

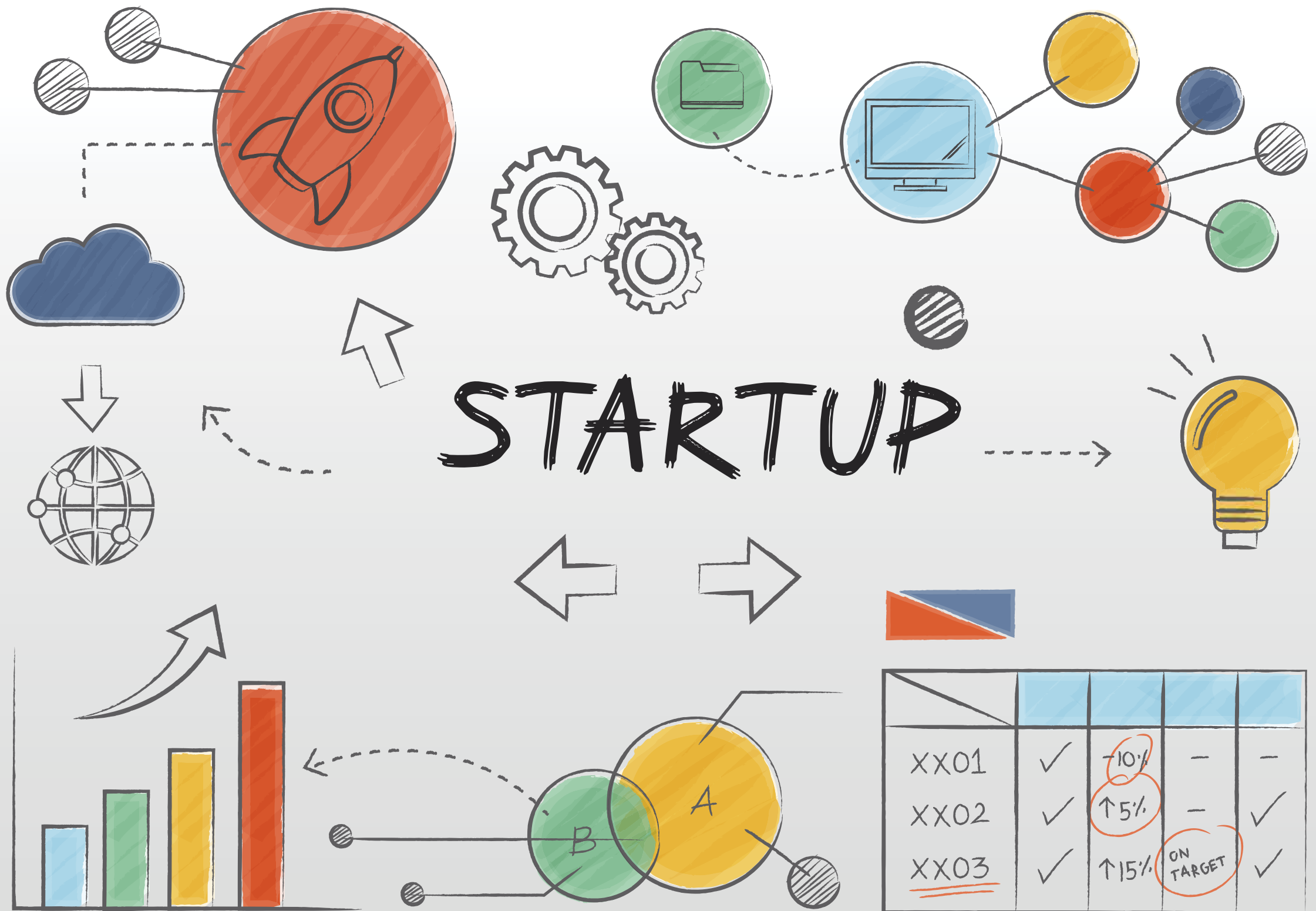


IMPACT REPORT

2020



STARTUP



XX01	✓	-10%	-	-
XX02	✓	↑5%	-	✓
<u>XX03</u>	✓	↑15%	ON TARGET	✓

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PART III | COMMUNITY

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>> BERYTECH FAB LAB

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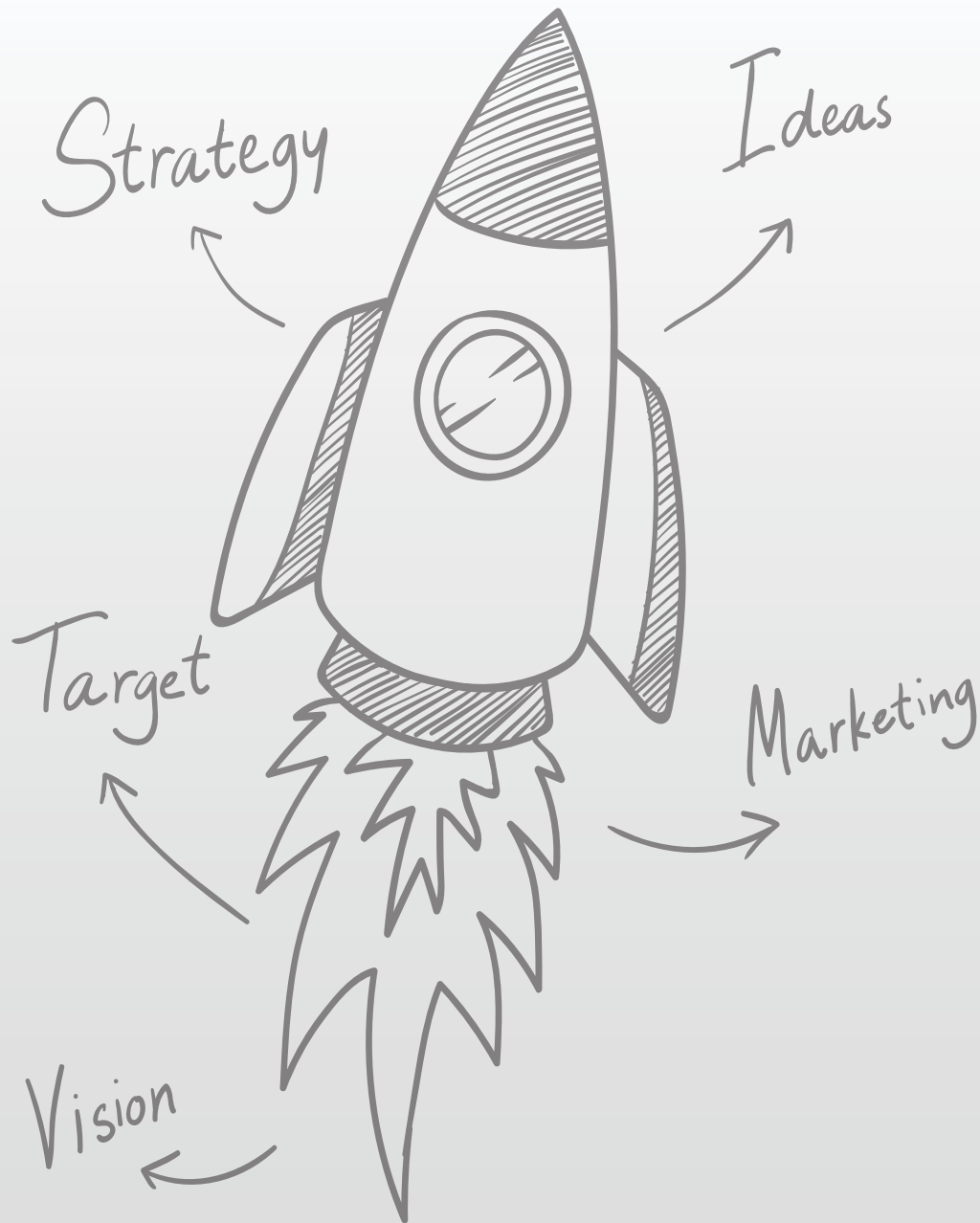
PART IV | ABOUT BERYTECH

>> BERYTECH'S TOOLS TO FOSTER INNOVATION

>> SHAREHOLDERS

>> BOARD OF DIRECTORS

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PART



YEAR IN REVIEW



IMPACT IN NUMBERS

FOCUS ON 2020



This report showcases the impact of Berytech's activities in supporting startups and SMEs, creating a nurturing ecosystem for entrepreneurs and propagating entrepreneurship in Lebanon with a specific focus on the year 2020.



