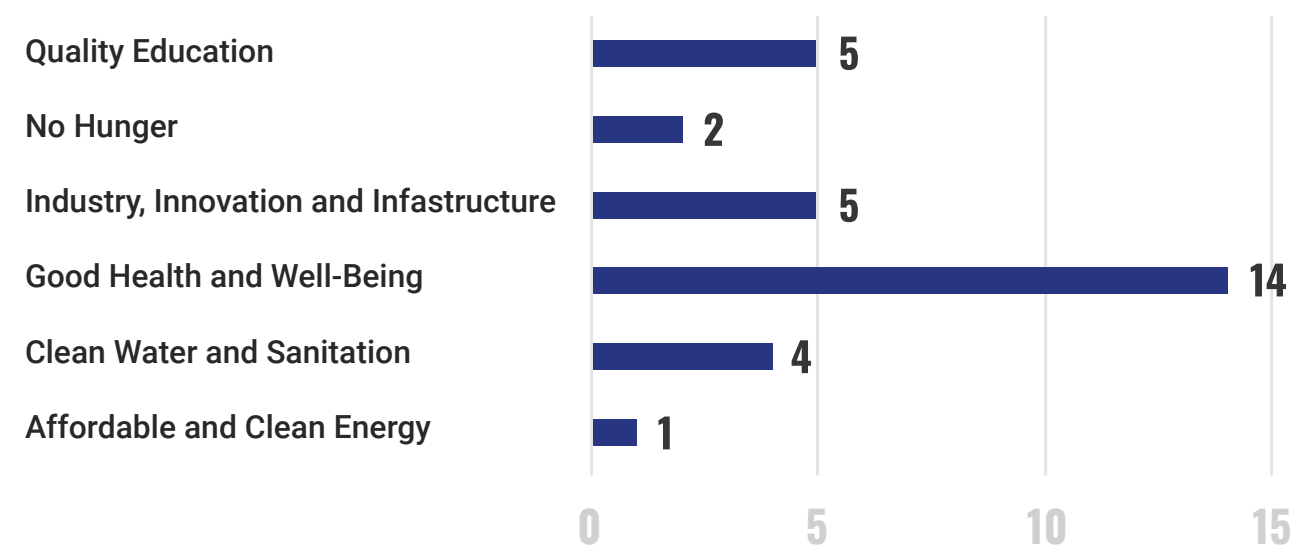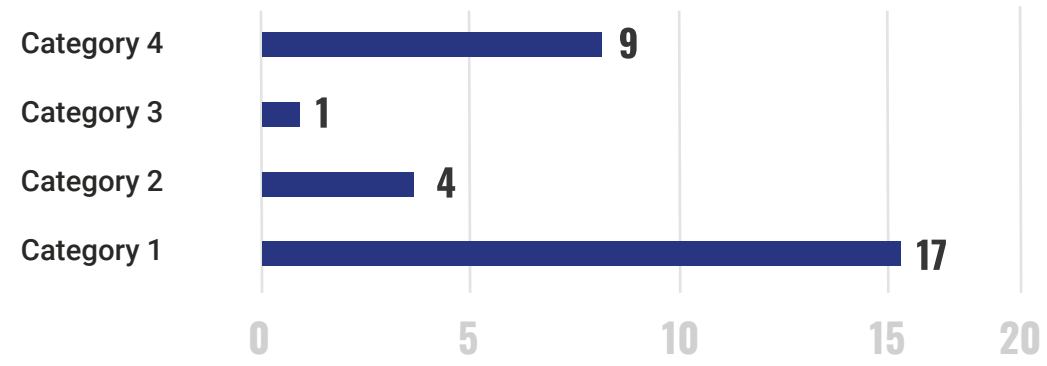
Breakdown of winners 2019