160

STARTUPS SUPPORTED

Through our programs and competitions in 2020



\$1.5M+

REVENUE GENERATED

As reported back by 22 startups supported in 2020



496

SMEs SUPPORTED

Through our programs and trainings in 2020



18

NEW COMPANIES INCORPORATED

Of the startups that Berytech supported



241

TRAININGS AND WORKSHOPS

Conducted by Berytech in 2020 within all its programs and competitions



28

PROGRAMS MANAGED

With local and international partners in 2020



\$755K+

RECEIVED IN GRANTS

by the startups that Berytech supported in 2020



91

HOSTED COMPANIES

Throughout the Berytech 3 innovation parks in 2020



1488

NEW JOBS CREATED

As reported back by the startups and SMEs that Berytech supported in 2020

PROGRAM APPLICANTS



62% Men



38% Women



64% < 30 Years Old



35% 30 - 50 Years Old



1% 50 Years Old

53%
PRE-SEED



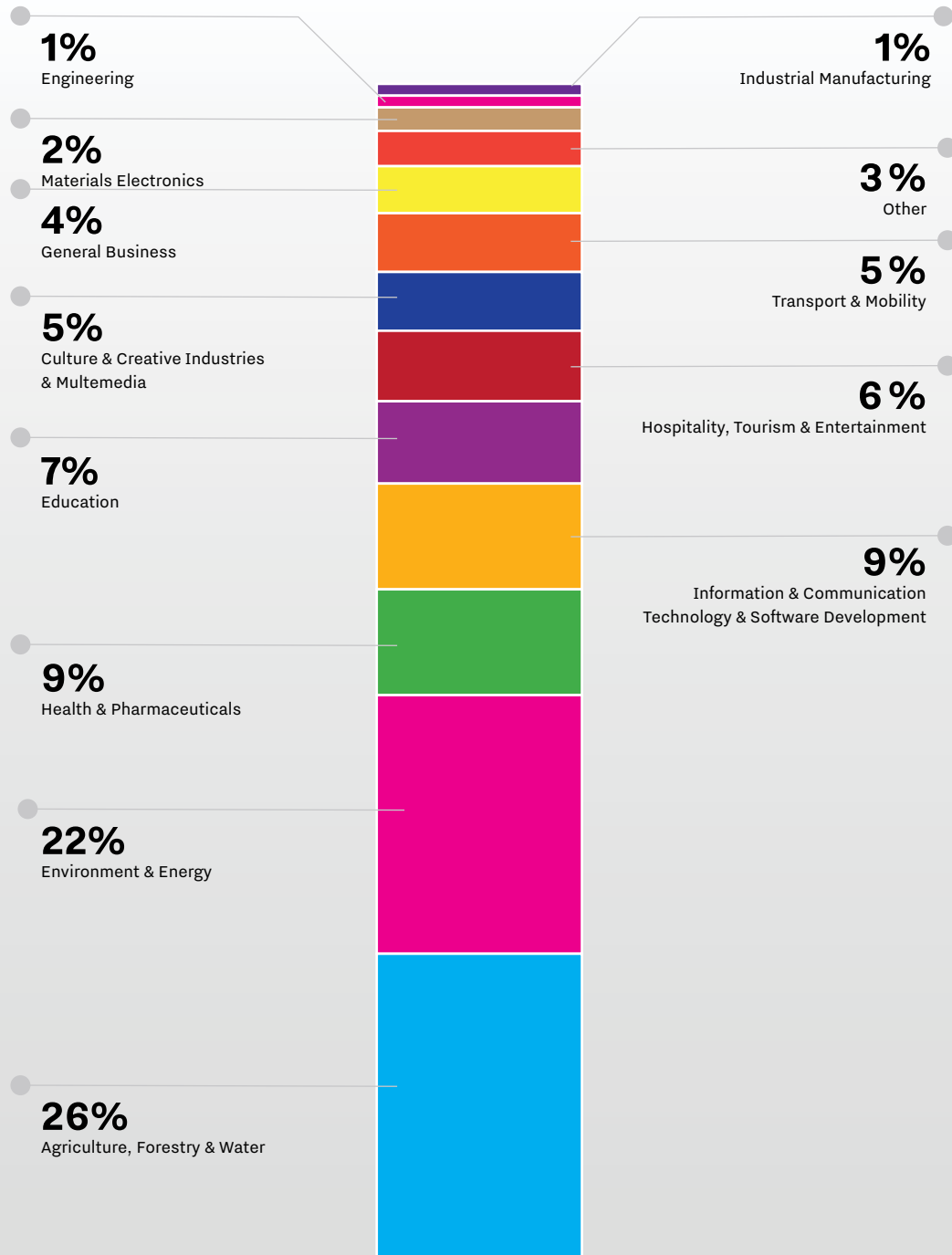
6%
SEED



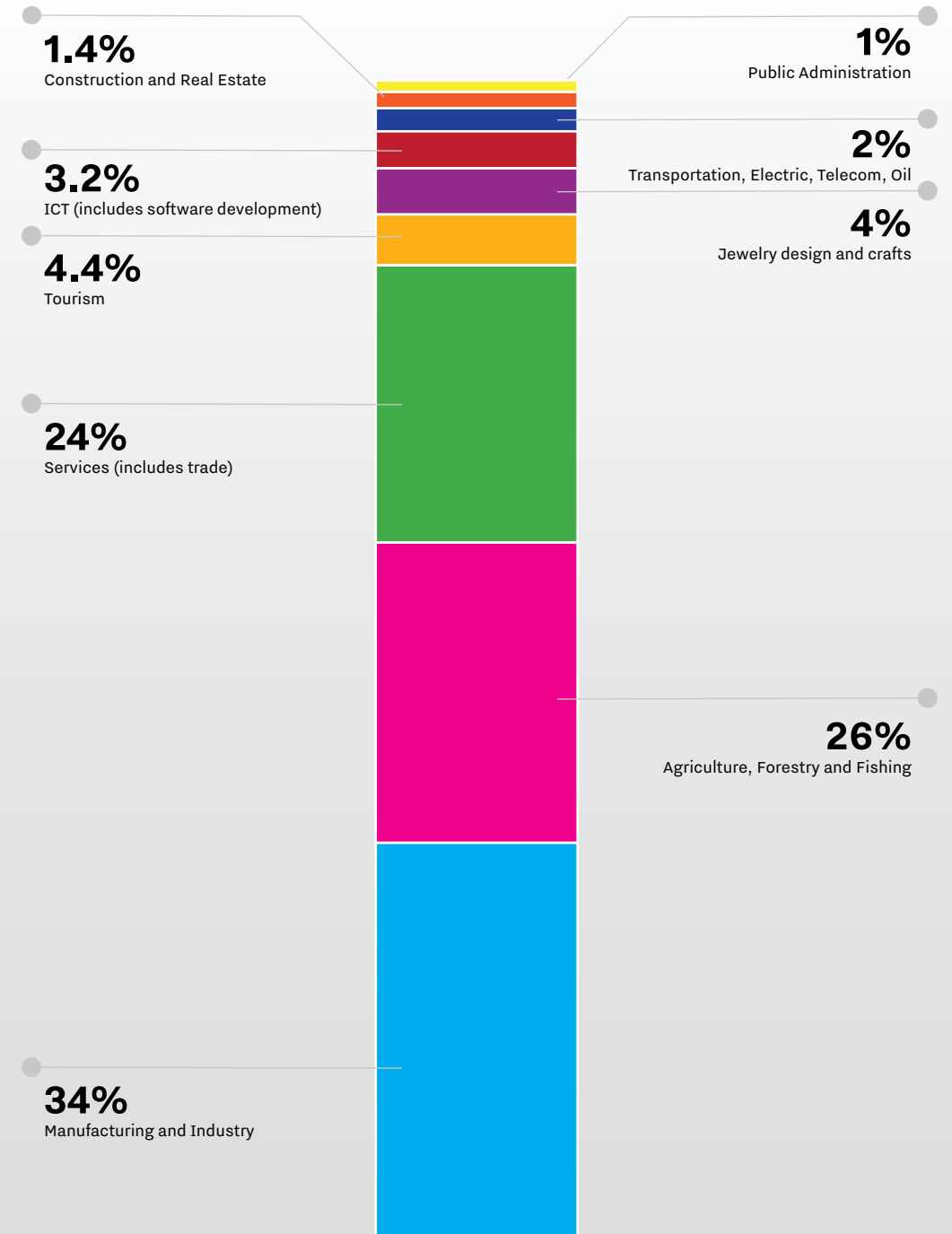
41%
STARTUPS



STARTUPS SECTORS

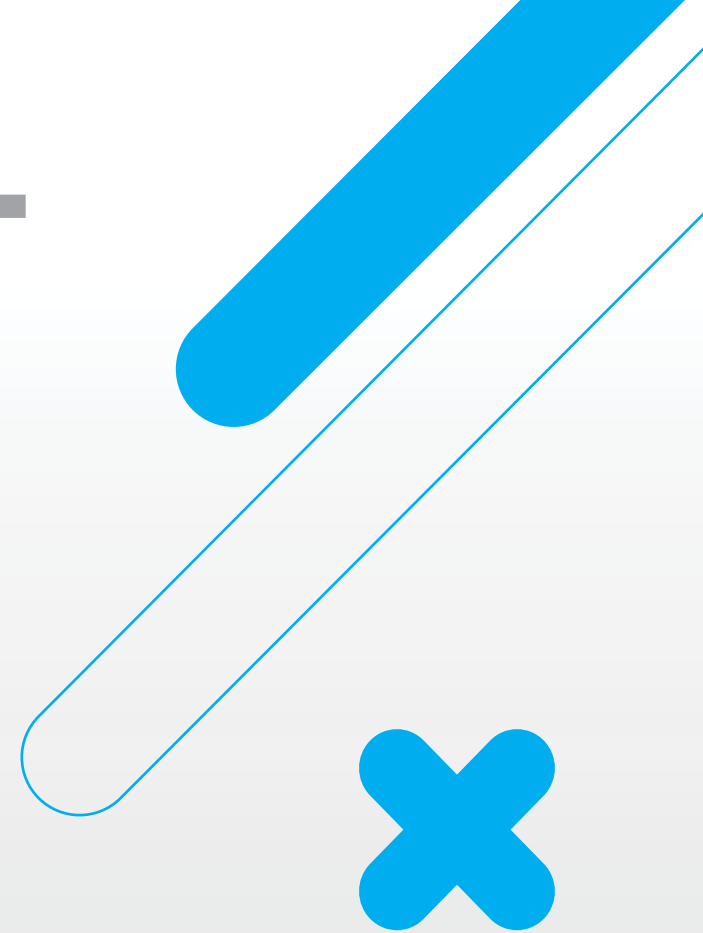


SMEs SECTORS





PART



BUSINESS SUPPORT



WHAT WE OFFER: A COMPLETE ECOSYSTEM



Berytech is the only organization in Lebanon to provide an across-the-board ecosystem for innovative entrepreneurs to create and develop their own startups and SMEs. When joining Berytech, one becomes part of an interconnected community of entrepreneurs, creators, experts, innovators, changemakers, dreamers, believers and hard workers.

Sharing and building knowledge is essential to supporting entrepreneurship while aiming for a knowledge-based economy. With its thorough business support offerings and multi-faceted programs, Berytech aims to catalyze the growth of startups and SMEs ensuring long-term sustainability of their businesses while assuring that they have constant and updated access to all the resources they need to scale-up.

Berytech's support falls under the following categories: Capacity Building/Networking, Policy Reform, Startup & SME Development, Startup & SME Incubation, Startup Acceleration & Incubation, Student Entrepreneurship Development, Technology Transfer Support, and Women Empowerment.

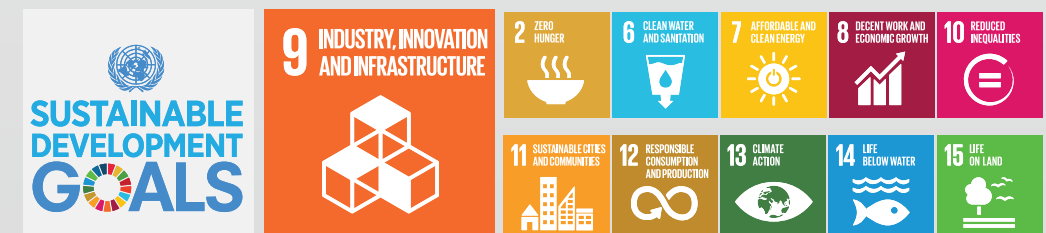
As a member of the Global Compact Network Lebanon, Berytech enacts the 10 principles of the UNGC, and all the programs fall under Berytech's mission to contribute to the Sustainable Development Goals.

UN SUSTAINABLE GOALS

Berytech joined the UN Global Compact in September 2017 and pledged to support their call to companies to align strategies and operations with universal principles on human rights, labor, environment and anti-corruption, and take actions that advance societal goals. Since then, Berytech has been engaged locally by being an active participant in the Lebanon Network activities.

Berytech has particularly committed to the Sustainable Development Goal 9 related to Industry, Innovation and Infrastructure. Our role focuses on improving the economy, the society and the sustainability of our country. We aim to be part of the social responsibility framework working towards a better world through creating a network of startups and SMEs and have them join the UN Global Compact network and be the change we are aiming at.

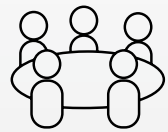
BERYTECH'S COMMITMENT TO SDGS



OUR ICONS REFERENCES



TYPE OF SUPPORT



**Capacity Building
/Networking**



**Technology
Transfer**



**Student
Entrepreneurship
Development**



**Startup
Acceleration
& Incubation**



**Women
Empowerment**



**Policy
Reform**



**Startup & SME
Development**

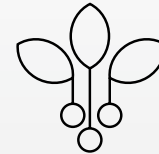


**Startup & SME
Incubation**

INDUSTRY



Cleantech



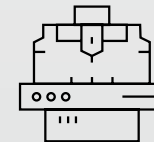
Agri-Food



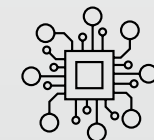
**Water, Energy,
Food (NEXUS)**



All industries



**Digital
Fabrication**



**Science &
Technology**



**Green
Entrepreneurship
& Circular Economy**

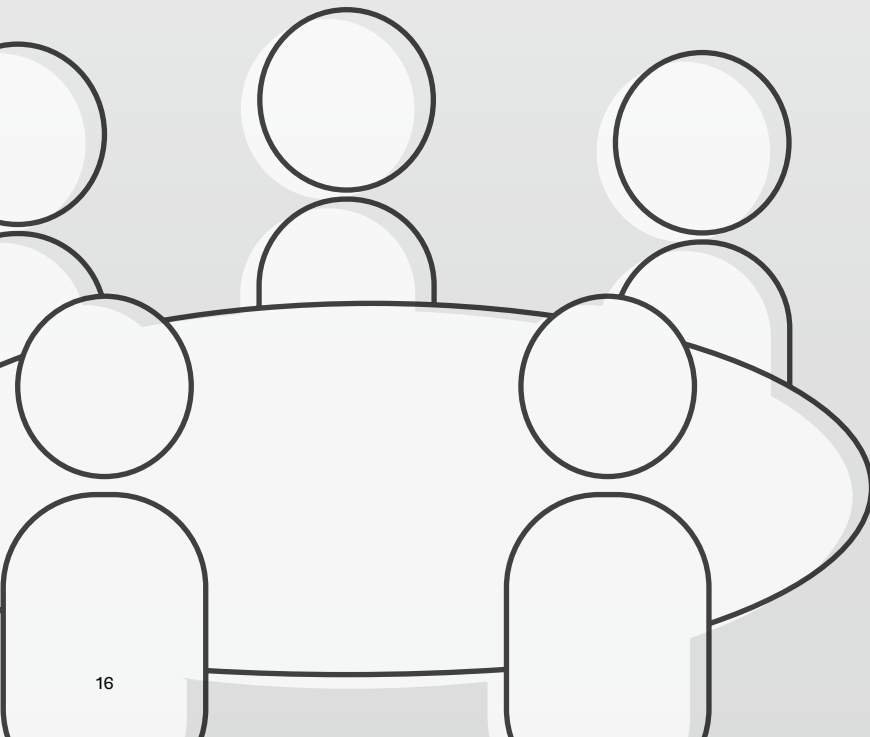


**Social
Entrepreneurship**

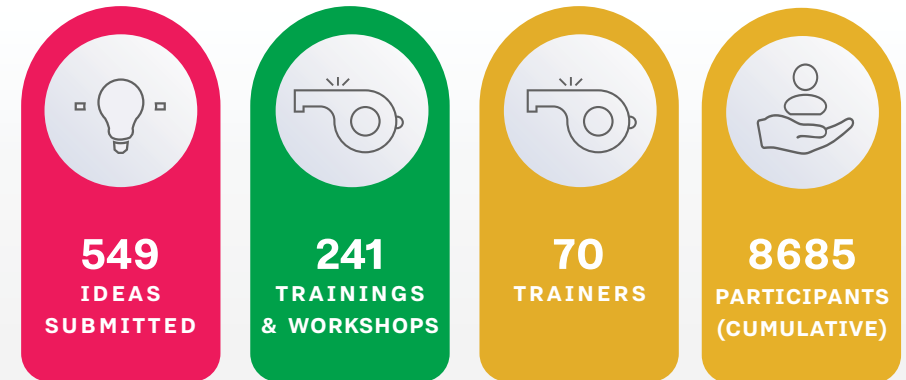


CAPACITY BUILDING / NETWORKING

The Department of Business Support and Development is the first contact point for any entrepreneur seeking the business support services of Berytech. The department offers customized support tracks to entrepreneurs at the different phases of their journey, as well as manages several programs.

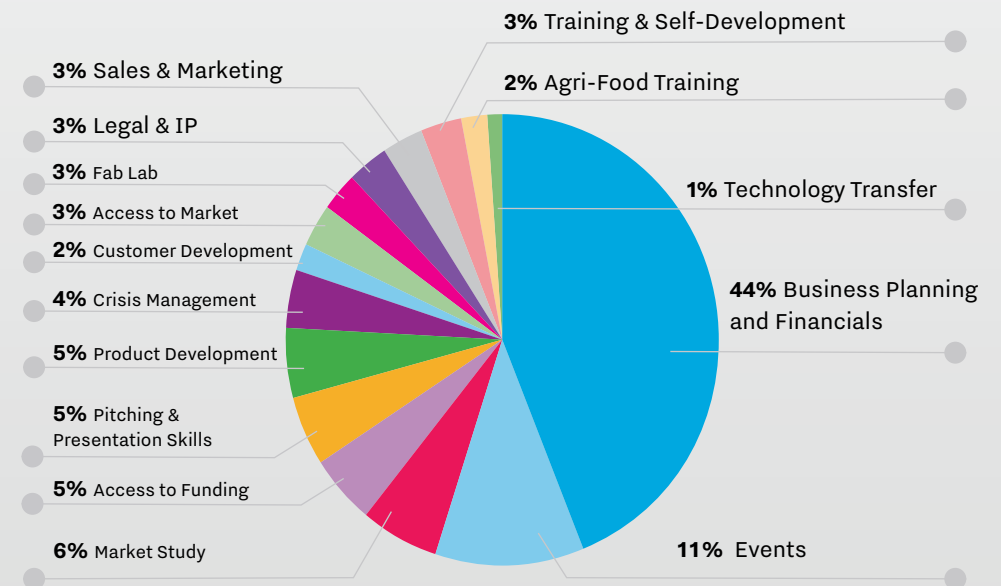


PROGRAM PARTICIPANTS IN 2020



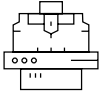
TRAININGS IN 2020

(INCLUDES BOTH PROGRAMS AND STAND-ALONE TRAININGS) >>



+45 NPS Score

Net Promoter Score (NPS) is the percentage of customers rating their likelihood to recommend a company, a product, or a service to a friend or colleague. NPS has been widely adopted by Fortune 500 companies and other organizations. According to global benchmark data, which accounts for the NPS of more than 150,000 organizations, the average score is +32.



GIL PROGRAM INNOVATION LABS

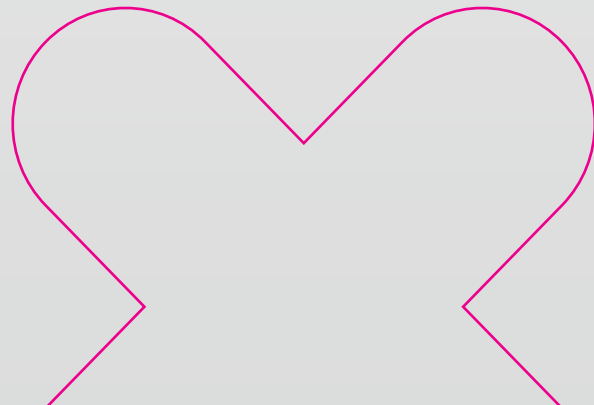
Berytech, through its Fab Lab, has partnered with UNICEF to establish innovation labs in different regions of Lebanon and provide capacity building and workshops to different GIL Labs Community managers. The higher purpose of this collaboration is to increase the access of the Lebanese and Non-Lebanese youth (17-25 years) to technical and vocational trainings and innovative skills building programs for improved professional readiness and employability, as well as to make the digital manufacturing technologies at the disposal of the youth so that they come up with working prototypes and innovative products.

Berytech is supporting and empowering the GIL Program through:

- Providing a new approach in managing innovation spaces for the youth and adolescents from different communities in Lebanon
- Activating the communities of GIL Labs
- Empowering the youth
- Helping the youth identifying the opportunities of growth for their development and career

With the support of Berytech, 3 Fabrication Labs shall be equipped and prepared as an open space for youth, students, techies and makers in the following regions of Lebanon:

- Lebanese University (Quobbah, Tripoli Campus)
- Lebanese University (Nabatiyeh Campus)
- Sibling Training Center (managed by UNRWA)



BERYTECH MEETUPS POWERED BY GIST

Berytech is a Global Innovation through Science and Technology – GIST Innovation Hub in Lebanon, joining a vibrant network of programs that nurture the next generation of entrepreneurs and innovators through training. Berytech Meetups is a program powered by the Global Innovation of Science and Technology network (GIST), initiated by the U.S. Department of State, aiming at building a strong and vibrant network of entrepreneurs in Lebanon focusing on science, technology and innovation.

BERYTECH MEETUPS 2020

In 2020, Berytech Meetups were organized through two series tackling two major issues for Lebanon and the MENA region.