Summary of 2019 Selection Process

- 5,055 expression of interest from around 173 countries
- 1,417 applications were finalized and submitted from 91 countries;
- 345 rejected based on quality and relevance;
- 1,072 were comprehensively screened by SDG Expert Reviewers;
- Top 60 applications were shortlisted and sent to SAB for evaluation (from 30 countries).
- Top 40 proposals identified based on SAB Evaluation (Average Score ≥ 3.5);
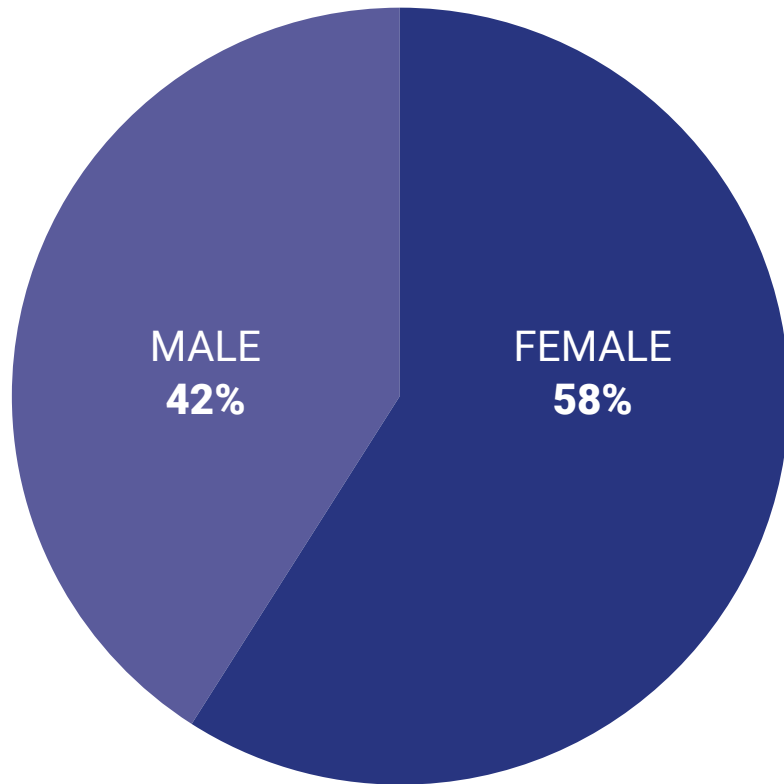- Top 31 recommended based on SAB Meeting in Oxford;
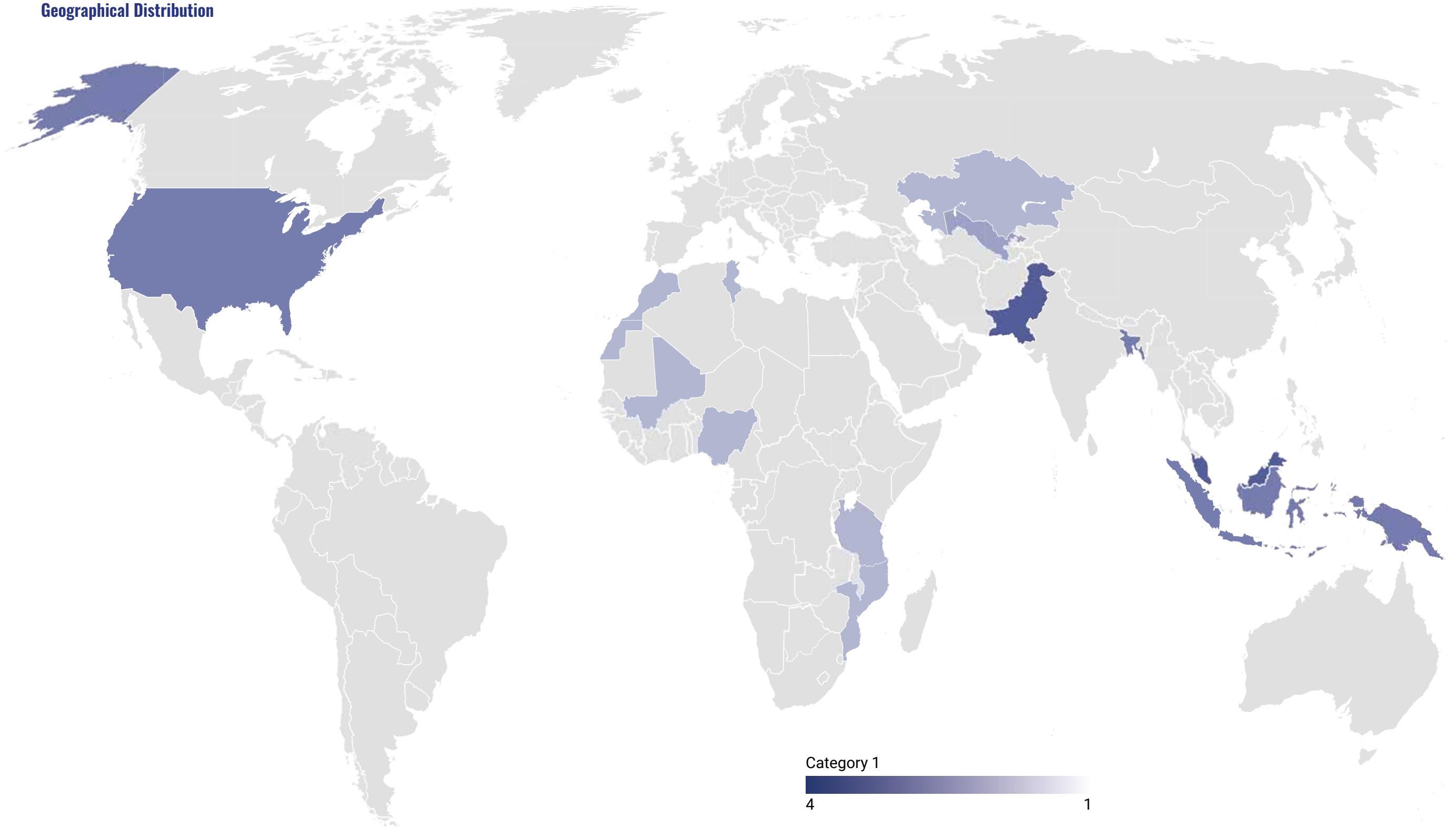
Top 31 Applications by SDGs