Series 1 - Food Security In MENA

Through this series Berytech invited attendees to connect with international experts and entrepreneurs building the four pillars of food safety in a post COVID19 world: Availability, Access, Utilization and Stability. Throughout the four sessions of this series, attendees were able to harness their expertise and life experiences and learn how they can address, at a profit, the challenges of building a vital safety net for MENA populations.

Series 2 - Social Entrepreneurship in Lebanon

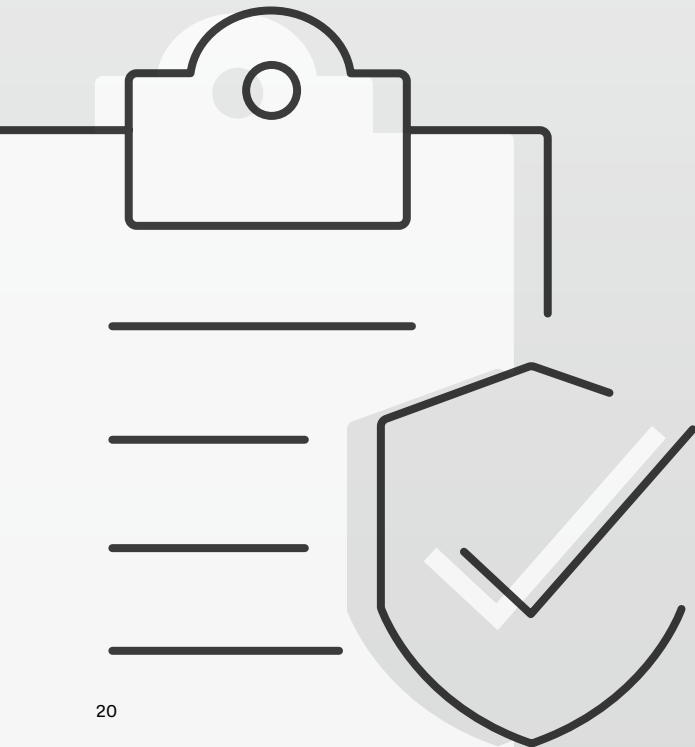
Through this series Berytech invited attendees to connect with international experts and entrepreneurs at the forefront of creating profitable models to address MENA and the world most pressing social and humanitarian challenges. Throughout the two sessions of this series, attendees were able to harness their expertise and life experiences and learn how they can exponentially expand their capacity to serve their society by building profitable expandable models.



POLICY REFORM



Within the framework of the ACT Smart Innovation Hub initiative, Berytech is leading on a preliminary assessment of the local ecosystem around clean technology so as to identify the different stakeholders involved in this sector, highlight the gaps and opportunities, as well as select amongst them potential partners that the project should reach out to for set-up of working groups. The working groups would work on the production of white papers on integrating innovation and entrepreneurship in creation of conducive business environment in the three Cleantech sub-sectors: waste, water and energy.



THINK TANKS

Berytech is proposing policy reforms and establishing lobbying and coordination structures that will last beyond the lifetime of the ACT Smart Innovation Hub initiative. New like-minded institutions have been brought on board to support the process of ecosystem development: the Issam Fares Institute for Public Policy and International Affairs of the American University of Beirut is in charge of hosting the working groups on Waste, Energy and Water, as well as developing a paper on Sustainable Agriculture.





TECHNICAL ASSISTANCE MISSION

Berytech, through THE NEXT SOCIETY Advocacy Panel, has been leading on setting a national innovation strategy for Lebanon since 2017, as part of THE NEXT SOCIETY action plan initiated by ANIMA Investment Network and implemented in Algeria, Egypt, Jordan, Lebanon, Morocco, Palestine and Tunisia with the financial support of the European Union.

Experts hired by Berytech wrote a report which proposes a roadmap of 29 actionable recommendations for universities and other key ecosystem players to boost the technology transfer dynamics in Lebanon. The proposed methodology is able to empower researchers and students in the process of turning their end of year research projects into viable businesses.

The experts defined a financing mechanism and a reward system for applied research adapted to the Lebanese academic context in order to incentivize researchers to develop projects with a commercialization potential, tailored to the needs of four universities in Lebanon: Lebanese American University, Saint Joseph University, American University of Beirut, and the Holy Spirit University of Kaslik.

>> Read more about the Research to Innovation Lab Program on page 61.



STARTUP AND SME DEVELOPMENT

Berytech was the first technology magnet in Lebanon and the region providing a conducive environment for the creation and development of Lebanese startups and SMEs. Berytech has been involved with the Ministry of Economy and Trade since 2014, collaborating around the implementation of the national support strategy for startups and SMEs in Lebanon.

In that scope, Berytech has brought in local and international programs, as well as opportunities and fruitful initiatives for the support of entrepreneurs in Lebanon with the ultimate goal of creating a better business environment capable of incubating innovative startups and small companies. Berytech works on the Lebanon Enterprise Development Program funded by USAID, as well as champions the QOOT Agri-Food Innovation Cluster, co-funded by the Kingdom of The Netherlands.

Berytech also conducts the Future Agro Challenge competition in Lebanon to identify the Lebanon Agripreneur of the Year. New programs in 2020 include The Helping SMEs Build Resilience Program in partnership with YBI and funded by Google.org, Water and Energy for Food Challenge part of a large consortium, and the Developing Entrepreneurship for MSMEs program in partnership with Spark. Berytech is also an implementing partner of EU-funded GIMED Project, aiming at supporting green entrepreneurs to better access finance and markets in the Mediterranean.





LEBANON ENTERPRISE DEVELOPMENT PROGRAM (LED)

The Lebanon Enterprise Development (LED) provides business development services for SMEs in Beirut, Mount Lebanon, South Lebanon, and the Bekaa, including businesses of all sizes from a wide range of sectors: agro-food, tourism and hospitality, pharmaceutical/medical, information and communications technology, fashion and garments, and manufacturing.

LED offers customized technical assistance to local businesses to help identify and solve challenges to business growth, productivity, and profitability. In this way, it will promote increased employment opportunities for Lebanese.

PROGRAM DONOR

United States Agency for International Development (USAID)

PROGRAM GOALS

- Create Jobs
- Improve Lebanon's business-enabling environment
- Communicate Results

PROJECT DURATION

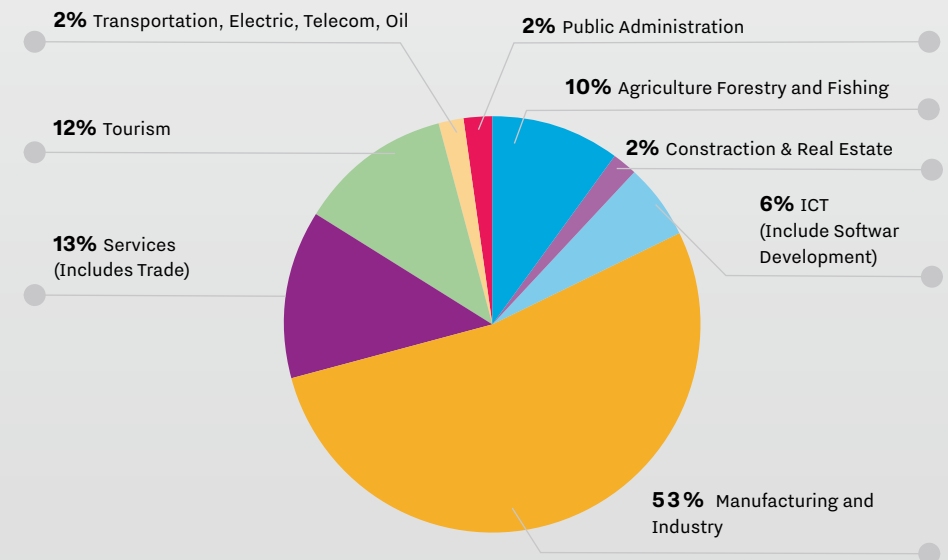
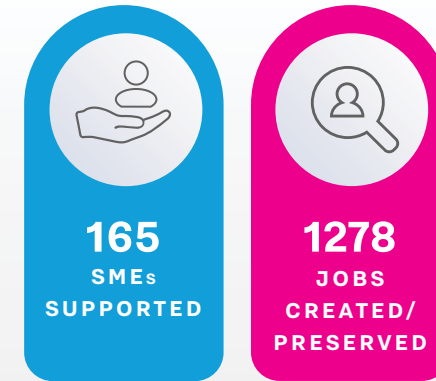
Base Period: 2018 – 2022

PROJECT BUDGET

US\$24.3 million over 5 years

PROJECT PARTNERS

Berytech Foundation (LED's business promotion partner for Beirut/Mount Lebanon, Bekaa and South Lebanon); BIAT (LED's business promotion partner for Northern Lebanon); business associations, syndicates, and chambers of commerce; business consultants and consulting firms; other business service providers; other development partner projects/programs; and others.





QOOT AGRI-FOOD INNOVATION CLUSTER

QOOT, which means food and sustenance in Arabic, is the first agri-food innovation cluster in Lebanon. QOOT's vision is to be the leading Agri-Food Innovation Cluster in the MENA region, placing Lebanon at the center of the world food innovation map. It is driven by the mission to accelerate innovation in the agri-food sector by bringing innovators, knowledge providers, investors and support institutions under one umbrella, creating the right environment and offering the services required for collaboration, sustainable growth and internationalization of the Lebanese agri-food sector.

CLUSTER GOALS

- To establish closer relations between small, medium and large enterprises in order to provide added value to the overall market. Members have the opportunity to exchange accumulated experience and to access valuable knowledge and business opportunities locally and internationally
- To strengthen the position of the Lebanese Agri-Food sector, attracting talents, developing new products and services and promoting Lebanese cuisine and agro products as among the most innovative and healthy in the world
- To attract foreign investments



CERTIFICATION & MEMBERSHIPS

As Lebanon's first agri-food innovation cluster, QOOT fosters collaboration, strengthens linkages and increases opportunities for the country's food sector, promoting it to a new level of innovation and global recognition.



EUROPEAN CLUSTER COLLABORATION PLATFORM

QOOT Cluster is a registered member on the European Cluster Collaboration Platform (ECCP).



THE NEXT SOCIETY CLUSTER BOOSTER TRACK

QOOT Cluster benefits from THE NEXT SOCIETY – Cluster Booster Track, a peer to peer learning and booster program.



WORLD FOOD INNOVATIONS PLATFORM

World Food Innovations is a unique platform to discover and share developments, insights and innovative solutions, helping in stimulating global cooperation, innovation and business. Lebanese innovators in agri-food are now able to showcase on the platform.



BRONZE CLUSTER MANAGEMENT EXCELLENCE

QOOT Cluster has received the European Cluster Excellence Label in Bronze from the European Secretariat for Cluster Analysis.



HELPING SMES BUILD RESILIENCE PROGRAM

Berytech joined Youth Business International's Rapid Response and Recovery programme – funded by Google.org, to support struggling businesses during the covid-19 crisis.

Berytech has been appointed as a delivery partner of YBI in Lebanon and will now work to develop and deliver an urgent package of support to struggling local businesses. For this project, Berytech has developed the Helping SMEs Build Resilience program that will be conducted over 12 months. It will be targeted at SMEs across Lebanon to support them in coping with the numerous crisis situations.

During the program, Berytech in collaboration with Google.org and YBI will provide immediate response and online training workshops and webinars for SMEs. A direct Helpline is available for entrepreneurs who wish to be supported further and receive personalized support. For selected applicants, coaching sessions, mentoring activities and business clinics will be offered by Berytech coaches and Google experts.

PROGRAM DONOR
Google.org

PROGRAM PERIOD
2020-2021



WORKSHOPS & WEBINARS



HELPLINE & SUPPORT



PERSONALIZED COACHING & MENTORING



DEVELOPING ENTREPRENEURSHIP FOR MSMEs PROGRAM

SPARK, with Berytech as the implementing partner, is supporting MSMEs in Lebanon with a combination of financial and technical support to adapt to Covid-19. Selected MSMEs will receive a cash grant and capacity building in the form of webinars and coaching sessions to increase the impact of SPARK financial support.

PROGRAM DONORS

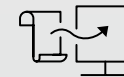
European Union, the EU Trust Fund in Response to the Syrian Crisis, the EU Madad Fund, and Sanad

PROGRAM PERIOD

December 2020 to March 2021

PROGRAM GOAL

To contribute to support struggling businesses and help them digitize and fast-track towards new trends



DIGITIZATION



SALES & MARKETING



HEALTH & SAFETY



CRISIS MANAGEMENT & RISK MITIGATION



WATER & ENERGY FOR FOOD (WE4F): A GRAND CHALLENGE FOR DEVELOPMENT

WE4F is a joint international initiative of the German Federal Ministry for Economic Cooperation and Development (BMZ), the European Union (EU), the Ministry of Foreign Affairs of the Government of the Netherlands, Sweden through the Swedish International Development Cooperation Agency (Sida), and the U.S. Agency for International Development (USAID).

WE4F aims to:

- Increase food production along the value chain through a more sustainable and efficient usage of water and/or energy.
- Increase income for base of the pyramid women and men in both rural and urban areas.
- Sustainably scale innovators' solutions to meet the challenges in the WE4F nexus.
- Promote climate and environmental resilience and biodiversity through the sustainable, holistic management of natural resources and ecosystems.

THE MIDDLE EAST AND NORTH AFRICA REGIONAL INNOVATION HUB

The Middle East and North Africa Regional Innovation Hub (MENA RIH) is run by a team of locally-based implementing organizations; Berytech, cewas, Chemonics Egypt and IWMI, with the support of experienced and dedicated governmental founding partners.

The MENA RIH supports innovators that work in the region and produce more food while using less water and energy. Together with investors and other partners, the MENA RIH works to scale mid-to-late stage enterprises that have an environmental and social in the water-energy-food nexus.

The MENA RIH will offer a variety of programs and interventions for innovators, dedicated investors and partners, regional governmental institutions, international organizations, and the interested public.

Countries

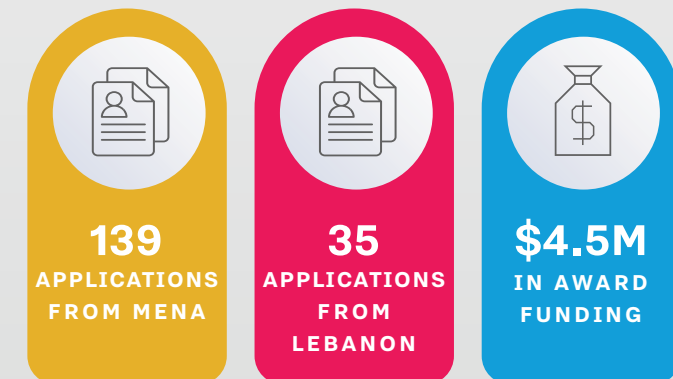
Based in Beirut, Lebanon, the MENA RIH supports innovators in the following countries and territories: Algeria, Egypt, Jordan, Iraq, Lebanon, Morocco, The Palestinian Territories, Tunisia, Sudan, and Yemen.



CALL FOR INNOVATORS

The WE4F MENA RIH launched its first recruitment period for innovators with proven solutions to the region's most pressing water, energy and food security challenges. Following the first call for innovators (November 3 – December 15, 2020), up to 25 mid- to later-stage enterprises with a proven track record, an existing customer base and recurring sales will be invited to receive a broad portfolio of support mechanisms.

The MENA RIH will validate candidates' commitment to sustainable agricultural food value chains, gender balance, the improvement of energy and water efficiency, and promotion of climate resilient agriculture with strict environmental, social, and governance (ESG) criteria. Through this competition, WE4F anticipates disbursing \$4.5 million USD in award funding (TA and Grants) for MENA, coupled with access to a regional and global network of key stakeholders.





FUTURE AGRO CHALLENGE

The Future Agro Challenge is a global competition that targets food and agribusiness startups from various corners of the globe including Lebanon. This global competition targets food and agribusiness startups from various corners of the globe addressing national, regional, and global challenges.

LEBANON AGRIPRENEUR OF THE YEAR 2020

For the third year in a row, Berytech has partnered with Future Agro Challenge to catalyze innovation in the agri-food industry and bring the FAC competition to Lebanon.

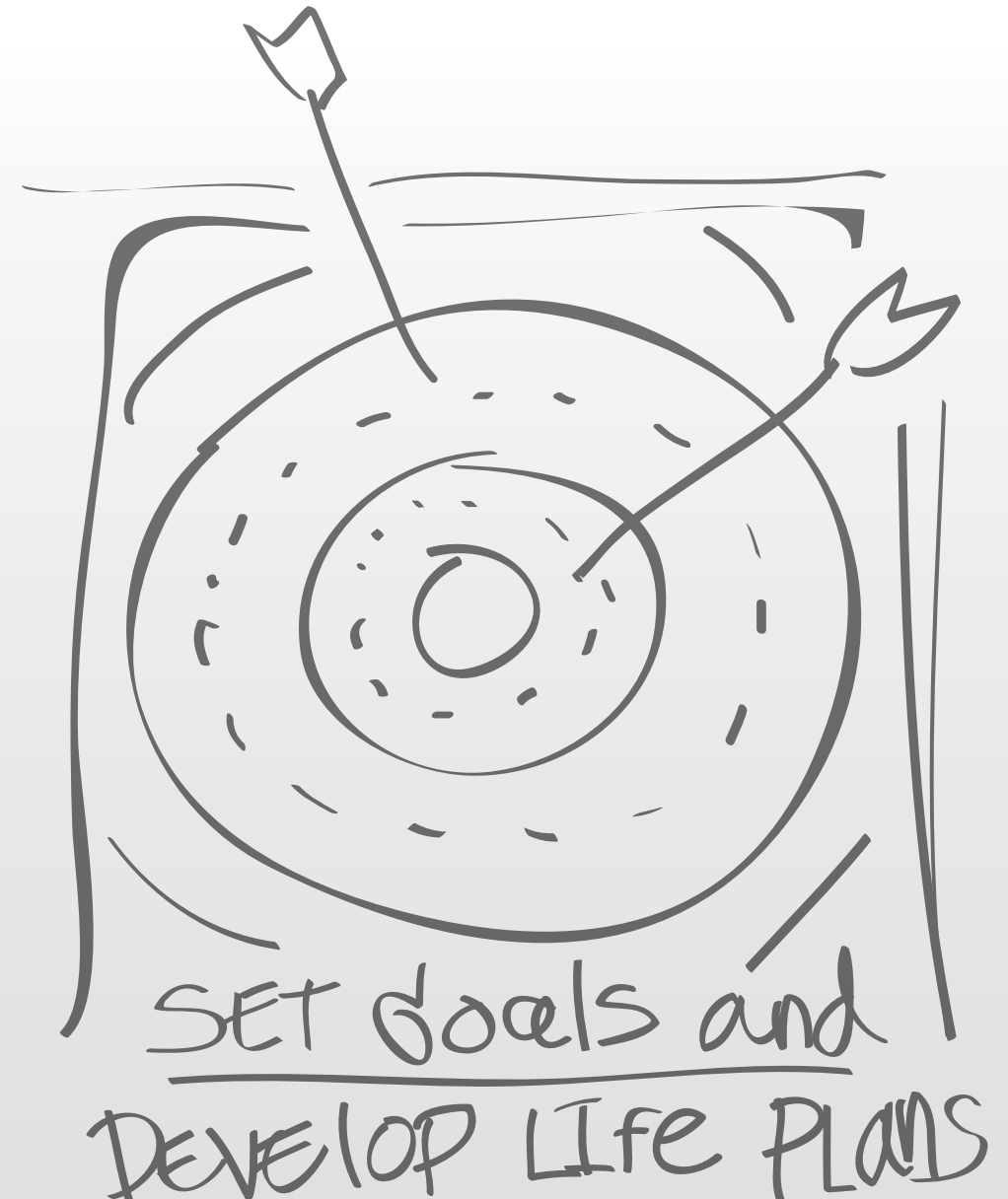
FoodSight – an online platform connecting food manufacturers with freelance experts in the food industry won the title Lebanese Agripreneur of the Year 2020, competing against local agri-food startups for the title. The startup is now eligible to represent Lebanon at the Global Agripreneurs Summit 2021 and compete with the most promising agri-food startups from across the world for the title of Agripreneur of the Year.

IMPACT MAKERS

The Future Agro Challenge in joint collaboration with Berytech, launched the Impact Maker Program aiming at supporting innovation and entrepreneurship in the agriculture and food sectors, with agripreneurs and farmers firmly placed at the forefront of the work being done.

The Future Agro Challenge (FAC) Impact Maker Program focuses specifically on the agri-food innovation sector and aims to empower and strengthen the capacities of Impact Makers - incubators, accelerators, NGOs, for profit enterprises, and other organizations, to help better achieve employment generation, socio-economic development and community development through further collaboration. The program offers training for Impact Makers who work diligently in each respective country to build an agri-food innovation ecosystem aiming to empower Agripreneur success.

The FAC Impact Maker Program for the MENA region program is created through a joint collaboration between Future Agro Challenge and Berytech and funded by the SANAD fund technical assistance program, managed by Finance In Motion.





THE GREEN IMPACT MED PROJECT (GIMED)

The Green Impact MED Project – Positive Investments for Positive Impacts (GIMED) is an EU-funded project under the ENI-CBC Med Programme aiming at supporting green entrepreneurs to better access finance and market in the Mediterranean.

The project will provide trainings, coaching sessions, capacity building workshops and sub-grants to consolidate green business creation and green business development.

DONOR

European Union (ENI CBC Med Programme)

DURATION

36 months (September 2019 – August 2022)

TOTAL BUDGET

2.633.106,29€

EU CONTRIBUTION

2.369.106,29€ (90% co-financing to project)

GOAL

GIMED's main goal is to support entrepreneurs, particularly young and women, to better access to finance and markets in 5 Mediterranean countries: Spain, Lebanon, Palestine, Tunisia, Egypt and Italy. On the ground, the project will train and coach eco-innovators and encourage financiers to invest in the Mediterranean eco-innovation sector.

Agència de Residus de Catalunya-SCP/RAC (Spain) is responsible for the coordination and implementation of the project and will particularly manage the development of the tools for the capacity building workshops, coaching sessions for access to finance and markets.

PARTNERS

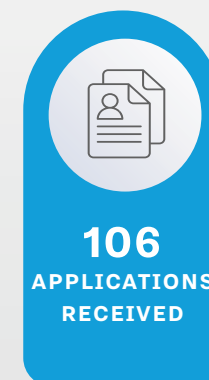
- GIMED has therefore been promoted to meet these needs and will be implemented by 6 partners, distributed among several countries in the Mediterranean basin:
 - Agència de Residus de Catalunya – SCP/RAC (Spain)
 - Berytech (Lebanon)
 - Leaders Organisation (Palestine)
 - Conect (Tunisia)
 - Alexandria Business Association (Egypt)
 - Fondazione di Comunità città di Messina (Italy)

GREEN APPLIED RESEARCH AND INNOVATIONS SUPPORT PROGRAM

Berytech, in the context of the EU-funded GIMED Project, launched a call for applications to support green entrepreneurs working on Green Applied Research and Innovations, to support them to better access finance and markets, contributing to creating green jobs opportunities and stimulating the region's green economy.

Green researchers and innovators will get the chance to build their capacities in order to secure investments and business opportunities and successfully take their research and innovative product or service to market.

Being part of this program, participants will benefit from access to business support tailored to the needs of green ventures, access to grants and funding opportunities, access to international and regional B2B meetings and trade deals, access to GIMED's Mediterranean network of green partners and investors, access to Berytech's network of entrepreneurs, professionals, media, funding companies and international partners, and access to The Switchers National Partnership services offered at Lebanese and regional Level.



BUSINESS SUPPORT



FINANCING



MEETINGS



GREEN NETWORK



BERYTECH NETWORK



SWITCHMED

STARTUP & SME INCUBATION

The role of business incubators is to accelerate the successful development of entrepreneurial companies through an array of business support resources and services, developed and managed by incubator management and offered both in the incubator and through its network of contacts. Berytech incubated 152 entrepreneurs in 2020, part of different programs and competitions. Specifically, Berytech is providing incubation support part of the Diverting Waste by Encouraging Reuse and Recycling activity funded by USAID.



DIVERTING WASTE BY ENCOURAGING REUSE AND RECYCLING ACTIVITY

USAID/Lebanon has awarded ECODIT the Diverting Waste by Encouraging Reuse and Recycling (DAWERR) Activity, a five-year, \$15 million project that will establish sustainable and replicable integrated solid waste diversion and valorization solutions in rural areas of Lebanon.

Through the DAWERR activity, ECODIT and its partners - Compost Baladi, Berytech and ECODIT Liban, will support USAID/Lebanon to introduce financially sustainable solutions that increase the reuse, recycling and monetization of solid waste and reduce the amount of residual solid waste that goes into landfills.

Berytech is providing incubation support for solid waste management startups and SMEs to develop and scale their solutions, to improve their economic and livelihood activities through the Solid Waste value chain, working with innovators, municipalities and other players to strengthen this sector, creating jobs and protecting the environment.

PROGRAM DONOR

United States Agency for International Development (USAID)

PROGRAM PARTNERS

- ECODIT USA
- ECODIT Liban
- Compost Baladi
- Berytech

PROGRAM DURATION

2020 – 2025

PROGRAM BUDGET

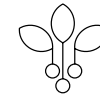
US\$15 million

PROGRAM GOALS

- Build the capacity and commitment of municipalities to provide improved SWM services,
- Empower communities to sort at the source and participate actively in various stages of the recycling value chains, and
- Develop successful business models with the private sector that create green economic opportunities.

STARTUP ACCELERATION & INCUBATION

Berytech fosters innovation through several acceleration and incubation programs aimed at startups, offering them the resources, knowledge and funding to scale their ideas and grow into an international business with global impact. We support the startups with capacity building, grants, hosting, prototyping, validation, commercialization, internationalization, and fundraising. Berytech works with the Kingdom of The Netherlands for the agri-food and cleantech accelerator programs, with MEPI for the social entrepreneurship program, the EU under the ENICBCMED Programme for green and sustainable fashion, textile and clothing, as well as under the NEXT SOCIETY for the Startup Booster Track.



AGRYTECH ACCELERATOR PROGRAM

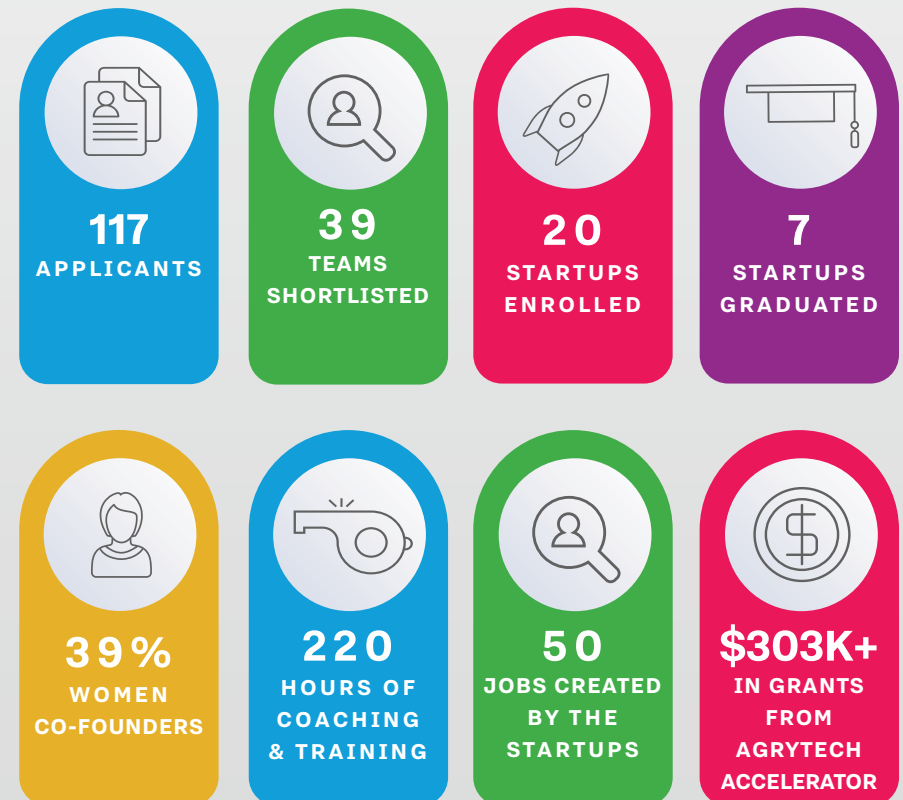
Through the Agrytech Accelerator Program and with support from the Kingdom of The Netherlands, Berytech continues to source the top startups with disruptive innovations in the Agri-Food sector and provide them with the adequate technical and business resources as well as community support to scale their ideas into successful businesses with global impact.

PROGRAM DONOR

Kingdom of The Netherlands

PROGRAM GOALS

- Creating Jobs: Innovative startups contribute to job creation and sustainable economic development.
- Advancing the Ecosystem: Improved policies and business linkages contribute to an enriched ecosystem for innovation and entrepreneurship in food and agriculture led by the private sector.
- Developing the Sector: Exchange with like-minded institutions from the Netherlands and Lebanon coupled with dynamic academia contribute to the improvement of the local business environment and private sector development.





CLEANERGY ACCELERATOR PROGRAM

Clean technologies are taking center stage in creating smarter and more sustainable ways of living in the face of quick evolving environmental challenges. Berytech is catalyzing cleantech innovations through the Cleanergy Accelerator Program – a yearly three-phase program that allows cleantech entrepreneurs grow their startup from an idea into a scalable business.

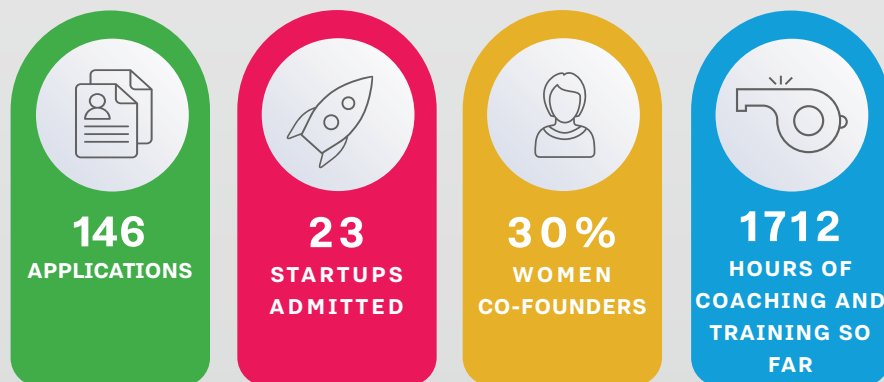
PROGRAM DONOR

Kingdom of The Netherlands

PROGRAM GOALS

- Creating Jobs: Innovative startups contribute to job creation and sustainable economic development.
- Advancing the Ecosystem: Improved policies and business linkages contribute to an enriched ecosystem for innovation and entrepreneurship in cleantech led by the private sector.
- Developing the Sector: Exchange with like-minded institutions from the Netherlands and Lebanon coupled with dynamic academia contribute to the improvement of the local business environment and private sector development.