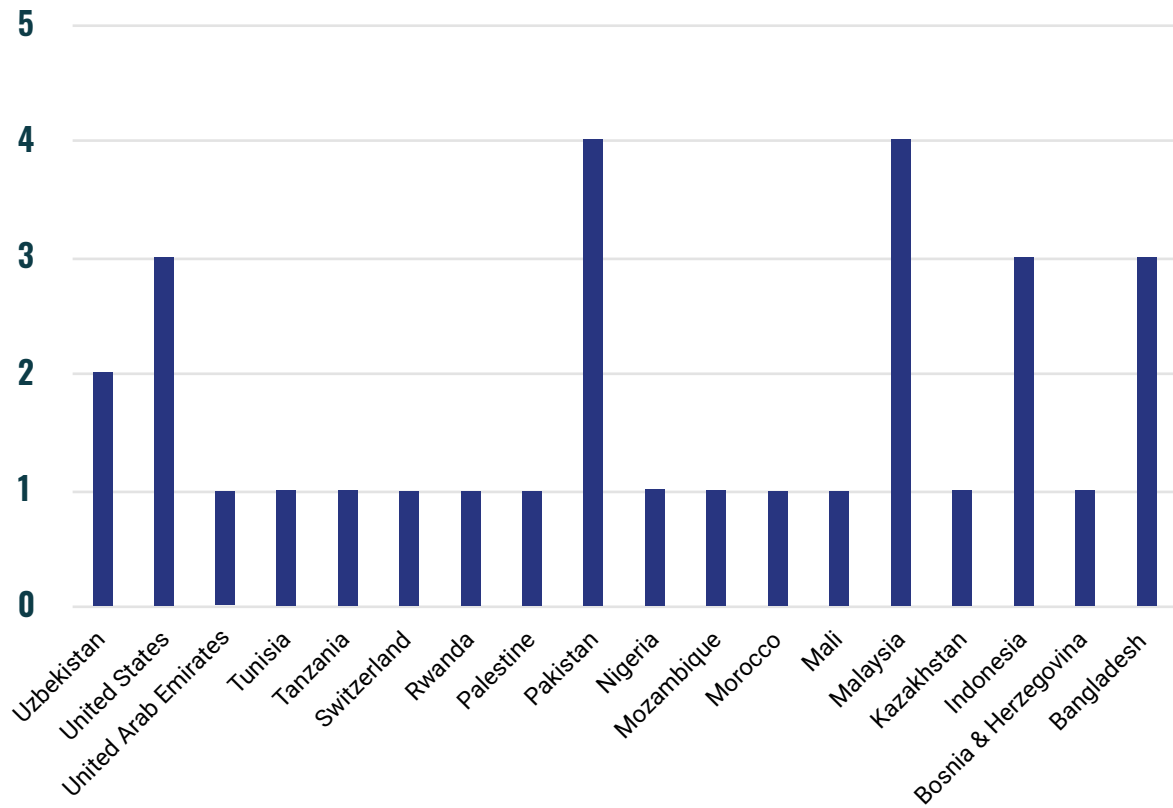| SDG	Value
Quality Education	5
No Hunger	2
Industry, Innovation and Infastructure	5
Good Health and Well-Being	14
Clean Water and Sanitation	4
Affordable and Clean Energy	1

0   5   10   15

Top 31 Distribution by Category

Category	Value
Category 4	9
Category 3	1
Category 2	4
Category 1	17

Breakdown by Gender

MALE
42%

FEMALE
58%

Geographical Distribution

Category 1

4   1

Bar chart values:
- Uzbekistan: 2
- United States: 3
- United Arab Emirates: 1
- Tunisia: 1
- Tanzania: 1
- Switzerland: 1
- Rwanda: 1
- Palestine: 1
- Pakistan: 4
- Nigeria: 1
- Mozambique: 1
- Morocco: 1
- Mali: 1
- Malaysia: 4
- Kazakhstan: 1
- Indonesia: 3
- Bosnia & Herzegovina: 1
- Bangladesh: 3