Batch I in Numbers



STAND UP! PROJECT

Berytech is a partner of STAND Up! Sustainable Textile Action for Networking and Development of circular economy business ventures in the Mediterranean, an EU-funded project under the ENI CBC Med programme.

The project intends to support textile entrepreneurs and eco-innovative ventures in 5 participating countries and help them seize the business opportunities and employment that the green evolution will inevitably generate in the region.

STAND Up! goal is ambitious and so is its scope with many actions to be undertaken in training, financial grants, market stimulation, technology transfer, Intellectual Property Rights protection, etc. As a result, the SMEs of the sector will be more competitive and, at aggregate level, the value chain will be strengthened, and new cross-border linkages established.

PROJECT DONOR

European Union (ENI CBC Med Programme)

DURATION

30 months (July 2020 – December 2022)

TOTAL BUDGET

3.693.986,68€

EU CONTRIBUTION

3.324.588,68 (90% of the total budget)

BENEFICIARIES

- 400 ideation-stage ventures will be supported to help them create future employment opportunities
- 20 early and growth stage ventures to maintain stable employment and create, at least,
- two new direct jobs each



IMPACT RISE SOCIAL INNOVATION PROGRAM

Impact Rise is a social innovation program designed and managed by Berytech to put startups, experts and support partners on the road to growing sustainable and successful social ventures.

PROGRAM DONOR

U.S. Middle East Partnership Initiative (MEPI)

PROGRAM GOALS

- Scaling Lebanese Social Impact Ventures
- Training Social Impact Experts
- Connecting Social Impact Support Partners
- Taking A Holistic Approach



STARTUP BOOSTER TRACK

Berytech partners with THE NEXT SOCIETY to offer Lebanese startups the opportunity of competing in the Startup Booster Track allowing them to receive tailor-made support to help them go international and raise funds.

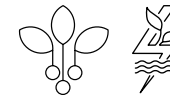
The Startup Booster Track program is developed for early-stage startups in the MENA region who offer impact-driven solutions in technology, food environment, energy, health and social impact. It offers the winners a one-year mentoring program that includes immersion in the European market, expansion of their networks, international business development missions and power-dinners with high level investors to raise funds.





STUDENT ENTREPRENEURSHIP DEVELOPMENT

Universities play a crucial role in supporting innovation and entrepreneurial activities. They provide the conditions, facilities and talent that foster the emergence of innovative ideas. True to its mission to help create jobs in Lebanon and to minimize the brain drain, Berytech supports student entrepreneurship through different programs, and works with the Saint Joseph University as well as universities in Lebanon to push students to develop their entrepreneurial thinking. Berytech also endeavors to include a youth quota in all its programs.



BERYTECH SCHOLARSHIP FUND WITH USJ

Berytech launched a scholarship fund for entrepreneurship and innovation with the Saint Joseph University of Beirut (USJ). This US\$30,000 Fund will allow USJ to grant scholarships for an entrepreneurial project to students enrolled in master's degrees, and in the last year of bachelor's with an end-of-year project. The eligible sectors are: agriculture, water, energy and waste. A particular interest is given to research highlighting the application of science, engineering and technology, in all the aforementioned sectors.



DÉVELOPPEMENT DE L'ENTREPRENEURIAT ÉTUDIANT AU LIBAN (DEEL)

Berytech is partners with the Agence Universitaire de la Francophonie (AUF) in Lebanon in the Développement de l'entrepreneuriat étudiant au Liban – DEEL project, launched in 2017. The program aims at strengthening entrepreneurship and innovation in higher education to ultimately promote the emergence of companies with potential growth and employment.

PROJECT COORDINATOR

Agence Universitaire de la Francophonie (AUF)

PROGRAM GOALS

- Sensitize students and teachers to entrepreneurship
- Develop the entrepreneurial culture of students
- Provide students with a favorable environment for the creation of businesses
- Support the development of university incubators.
- Federate and make visible the actions of higher education institutions in the area of entrepreneurship
- Develop new skills in students (creativity, innovation) to promote their employability.

PARTNERS

- Berytech
- Smart ESA
- Gathering of Lebanese Executives and Business Managers in the World (RDCL World)
- PEPITE / France program (FNEGE)

MAIN EXPECTED RESULTS

- Establishment of a national Student-Entrepreneur status allowing university credit to be used for business creation activities
- Provision and free access on a platform on entrepreneurship: deelproject.org
- Establishment of a co-working space open to student entrepreneurs in which they can find the necessary support and the favorable environment for the creation of their business, and therefore the transition to the entrepreneurial act

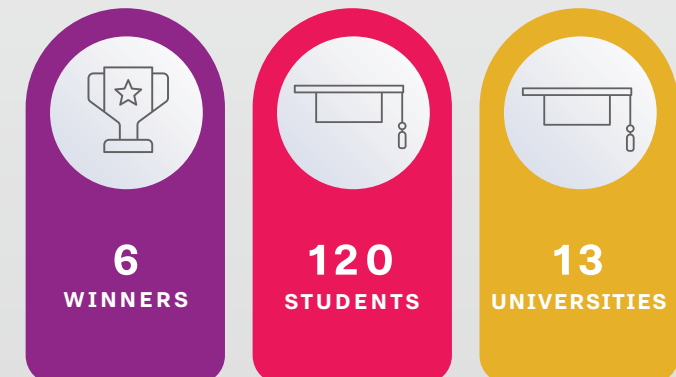
PERIOD

2017 – 2022



COMPETITION 2020

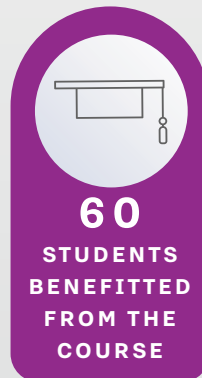
For the second year in a row, AUF in the Middle East organized with its partners the national competition for student entrepreneurs within the framework of the DEEL project. Six student business development projects have been selected and will benefit from a one-month stay in France in student centers for innovation, transfer and entrepreneurship (Pépité-France) in order to develop their business projects. More than 120 students from 13 Lebanese universities took part in this competition and developed their project thanks to the support of their tutors in their respective institutions and to training offered to them by the Berytech and Smart ESA.





DESIGN THINKING & INNOVATION COURSE

The Engineering School of Saint Joseph University (ESIB) launched an innovation course for the Spring Semester 2020 in their Mar Roukoz campus, with the aim of training students to becoming innovation-driven engineering professionals. As an innovator's orientation is the common denominator by which technology intensive organizations succeed in the new world order and in the 21st century global economy, this course introduced students to the concepts of innovative thinking and innovation best practices, using lectures, case studies and team exercises; in addition, it taught life skills in innovative thought and action that students could apply in their careers. Enthusiastic partners from the Berytech Community joined the Berytech team and supported students throughout their innovation journey, including Link-it, SWORD, NeuroNanoMed, Flying Cam, Synkers, and Oreyon.





TECHNOLOGY TRANSFER SUPPORT

Berytech has been leading on setting a national innovation strategy for Lebanon since 2017. While Lebanese researchers may be good publishers, there is a need to incentivize them and create reward systems to push them to develop projects with commercialization potential. The Lebanese ecosystem is challenged by the lack of funding for applied research, lack of Intellectual Property (IP) policies and support as well as weak links between academic research and industrial needs.

There is a need to plant the innovation seed in academia. Therefore, there is a need to develop the technology transfer landscape and encourage the development of research that addresses market needs turning it into commercial startups, or better, building connections between the researchers with industrialists.

The process of transforming innovations and technological findings emerging from universities into market-ready products is essential to driving economies forward. Researchers can typically find the answers to various technical challenges, given that they are rightfully connected to their target industry. When and if they are, they would subsequently be prepared to develop innovations that can transform the market and majorly contribute to job creation.

Therefore, technology transfer and commercialization are some of the tools that developing countries need to prioritize. According to the World Intellectual Property Organization – WIPO, Lebanon is currently performing below expectations given its level of development. However, recently, light has been shed on the potential of researchers to drive economic prosperity and solve current challenges. Thus, the country is moving towards an economy that is driven by production, led by local Lebanese researchers.





BESTMEDGRAPE PROJECT

Based on the R&D experience of the partners in the fields of grape valorization, waste exploitation and development of nanotechnological antioxidant/anti-inflammatory/ anti-neurodegenerative formulations, BESTMEDGRAPE aims at supporting the creation of new startups/SMEs by transferring scientific/technological knowledge on local grape cultivars and the exploitation of wine by-products as a source of bioactive compounds that can be transformed into innovative commercial health products.

The project will not only valorize a Mediterranean product – grape – but also the expansion of the grape value chain through the development of nanotechnological products, thus boosting the local economy, reducing environmental pollution and increasing employment opportunities.

WHAT WILL BE IMPROVED?

BESTMEDGRAPE expects a change of attitude in the way Mediterranean entrepreneurs deal with the many botanical and beneficial properties of local grape cultivars. Great attention will be devoted to the manufacture of high quality nanotechnological, cosmeceutical and nutraceutical products. This will entail the growth of a new value chain derived from grape waste and related job/business opportunities. In addition, the project will contribute to the preservation of the Mediterranean biodiversity and avoid environmental contamination from the huge quantity of bulky waste generated during winemaking.

WHO WILL BENEFIT?

- Farmers and local wineries
- 35 early-stage researchers
- 210 potential entrepreneurs
- Existing enterprises and industrial processing companies interested in recycling wine-making waste
- Consumers and end-users interested in environmental-friendly grape products
- 15 public institutions involved in environmental sustainability

FULL TITLE

New Business opportunities & Environmental suSTainability using MED GRAPE nanotechnological products – Acronym: BESTMEDGRAPE

THEMATIC OBJECTIVE

A.2 Support to education, research, technological development and innovation

Priority: A.2.1 Technological transfer and commercialization of research results

COUNTRIES

- Italy • France • Tunisia
- Lebanon • Jordan

FINANCIAL DATA

€ 3.3 million total budget
20% Project co-financing

PARTNERS FROM LEBANON

Saint Joseph University of Beirut
Berytech Foundation

ASSOCIATES FROM LEBANON

Chateau Ksara SAL
Chateau St. Thomas

PROJECT DURATION

September 2019 –
September 2022

EXPECTED ACHIEVEMENTS

- 20 living labs activated and at least 4 co-publications on native grape cultivars characterization and extraction
- 1 cross-border technology platform developed to support business networking on grape waste exploitation
- 250 users interested in technological studies (pre-competitive analysis)
- 10 products and services developed for commercialization in the field of grape derivatives
- 10 newly established companies operating in the production and commercialization of innovative products and services in the area of grape and its derivatives
- 250 pre-competitive analyses of promising products and services
- 150 potential entrepreneurs selected for the exploitation of promising grape-related products and services



TECHNOLOGICAL TRANSFER PROCESS AND MENTORSHIP AND GUIDANCE FOR BUSINESS CREATION PROGRAM

Berytech issued a call for applications to select 30 candidates for admission to the Technological Transfer Process and Mentorship and Guidance for Business Creation Program under the BESTMEDGRAPE Project.

The call was launched to source applicants and identify potential entrepreneurs who are most inclined and likely to propose viable project ideas.



BUSINESS CREATION

For 30 potential entrepreneurs



LIVING LABS

For 30 potential entrepreneurs



NETWORKING DAYS

For 30 potential entrepreneurs



VOUCHERS

For 10 potential entrepreneurs



CONTAMINATION UP

For 10 potential entrepreneurs





IP VALORIZATION GRANTS PROGRAM

The objective of Berytech through its ACT Smart Innovation Hub initiative is creating opportunities for innovators through different pillars including IP Valorization – valorizing Lebanese Research to commercialization and industry advancement.

Berytech has partnered with The Euro-Lebanese Centre for Industrial Modernisation (ELCIM) of the Industrial Research Institute (IRI) to mobilize Academia and Research Institutions to work on commercializing Lebanese intellectual property for the benefit of different sectors and to advance the Knowledge Economy.

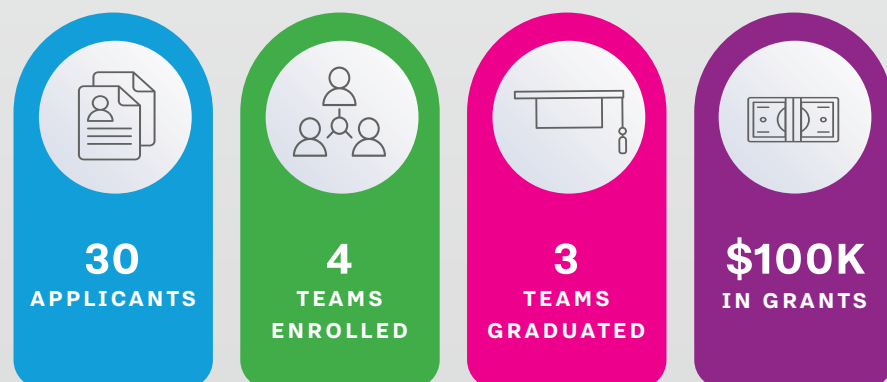
Over 30 applications were received from different universities, and four research teams have been selected to join the program, each awarded a \$25,000 innovation voucher. The four research teams are innovating in Agri-food and in Cleantech (waste, water and energy) in Lebanon. Each grant is used to cover the costs of Consulting and Research, Development and related simulation or Prototyping, field testing and application potentials, all with the aim to bring the project closer to market.

PROGRAM DONOR

The Kingdom of the Netherlands

PROGRAM TIMELINE

2020-2021



NEX-LABS PROJECT

NEX-LABS intends to contribute to the creation of a sustainable and resilient agri-food sector based on NEXUS driven Open Living Labs (NDOLL) approach, thus strengthening technology transfer, cooperation industry- academia, increasing commercialization opportunities and innovation-driven growth.

THE PROJECT IN NUMBERS

- Duration: 30 months
- Start date: September 2020 – End date: June 2022
- With reference B_A2.1._0124, NEX-LABS project is funded by the EU under the ENI CBC Med Programme
- With a total budget of €3.450.984,97, the project has received a contribution of € 3.105.866,47 (90%)

BENEFICIARIES

NEX-LABS targets a plethora of stakeholders, including public institutions such as ministries and national agencies, research centers or universities, SMEs, entities of the entrepreneurship ecosystem such as companies/ technology transfer organizations /technological parks/venture capital/business angels, entities collaborating to the public debate such as communication multipliers/think tanks, civil society organizations.

IMPLEMENTING PARTNERS

NEX-LABS project includes a partnership of 11 institutions from 7 different countries across the Mediterranean.

- Autonomous University of Barcelona (ES)
- Chamber of Commerce and Industry of the Center (TN)
- Royal Scientific Society- Aqaba Liaison Center (JO)
- Berytech (LB)
- INNOLABS SRL (IT)
- Academy of Scientific Research and Technology (EG)
- American University of Beirut (LB)
- Centre for promotional services to enterprises – Special Agency of Cagliari Chamber of Commerce (IT)
- Net7 Srl (IT)
- C.I.P Citizens in Power (CY)
- The Jordanian Hashemite Fund for Human Development /Princess Basma Community Development Centre Aqaba (JO)



TRANSDAIRY PROJECT

Berytech is an implementing partner in Lebanon of the TRANSDAIRY project ('TRANSborder Key Enabling Technologies and Living Labs for the DAIRY value chain') funded by the European Union under the ENI CBC Med Programme.