Notable Facts

- **Applications from more than 173 countries**

- **More than 50% female winners**

- **New countries such as:**

Tunisia	Rwanda	Mozambique
Tanzania	Nigeria	Morocco
Switzerland	Mali	USA

- **Potential winners – awaiting Compliance check:**

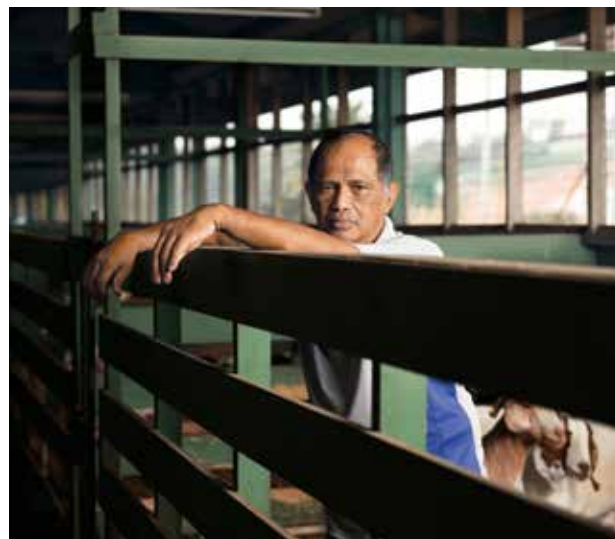 | | | |
  |---|---|---|
  | Saudi | Turkey | Uganda |

Transformers Roadshow

We launched the Transformers Roadshow in order to promote technological and scientific solutions to accelerate progress towards the Sustainable Development Goals.

Transformers is a STI competition in which entrepreneurs and scientists can pitch their ideas for ways to support one or more of the UN Sustainable Development Goals. Applicants are invited to present their submissions before an esteemed judging panel in the host cities, with the winning idea awarded with investment of $3,000 to further develop their proposals. Participants also benefit from a day of masterclasses and mentoring from a range of leading experts in sustainable development.

Winning entries include initiatives that support the creation of a geo information and analytical system to support farmers and decision-makers in the development of the agricultural sector in Kazakhstan; a sustainable and technologically driven solution to ensure that a wide variety of plants are grown using accurate, live and digitally driven data; addressing the need for affordable and clean energy, by identifying jute endophyte as a source of biofuel; and using nanotechnology to support global food security, by controlling fungal diseases affecting wheat crops.

So far, the IsDB has held roadshows in the following countries:

- Kazakhstan
- Niger
- Bangladesh
- Pakistan
- Uzbekistan
- Bosnia

Transformers Academy & Summit

The Transformers Summit brings together a powerful coalition of entrepreneurs, innovators and global leaders to discuss the role of science, innovation and technology in achieving the Sustainable Development Goals (SDGs).The inaugural Summit investigated the challenges of SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable.

With the global population continuing to rapidly expand, there is an urgent need to address this issue. Now is the time to include scientists and innovators - as well as policy makers - to drive forward progress. Good ideas come from everywhere – we need to listen to solutions from emerging markets

With nearly 54% of the world's population living in cities, it is critical that the world's experts address new societal changes through innovative and technology driven solutions. We need to listen to innovators from the developing world/emerging markets as they face these issues every day, offering unique insights. As of 2016, 90% of urban dwellers have been breathing unsafe air, resulting in 4.2 million deaths due to ambient air pollution

The Transformers Summit was the first of an annual series of events. The event featured some of the most exciting world innovators, the inaugural recipients of the IsDB's new $500m Transform Fund: The Transformers.

Through a number of panel discussions, speeches and interactive debates, speakers and guests discussed a number of sustainability factors influencing and affecting future of cities. The Summit followed the following theme:

- **Environmental Sustainability**
  – Carbon Emissions | Pollution | Water | Natural Disasters
- **Population Challenges**
  – Urbanization | Slums | Housing | Overcrowding | Migration
- **Sustainable Transport**
  – Electric Vehicles | Hybrids | Driverless Cars | Infrastructure | Renewable Energy
- **Education**
  – Equal. Access | Future Taskforce Resources | Quality and Curriculum
- **Health and Wellbeing**
  – Rise of Noncommunicable Diseases | Nutrition I Unsafe Drinking Water | Waste Management
- **Financial Sustainability**
  – Domestic Resources | Public Private Investment | Islamic Finance | Innovative Financing