TRANSDAIRY, coordinated by the University of Campania Luigi Vanvitelli (Italy), aims to enhance the technological transfer among research, industry and SMEs in the fields of Key Enabling Technologies applied to the Dairy Value Chain, by the creation of Living Labs, the increase of institutional capacities through training, and the development of market intelligence for sustainability and consolidation of spin-offs.

THE PROJECT IN NUMBERS

- Duration: 30 months
- The total budget of the project is €3.8 million with an EU contribution of €3.4 million (90%).
- Main source of funding: European Union (ENI CBC Med Programme)

BENEFICIARIES

The project will provide financial support for the creation of startups, registration of patents, publications, training classes and workshops in a total of 8 living labs distributed across the Mediterranean area (Italy, Lebanon, Greece, and Tunisia).

IMPLEMENTING PARTNERS

The partnership includes research institutions, governmental organizations, and SMEs as follows:

- Italy: University of Campania Luigi Vanvitelli, National Research Council-Institute of Food Science, Kontor 46
- Greece: Agricultural University of Athens, Institute of Communication and Computer Systems
- Tunisia: Agricultural Investment Promotion Agency, Agency for the Promotion of Industry and Innovation, Higher School of Engineers of Medjez El Bab
- Lebanon: Industrial Research Institute, Berytech

Berytech will be facilitating a Living Lab, scouting for innovations, and managing grant vouchers to support innovators in the creation of spin-offs in the Dairy Value Chain.

PHEMAC PROJECT

PARTICIPATORY HUB FOR EFFECTIVE MAPPING, ACCELERATION AND CAPITALIZATION

Berytech is an implementing partner in Lebanon of the Participatory Hub for Effective Mapping, Acceleration and Capitalization (PHEMAC) of EU-MPC NEXUS best practice, aiming to develop and disseminate an interactive platform to profile best practices from previous projects and initiatives and those that are underway relating to the agricultural, water and food sectors in the Euro-Mediterranean area.

The PHEMAC project is implemented by 12 partners, distributed among several countries in the Mediterranean basin: Spain, Egypt, Italy, Lebanon, Jordan, Morocco, France and Tunisia.

In the scope of this project, Berytech will support R&D innovation projects in their Go-to-Market process and strategy to explore commercialization opportunities and facilitate in linking their technology solutions to the right stakeholders such as potential partners, licensees, investors and consultants. The support will be done through technical, innovation and business capacity building.

THE PROJECT IN NUMBERS

PRIMA Section 1. Nexus Call. Topic 1.4.2

Project start date: 01/01/2020

Duration: 36 months

Budget: €1.100.000

PROJECT COMPONENTS

- 1 Interactive Platform (I-HUB)
- 4 Weeks of Innovation
- 4 Hackathons
- 4 Bootcamps
- 4 Nights of research
- 1 Helpdesk
- GO2Market Activities

TECHNICAL GOALS

- 700 projects mapped and classified
- 350+ labeled innovation projects
- 80+ innovators trained in Training camps
- 40+ projects cataloged & promoted best practices
- 5 country reports / 5 policy strategy recommendations

ECONOMIC GOALS

- 1 business plan for operation
- 10 solutions identified as best practices to replicate
- 50 innovative projects adopted by the private sector





TECH TRANSFER BOOSTER TRACK

Berytech is the official partner of THE NEXT SOCIETY in Lebanon, whose goal is to help shape the future of the Mediterranean by mobilizing entrepreneurs, innovators and corporate ecosystems to tackle the innovation and sustainable development challenges faced in the region. THE NEXT SOCIETY supports the emergence of talents and innovative leaders who will drive the next trends and usages by targeting startups, clusters and technology transfer offices to accompany their development and by doing so, places the private sector in the driving seat of innovation strategies.

The Tech booster track is intended for young researchers or innovators who developed a technology or a research project and who want to turn it into a successful business.

PROGRAM DONOR

Europeaid

PROGRAM GOALS

- Remove barriers to innovation and unleash creative potential,
- Reinforce innovation ecosystems,
- Push forward concrete solutions and foster value creation, and
- Support entrepreneurs, innovators, cluster and technology transfer managers.

TECHNICAL ASSISTANCE MISSION

Championed by Berytech, the Technical Assistance Mission was conducted in 2019 as a follow-up to the public-private dialogue initiated during the two previous advocacy panel meetings.

A roadmap of 29 actionable recommendations for universities and other key ecosystem players to boost the technology transfer dynamics in Lebanon, was shared by Berytech. Accordingly, an advocacy committee, made of university members, IP Agents, government representatives, accelerators, incubators, and industry players, selected key initiatives that they would implement.

One of the initiatives that was strongly recommended is titled Building the Capacity of Technology Transfer Offices Personnel and Establishing Sustainability Models, which aims at increasing the effectiveness and efficiency of TTO activities.

Research to Innovation Lab

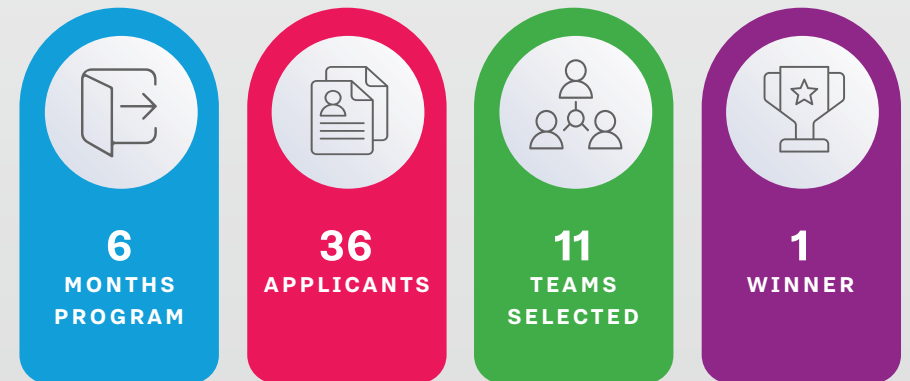
Berytech, under EU-funded THE NEXT SOCIETY and in partnership with iPARK – Royal Scientific Society in Jordan, launched the Research to Innovation Lab: A Go To-Market Coaching for Technology Transfer Officers program.

The program provides tailor-made guidance from experts and opportunities to get local and international exposure to promote technology portfolios. The program includes group sessions with up to 6 participants, one-to-one sessions, and off-line work. Three TTO managers will be awarded the opportunity of a soft-landing mission in a fellow technology transfer office or knowledge transfer office in Europe or in the MENA region in 2021 to establish technology partnerships. Participating universities from Lebanon include the American University of Beirut, Holy Spirit University of Kaslik, Lebanese University, and Saint-Joseph University of Beirut.

INNOVATION FACTORY 2020

Berytech managed the third edition of Innovation Factory: from research to market, a program allowing researchers, innovators, engineers, and professors in Lebanon to develop their research or technology innovation in any sector into a practical and commercially viable product or application.

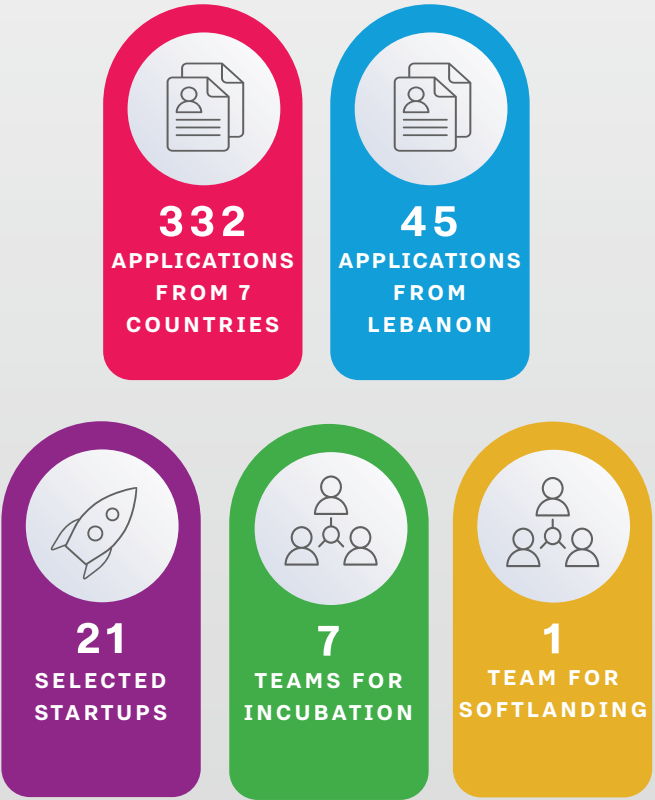
PETCRETE – a joint research project by Ahmad Barazi from the American University of Beirut and Mariam Naja from Rafic Hariri University, was selected as the winner of the third edition of the Innovation Factory Program. The duo is working on a sustainable fiber made from abundant PET plastic to reinforce concrete at a highly competitive cost with higher durability



Regional Innovation Factory Program: from research to market

Building on the successful pilot of the Innovation Factory program in Lebanon, Berytech built a regional digital edition of the program - the Regional Innovation Factory and launched this first regional edition of the program to foster regional exchange of best practices and international innovation opportunities among applied research and technology transfer players.

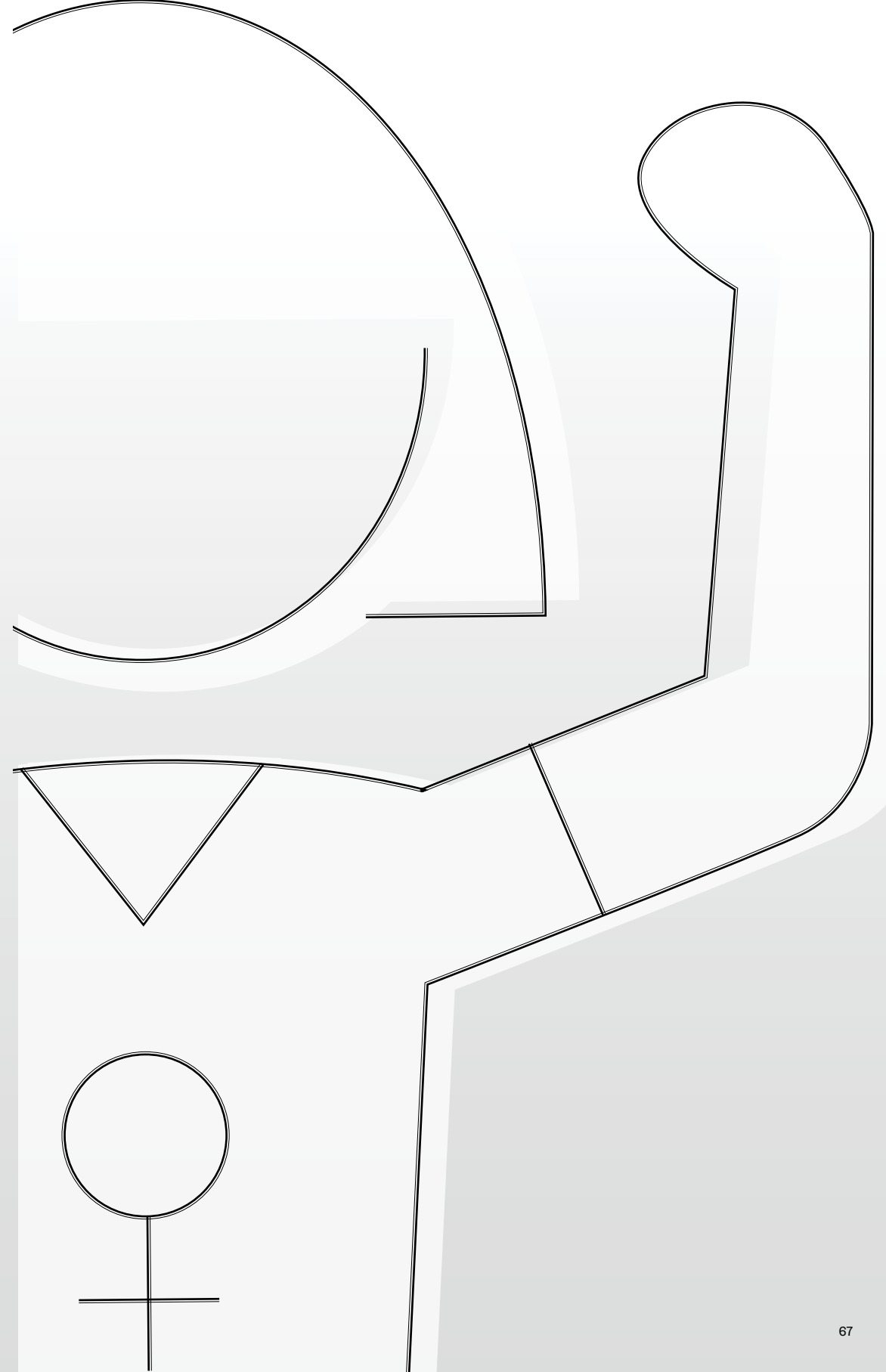
Berytech shortlisted 21 teams from the seven partner countries, who attended a 3-day entrepreneurship bootcamp with seasoned experts in December 2020. In February 2021, seven (7) selected teams will attend a virtual matchmaking event with industry experts and potential investors for the selected projects. The selected teams will benefit from the 4-month incubation support from Berytech and partners including technical and business assistance. One team will be selected for a softlanding opportunity to get short-term business and collaboration support from a European partner.



WOMEN EMPOWERMENT

Berytech has dedicated a track of activities to support women entrepreneurs in overcoming the constraints they face to thrive in entrepreneurship and in maximizing their potential contributions to the Lebanese Economy.

Within this track, Berytech aims to motivate women to launch, grow and succeed in their own ventures by creating customized programs, competitions and tracks and identifying successful role models, and influence policies towards the support of women entrepreneurs especially in the digital sector.





FEMME FRANCOPHONE ENTREPRENEURE COMPETITION

Since 2012, the Middle East Regional Directorate of the Agence Universitaire de la Francophonie (AUF) and Berytech, with the support of L'Orient-Le Jour, Commerce du Levant and the Lebanese League for Women in Business, have joined forces to organize this annual competition for French-speaking women with a startup idea.

Every year, Berytech plays an active role in planning, implementing and disseminating the competition. Berytech also incubates the winners for 6 months, providing them with working space, training workshops, coaching sessions and participation in other programs.

The competition takes place in 4 stages starting first with the online application where women entrepreneurs submit their idea. The training phase follows where the shortlisted entrepreneurs attend training days and are expected to submit a complete business plan.

10 semi-finalist candidates follow an intensive training on their pitch. A committee of representatives from AUF, Berytech, L'Orient-Le Jour and Commerce Du Levant evaluates the pitches and selects 5 finalists.

The 5 finalists then pitch in front of a jury and the public during the annual finale. The two winners are announced on the same day, each earning €10,000 and incubation support for six months from Berytech.

PROGRAM DONOR

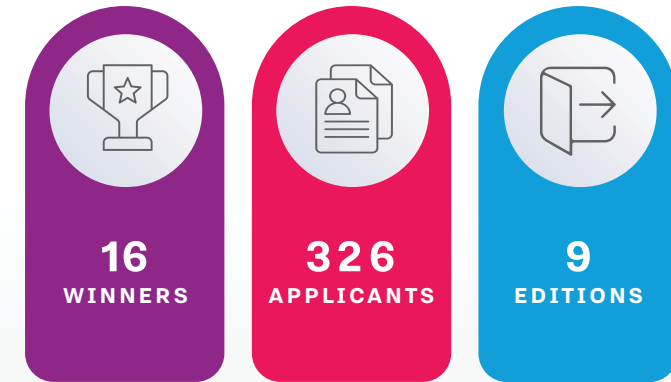
Agence Universitaire de la Francophonie (AUF)

PROGRAM PARTNERS

L'Orient-Le Jour, Commerce du Levant, LLWB

PROGRAM GOALS

- Support two francophone women entrepreneurs in creating and growing their businesses by providing them with €20,000 granted by the AUF and business support and incubation granted by Berytech
- Encourage women entrepreneurs to establish innovative companies that go beyond the traditional framework
- Empower women to play a leading role of in the Lebanese economy



FEMME FRANCOPHONE ENTREPRENEURE 2020

Sandra Berro – Arabizon, cultural products and toys for children, Gaëlle Fayad – Scriptofilm, an online market which connects scriptwriters and film directors to producers, investors and buyers, and Lina Al Khouri – Counsela, an anonymous and affordable online psychological counseling platform which aims at enabling individuals to better control their emotional health, won the 2020 final of the Femme Francophone Entrepreneure competition 2020 edition.





CRISIS MANAGEMENT FOR WOMEN-LED BUSINESSES

The World Bank Group has partnered with Berytech and the Lebanese League for Women in Business (LLWB) to provide capacity building in times of crisis for women who want to grow their businesses and enhance their business model, marketing, financing, and networking opportunities, as well as learn how to be resilient in the face of crisis.

The Crisis Management for Women-Led Businesses program supports the economic mobility of women in Lebanon, helping them to grow sustainable businesses that are market-oriented, profitable, scalable, and which will facilitate job creation or maintain existing jobs. Berytech and LLWB are providing customized trainings in addition to mentorship sessions to participating trainers and women-led businesses.

PROGRAM DONOR

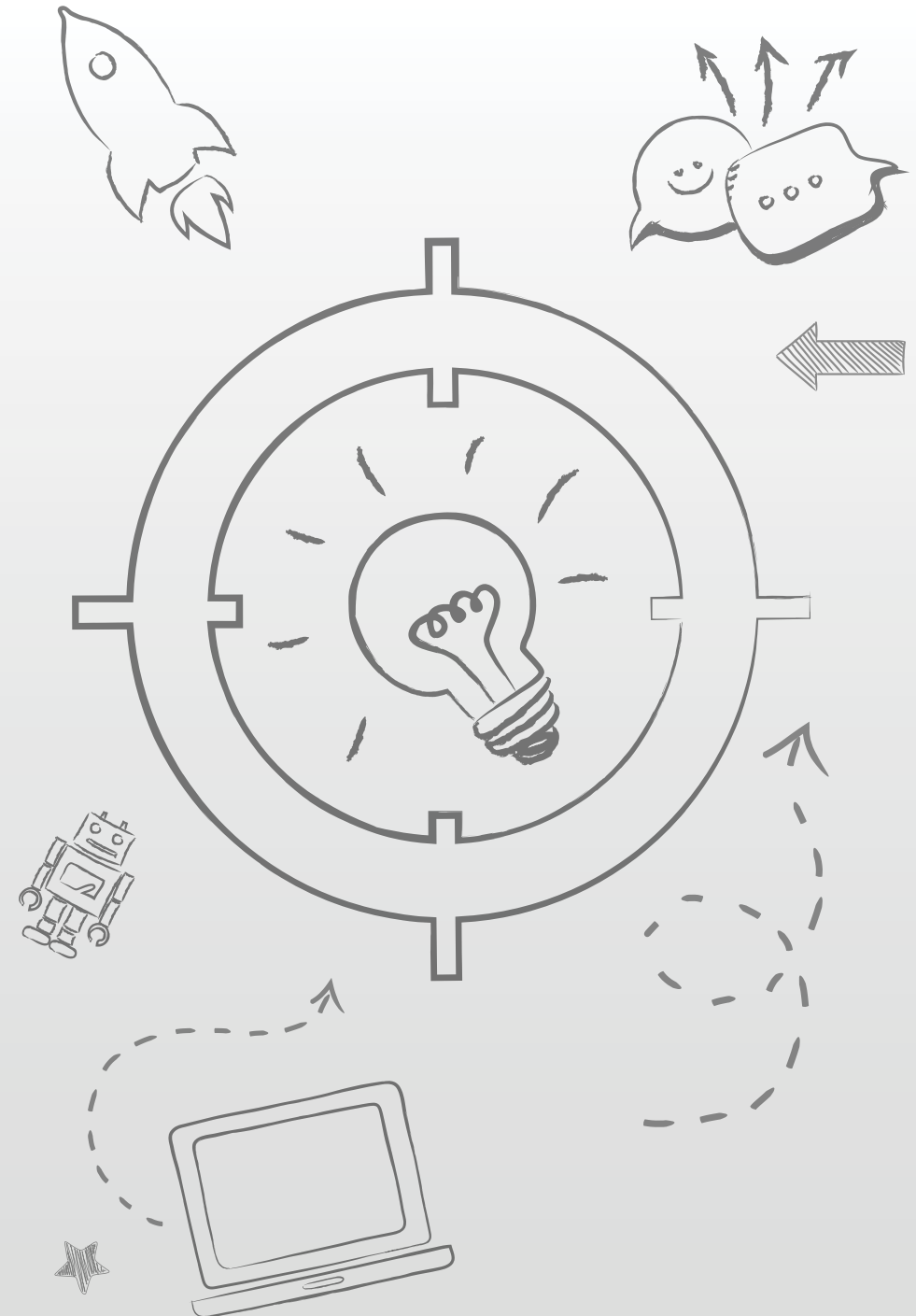
World Bank Mashreq Gender Facility

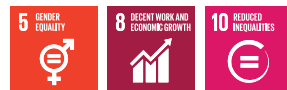
PERIOD

2020-2021

PROGRAM GOALS

- To provide women business owners with the needed understanding of the crisis mechanism and the required tools and frameworks to understand the crisis impact on their business
- To help them develop adequate mitigation plans to navigate the repercussions of the current crises and ensure sustained operations





WOMEN'S ECONOMIC PARTICIPATION IN NORTH AND MOUNT LEBANON (WEP)

René Moawad Foundation is leading a consortium to implement the Women Economic Participation in North and Mount Lebanon (WEP) project, with funding from the Government of Canada and under the guidance and supervision of the United Nations Development Program within the framework of the Lebanon Host Communities Support Programme (LHSP). The project aims at contributing to the economic empowerment of women by addressing women's limited access to, control of, and benefits from economic opportunities.

PROGRAM DONOR

Government of Canada

CONSORTIUM

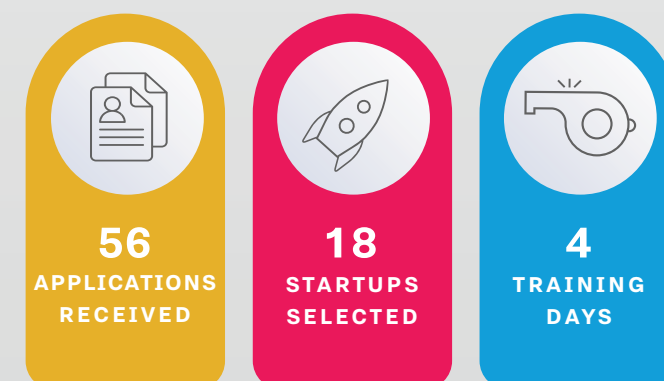
- René Moawad Foundation
- Berytech
- Digital Opportunity Trust Lebanon (DOT Lebanon)
- Atayeb El-Rif Association (AAR)
- Committee for the Follow-up of Women's Issue (CFUWI)

PROGRAM BENEFICIARIES



PROGRAM GOALS

- To increase local awareness and support to women's rights, notably economic empowerment and right to decent work
- To boost local recognition of women's role in non-traditional economic development.
- To foster competences of local women, individuals and groups, to access the market based on competitiveness and innovation in selected value chains.
- Agricultural value chains: oregano (wild and cultivated), friqeh, small ruminants, and honey.
- Non-agricultural value chains: handcrafts, renewable energy, and information, communication technology (ICT).



PART

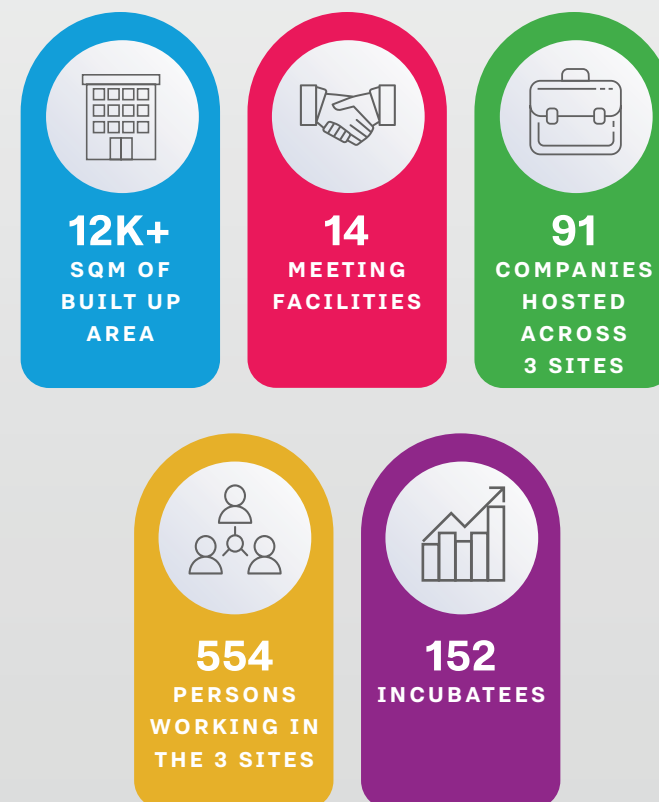


COMMUNITY

Berytech provides entrepreneurs with hosting facilities while serving their needs in terms of space, infrastructure and value-added services. This allows them to grow within its community and build interconnected networks of like-minded innovators. It also gives them the chance to exchange expertise and knowledge.

BERYTECH INNOVATION PARKS

Berytech currently runs 3 innovation parks in Lebanon serving entrepreneurs in the greater Beirut Area. Members of the Berytech community, including hosted tenants and alumni, have access to all the programs, competitions, networks and resources that Berytech offers.





B E R Y T E C H F A B L A B

The Berytech Fab Lab opened in October 2017, co-funded by the Embassy of the Kingdom of the Netherlands and Berytech. It is the sole organization in Lebanon member of the Fab Foundation, the main international authority certifying Fab Labs around the world, offering a technical prototyping platform for innovation and invention, aiming at turning ideas into prototypes.

The Berytech Fab Lab is an open-access digital fabrication lab bringing together a great community of makers and offering top of the art machines for hardware and electronics fabrication.

The Berytech Fab Lab proposes workshops to develop makers' skills and competencies in hardware and software usage. It also gives Lebanese makers access to local and international networks of makers and entrepreneurs.

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B U I L D F O R B E I R U T I N I T I A T I V E

Berytech, through its Fab Lab, is building a library of global open-source designs for furniture that can make a huge impact, while being easily and affordably produced using digital fabrication techniques on the ground in Beirut. The Berytech Fab Lab partnered with Wikifactory, Makers for Good and Smart Impact to help a global effort to support the reconstruction efforts on the ground in Beirut.

B E R Y T E C H F A B L A B W O R K S H O P S

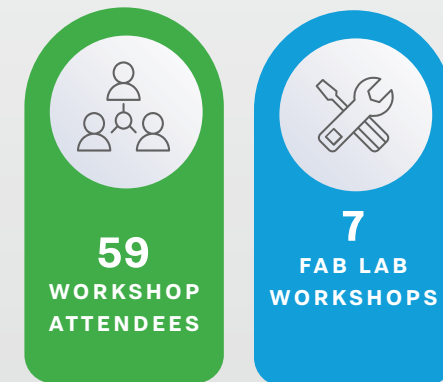
The Fab Lab's maker community is built around collaboration and sharing. The on-going program of trainings, workshops, networking events and meetups is designed to facilitate the transfer of knowledge from and to passionate makers in Lebanon.

SUBJECTS

covered introductions to different software and hardware as well as fabrication methods

Arduino

- 3D Modelling and 3D Printing
- Grasshopper
- Lego Robotics
- Adobe Illustrator
- Introduction to Product Lifecycle
- Design to Make workshop



H E A L T H T E C H S O L U T I O N S I N I T I A T I V E

Berytech welcomed in its Digital Fabrication Lab anyone and any team working on a Health Technology solution that could respond to the Coronavirus crisis and the current emergency medical needs for Lebanon. Berytech supported 5 projects with up to a \$10,000 grant each to cover material used to prototype at the Berytech Fab Lab.



CORPORATE PARTNERSHIPS

We've partnered with key organizations, multinationals and companies to offer our tenant community value-added services and products with exclusive discounted packages to boost their business.



Provides delivery and logistics services including support in all the governmental and non-governmental transactions, as well taxi services to transfer people with their modern motorcycles to avoid traffic and save.



Provides startups with the low cost, easy to use web-hosting infrastructure needed to scale and grow any business with many exclusive advantages.



Provides high quality digital services executed by skilled freelancers from marginalized communities in Lebanon.



Offers a suite of products for customer relationship management (CRM), content management (CMS), marketing, sales, and customer service: powerful alone, and even better when used together.



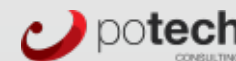
Offers core services that integrate simply and efficiently, so you get the attention and results you deserve.



Offers special discounts for algorithm development, data analysis, visualization, and numeric computation.



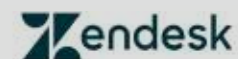
Offers free cloud and support from experienced product teams.



Provides IT and Cybersecurity consulting services ranging from penetration tests to strategic planning.



Provides startups with an adaptive marketing automation stack. VBOUT is used by agile teams looking to build and optimize their lead generation and nurture process.