Our Transformers, as well as being invited to the Transformer Summit, spent the preceding week with us, at the Transformers Academy. During this time attendees participated in a number of experiential sessions to bolster their key business skills – commercialisation, financial stability, management and leadership, as well as communications

Academy Week

Transformers Academy is a five-day accelerated course aimed at equipping Transform Fund recipients with the business and entrepreneurial skills to begin to scale-up their innovative ideas and solutions. Transformers participate in a number of lectures, workshops and experiences which strengthened their knowledge and understanding in finance, communications, capacity building, IP and leadership. The inaugural Transformers Academy challenged them to think about their story and their vision, in the context of solving the UN Sustainable Development Goals.

Key highlights included:

- Developing your vision for solving the Sustainable Development Goals
- Presentation training for leaders
- Financing the entrepreneurial business
- Navigating the venture capital investment process
- Marketing your brand in era of digital disruption
- Intellectual Property and Commercialization
- Scaling up your venture for global growth

IsDB Innovate

IsDB Innovate is a groundbreaking crowdfunding platform to support science, technology, and innovation projects around the world. The platform aims to unleash funding for innovative solutions to today's global challenges. The platform launched in December 2018 to widespread praise for its unique financing solution for projects and entrepreneurs around the world.

It is a transformative and powerful way to open up funding channels to entrepreneurs and projects underserved by capital providers, giving innovators around the world the opportunity to connect with individuals who wish to support the Sustainable Development Goals. By raising awareness of the cutting-edge ideas coming from around the world, IsDB Innovate is breaking the notion that emerging markets are simply consumers, rather than producers, of innovative solutions.

The emotional link the platform establishes between project owners and donors is powerful in creating a holistic approach to solving development issues -- no longer is development supported only by large institutions or researchers, but also by everyday men and women looking to make a positive difference in our world

The platform launched with over a dozen projects that are looking to contribute to the achievement of the SDGs. The unifying theme among all of them is the use of science, technology, and innovation to take on global challenges. These projects include the world's smallest continuous glucose monitor, a search for a cure for Ebola, and an artificial intelligence-powered data collection system for the vaccine supply chain.

Indeed, the platform is global in the true sense of the word. In addition to a central hub, the platform has regional sites for IsDB's 8 satellite locations: Bangladesh, Indonesia, Kazakhstan, Malaysia, Morocco, Niger, Senegal, and Turkey. Each of the regional platforms is translated into English, French, and Arabic, as well as local languages, where appropriate. This allows projects on IsDB Innovate to gain international exposure, while retaining a local appeal on the regional hubs.

As the platform matures, it is exploring lending and equity-based crowdfunding models, in addition to donations. To start, these models will roll out in countries where regulation is most established, attracting more projects and entrepreneurs,as well as investors, to the platform.

IsDB Innovate is challenging perceptions about innovators in emerging markets and is opening up a funding channel for projects, entrepreneurs, and researchers around the world. It is also raising awareness of the work IsDB supports. We are tremendously excited for the platform's future and its impact not only on the lives of innovators, but also on those who stand to benefit from the solutions that come to life through the platform.

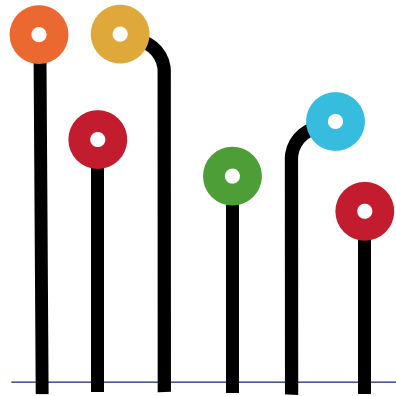| KEY NUMBERS	
Page Views: 700,000+	Donors: 1003
Email signups: 1535+	207 countries reached
Social media followers: 8,300+	Visitors from 57 IsDB member countries
7,950,000+ individuals reached with social media posts	Top 10 Countries: Bangladesh Morocco Algeria Egypt Turkey Côte d'Ivoire Guinea Tunisia Indonesia Libya

Global Goals

THE GLOBAL GOALS
For Sustainable Development

Transform will help put the infrastructure in place to enable people to fulfil their potential by building collaborative partnerships between nations and communities.

The key areas of focus include:

2 ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

3 GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages.

4 QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

6 CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all.

7 AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

البنك الإسلامي للتنمية
Islamic Development Bank

ISFD

TRANSFORM

ENGAGE

THE GLOBAL GOALS
For Sustainable Development