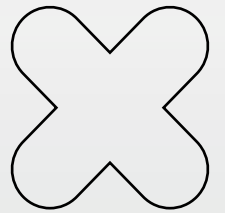
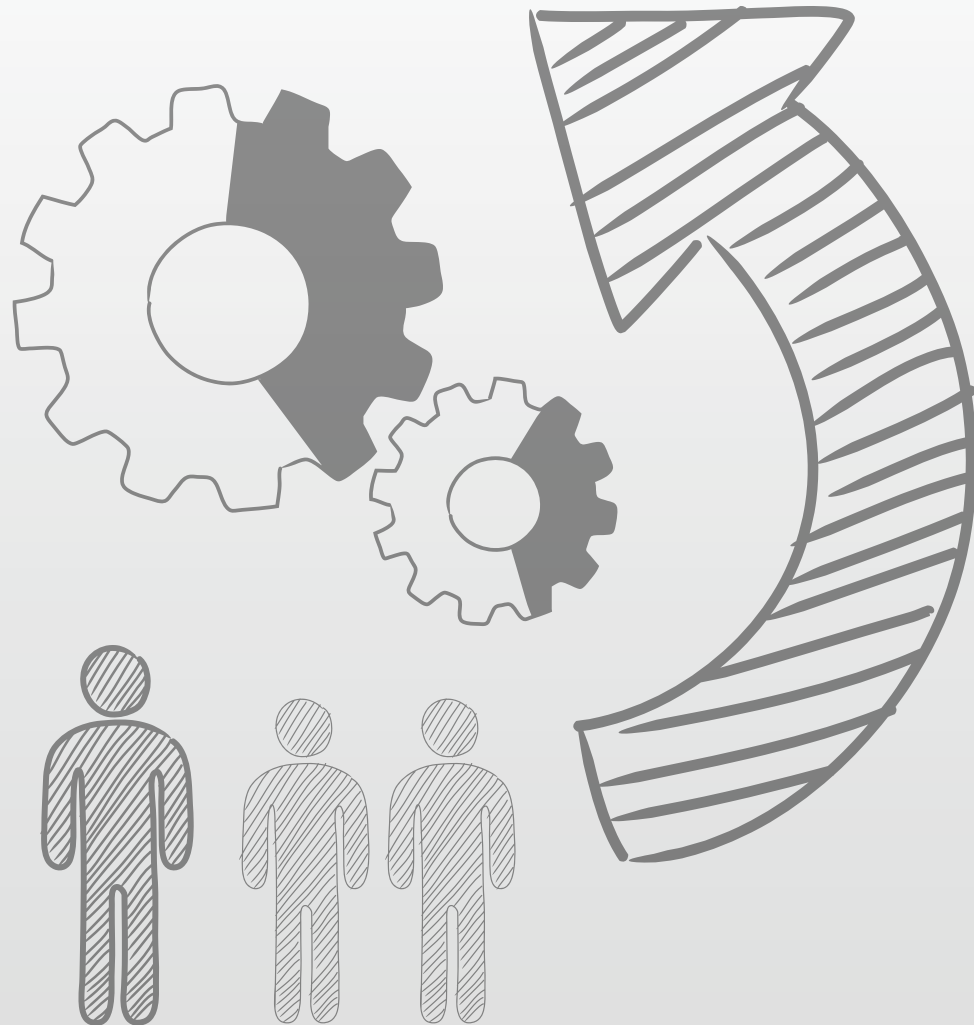


Service-first CRM company with support, sales and customer engagement products designed to improve customer relationships.



PART

IV



ABOUT
BERYTECH

Berytech's role is multifold in building an all-inclusive ecosystem for its own entrepreneurs while contributing to the growth of the Lebanese entrepreneurial ecosystem in general. It has helped shape the cultural norms of the society in accepting and supporting the concept of entrepreneurship, while its different activities continue to push new avant-garde concepts. Berytech serves as a nucleus in connecting different stakeholders in the ecosystem and it strives to influence policymakers and legislating bodies to issue laws that benefit the ecosystem.

Since its establishment in 2002 by USJ, Berytech has succeeded in:

- Creating strategic connections and international partnerships and affiliations;
- Connecting different pools of experts in the ecosystem: business angels, mentors, cluster managers, technology transfer managers, innovators and researchers;
- Collaborating with the Ministry of Economy and Trade to set and implement a national strategy to support SMEs; and
- Partnering in creating organizations, programs and accelerators to serve the Lebanese entrepreneurial ecosystem.

WHAT WE OFFER

We offer one complete ecosystem for innovative entrepreneurs to create and develop their own startups and SMEs.

- Business support & Mentoring
- Access to international markets
- Funding advice & counseling
- Office spaces & facilities
- Job opportunities within our network
- Workshops, events & competitions
- Community Support



BERYTECH'S TOOLS TO FOSTER INNOVATION



ONLINE PLATFORM & COMMUNICATION

Promoting the Hub, open innovation, support interventions



OUTREACH & MOTIVATION

Outreach, Ideathons, Hackathons, Field Visits, FYP Reviews



IP VALORIZATION

Encouraging the generation and commercialization of Lebanese intellectual property



PROTOTYPING FACILITIES

Fast Prototyping at Berytech Fab Lab, Hardware & Electronic, Partnerships



ACCELERATION & INCUBATION

Hosting, acceleration & incubation, support, validation, commercialization internationalization, fundraising



GRANTS & MATCHING GRANTS

Cash grants to support MVP, acceleration and matching grant for the incubation phase



POLICY PUSH & LOBBYING

Policy dialogue, think tanks, white papers draft laws academia-industry



INTERNATIONALIZATION AND SOFTLANDING

Trade missions, exchange, international exhibition and trainings, access to markets



TECHNICAL ASSISTANCE FOR SMEs

Encouraging the generation and commercialization of Lebanese intellectual property



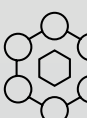
INVESTMENT READINESS

Fast Prototyping at Berytech Fab Lab, Hardware & Electronic, Partnerships



INVESTMENT FACILITATION

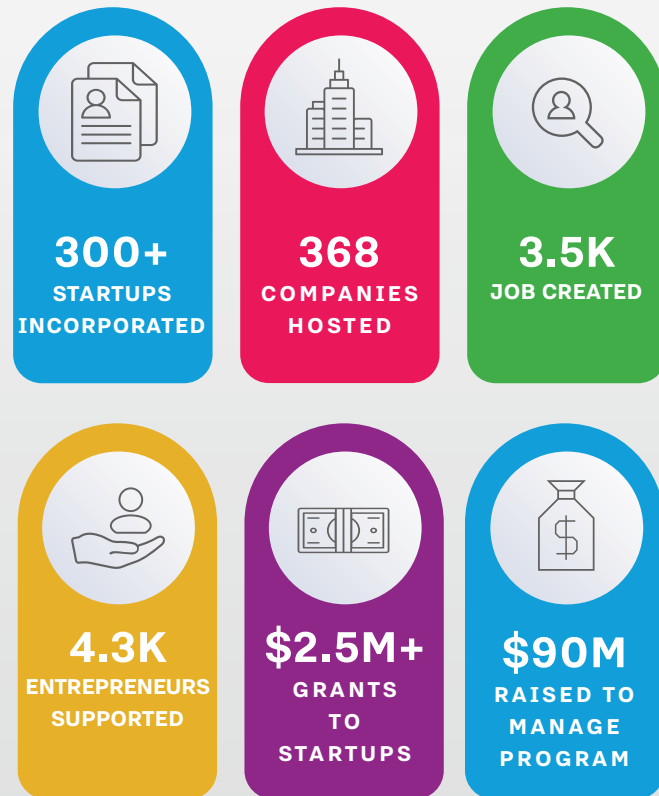
Hosting, acceleration & incubation, support, validation, commercialization internationalization, fundraising



CLUSTERING

Support to grow the sector, the startups and SMEs, lobby

BERYTECH IN NUMBERS



SHAREHOLDERS

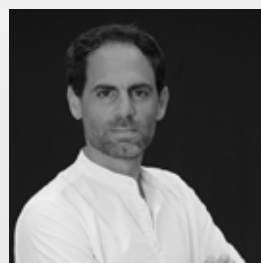
Our shareholders bring an added value of network connections, resources and opportunities to our community. Their combined expertise spans all areas of Berytech activities from finance and marketing to technology and innovation.



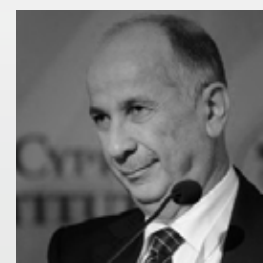
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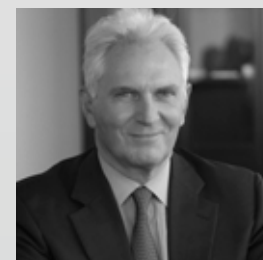
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>>
NASSER SAIDI & ASSOCIATES



MR. PETER TARAZI
>>
ARAB BANK

FUNDERS & DONORS



EUROPEAID

The European Union dedicates around 10% of its budget to external action. They provide funding in the form of grants, contracts, and budget support to partner countries. They also work hand-in-hand with international organizations, private bodies and EU member countries to increase the impact of our support.

Program/Activity: THE NEXT SOCIETY



HORIZON 2020

Horizon 2020 is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.

Program/Activity: WeHubs, 5TOI



EUROPEAN NEIGHBOURHOOD INSTRUMENT (ENI)

The European Neighbourhood Instrument (ENI) came into force in 2014. It is the financial arm of the European Neighbourhood Policy, the EU's foreign policy towards its neighbors to the East and to the South. It has a budget of €15.4 billion and provides the bulk of funding through a number of programs. ENICBCMED, the Mediterranean Sea Basin Programme is the largest Cross-Border Cooperation (CBC) initiative implemented by the EU under the European Neighbourhood Instrument (ENI). The general objective of the Programme is to foster fair, equitable and sustainable economic, social and territorial development, which may advance cross-border integration and valorize participating countries' territories and values.

Projects: GIMED, BESTMEDGRAPE, STAND Up!, NEX_LABS, Transdairy, SHAAMS



PRIMA

PRIMA – Partnership for Research and Innovation in the Mediterranean Area is financed through a combination of funding from PRIMA Participating States (currently €274 million), and a €220 million contribution from the EU through Horizon 2020, its research and innovation funding program (2014 – 2020).

Project: PHEMAC



KINGDOM OF THE NETHERLANDS

The Kingdom of The Netherlands supports programs that are aimed at strengthening the Lebanese social infrastructure and improving prospects for the Lebanese. Indeed, the current situation in Lebanon shows even more than before that innovation and job creation for youth are needed.

Initiatives: ACT Smart Innovation Hub, Agrytech - Agri-Food Innovation Hub



UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

USAID is the world's premier international development agency and a catalytic actor driving development results. USAID works to help lift lives, build communities, and advance democracy. USAID's work advances U.S. national security and economic prosperity; demonstrates American generosity; and promotes a path to recipient self-reliance and resilience.

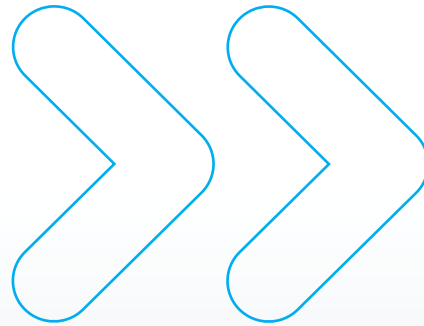
Projects/Initiatives/Activities: MENA Investment Initiative, Lebanon Investment Initiative, LED Project, DAWERR Activity



U.S.-MIDDLE EAST PARTNERSHIP INITIATIVE (MEPI)

Aiming to advance stability and prosperity in the Middle East and North Africa region, the Middle East Partnership Initiative program supports governments and their citizens to achieve shared political, economic and stability objectives. The MEPI program responds to needs and emerging opportunities for citizens and organizations that target two core objectives: Participatory Governance and Economic Opportunity.

Program: Impact Rise Social Innovation Program



UNDP

United Nations Development Programme is the United Nations' global development network. It advocates for change and connects countries to knowledge, experience and resources to help people build a better life for themselves.

Projects: Mount Lebanon Youth Entrepreneurs Competition, Women Economic Participation in North and Mount Lebanon Project



WORLD BANK

The World Bank is an international financial institution that provides loans and grants to the governments of poorer countries for the purpose of pursuing capital projects.

Program: Crisis Management Program for Women-Led Businesses



DEPARTMENT OF STATE, USA THROUGH VENTUREWELL

VentureWell is supporting delivery of the U.S. Department of State's Global Innovation through Science and Technology (GIST) initiative, which empowers young innovators through networking, skills building, mentoring, and access to financing to develop startup solutions that address economic and development challenges.

Initiative: Global Innovation through Science and Technology | GIST Initiative



AGENCE UNIVERSITAIRE DE LA FRANCOPHONIE

The Middle East Regional Directorate represents the Agence Universitaire de la Francophonie in the region. Established in Beirut since 1993, it runs a network of 89 members in 16 countries and has five establishments in three countries in the region.

Competitions: Femme Francophone Entrepreneure Competition, DEEL Competition



UNICEF

The United Nations Children's Fund is a United Nations agency responsible for providing humanitarian and developmental aid to children worldwide.

Project: Generation of Innovation Leaders (GIL)



BMZ - EU - SIDA - USAID

WE4F is a joint international initiative of the German Federal Ministry for Economic Cooperation and Development (BMZ), the European Union (EU), the Ministry of Foreign Affairs of the Government of the Netherlands, the Swedish International Development Cooperation Agency (Sida), and the U.S. Agency for International Development (USAID).

Initiative: WE4F-RIH-MENA



GOOGLE.ORG

Google.org, Google's philanthropic arm, supports non-profits that address humanitarian issues and apply scalable, data-driven innovation to solving the world's biggest challenges.

Program: Helping SMEs Build Resilience (Led by Youth Business International)



SPARK

SPARK develops higher education and entrepreneurship so that young ambitious people are empowered to lead their post-conflict societies into prosperity. SPARK supports existing small and medium enterprises (SMEs) to grow and create new job opportunities.

Program: Developing Entrepreneurship for MSMEs in Lebanon (program offered by SPARK, implemented by Berytech, funded by the European Union, the EU Trust Fund in Response to the Syrian Crisis and Sanad)

MEMBERSHIPS, ACCREDITATIONS AND CERTIFICATIONS

Berytech has been certified by international organizations and has international memberships offering entrepreneurs in the community access to global support networks.



ECHOSWITCH COALITION

Berytech is committed to the Eco-Switch Coalition, a collaboration between well-established institutions, NGOs and companies who wish to strengthen the support given to eco-entrepreneurs in Lebanon. The aim is to help local green entrepreneurs thrive and grow their positive environmental impact, by providing them with a variety of support mechanisms based on their needs.



EUROPEAN BIC (BUSINESS & INNOVATION CENTERS) NETWORK [EBN]

Berytech is a member of EBN, a network of around 140 quality-certified European business and innovation centers, incubators, accelerators and other support organizations, and approximately 100 Associate Members that support the development and growth of innovative entrepreneurs, startups and SMEs.



EU BUSINESS & INNOVATION CENTER

Berytech is an EU-accredited Business Innovation Center since 2006, which certifies our compliance to a set of standards known as the EU|BIC Quality Mark Criteria, the only quality system recognized by the European Union.



FAB FOUNDATION

Berytech Fab Lab is a member of the international Fab Foundation network of over 78 countries. The network connects Fab Lab members to a global community of learners, educators, technologists, researchers, makers and innovators facilitating knowledge and idea sharing.



FINTECH GALAXY

Berytech has teamed up as Ecosystem Partners with Fintech Galaxy - the UAE-based cross-border fintech marketplace and innovation crowdsourcing platform, to help drive collaboration, fuel innovation, and facilitate integration between financial institutions and fintech companies.



GROWTHWHEEL CERTIFICATION

The Berytech Business Support team is certified by and uses GrowthWheel - a platform that provides an online alternative to the conventional business plan.



GLOBAL WATER PARTNERSHIP

Berytech is a member of the Global Water Partnership, with the aim to work with other countries towards the equitable, sustainable and efficient management of water resources. GWP is a global action network with over 3,000 Partner organizations in 179 countries.



ICC-ESCWA CENTRE OF ENTREPRENEURSHIP

The International Chamber of Commerce (ICC) and the United Nations Economic and Social Commission for Western Asia (ESCWA) launched the ICC-ESCWA Centre of Entrepreneurship to inspire entrepreneurial innovation and improve the business environment for SMEs in the Arab region. Berytech is supporting the new ICC-ESCWA Centre for Entrepreneurship in Beirut, and as a partner will help strengthen the Centre's mission and purpose.



UN GLOBAL COMPACT NETWORK

Berytech is a member of the UN Global Compact Lebanon, particularly committed to the Sustainable Development Goal #9 related to Industry, Innovation and Infrastructure.



We turn
innovative
ideas into
successful
businesses

