

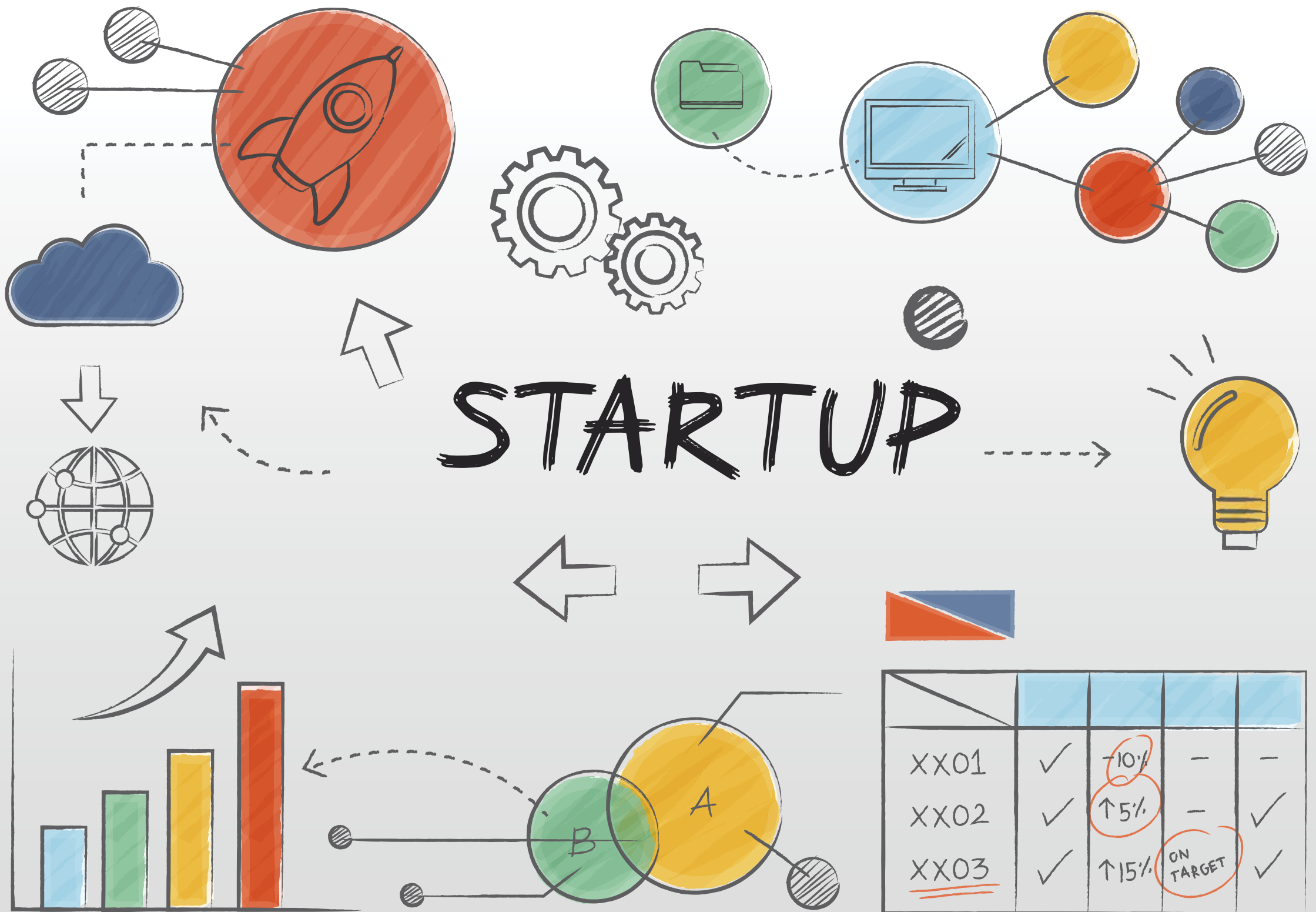


IMPACT REPORT

2019



STARTUP



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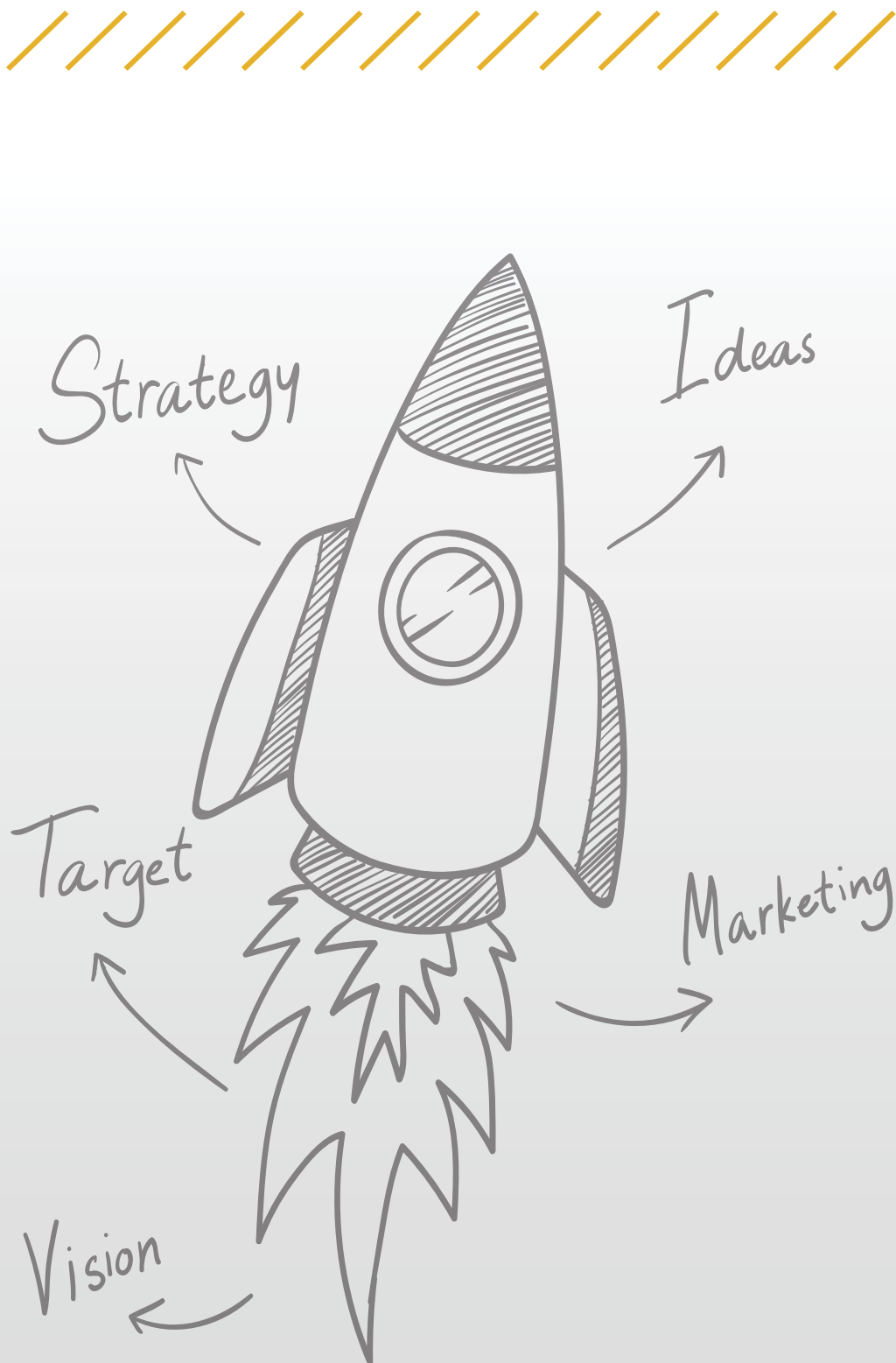
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PART



YEAR IN REVIEW

Through its ongoing programs and within its main verticals, Berytech's activities continue to serve its mission in supporting its community of innovative entrepreneurs and contributing to the Lebanese startup ecosystem.

Berytech aims to further open regional and international networks for startups and bring additional value through new partnerships and programs that not only respond to the needs of the growing ecosystem but anticipate it.



IMPACT IN NUMBERS

FOCUS ON 2019



This report showcases the impact of Berytech's activities in supporting startups, creating a nurturing ecosystem for entrepreneurs and propagating entrepreneurship in Lebanon with a specific focus on the year 2019.



97

STARTUPS SUPPORTED

Through our programs and competitions in 2019



\$1.38M

REVENUE GENERATED

As reported back by 37 active startups that Berytech supported in 2019



\$12K

RECEIVED IN LOANS

As reported back by 37 active startups that Berytech supported in 2019



5

NEW COMPANIES INCORPORATED

Of the startups that Berytech supported, 5 reported getting incorporated in 2019



\$610K

INVESTMENT RAISED

As reported back by 37 active startups that Berytech supported in 2019



52

NEW JOBS CREATED

As reported back by 37 active startups that Berytech supported in 2019



\$154K

RECEIVED IN GRANTS

As reported back by 37 active startups that Berytech supported in 2019



70

UNIQUE ENTREPRENEURS SUPPORTED

Through Berytech programs, trainings and related activities



161

HOSTED COMPANIES

throughout the Berytech 3 sites in 2019



116

COMMUNITY EVENTS

Organized by Berytech in 2019



73

TRAININGS AND WORKSHOPS

Managed by Berytech's Business Support and Development Department in 2019



12

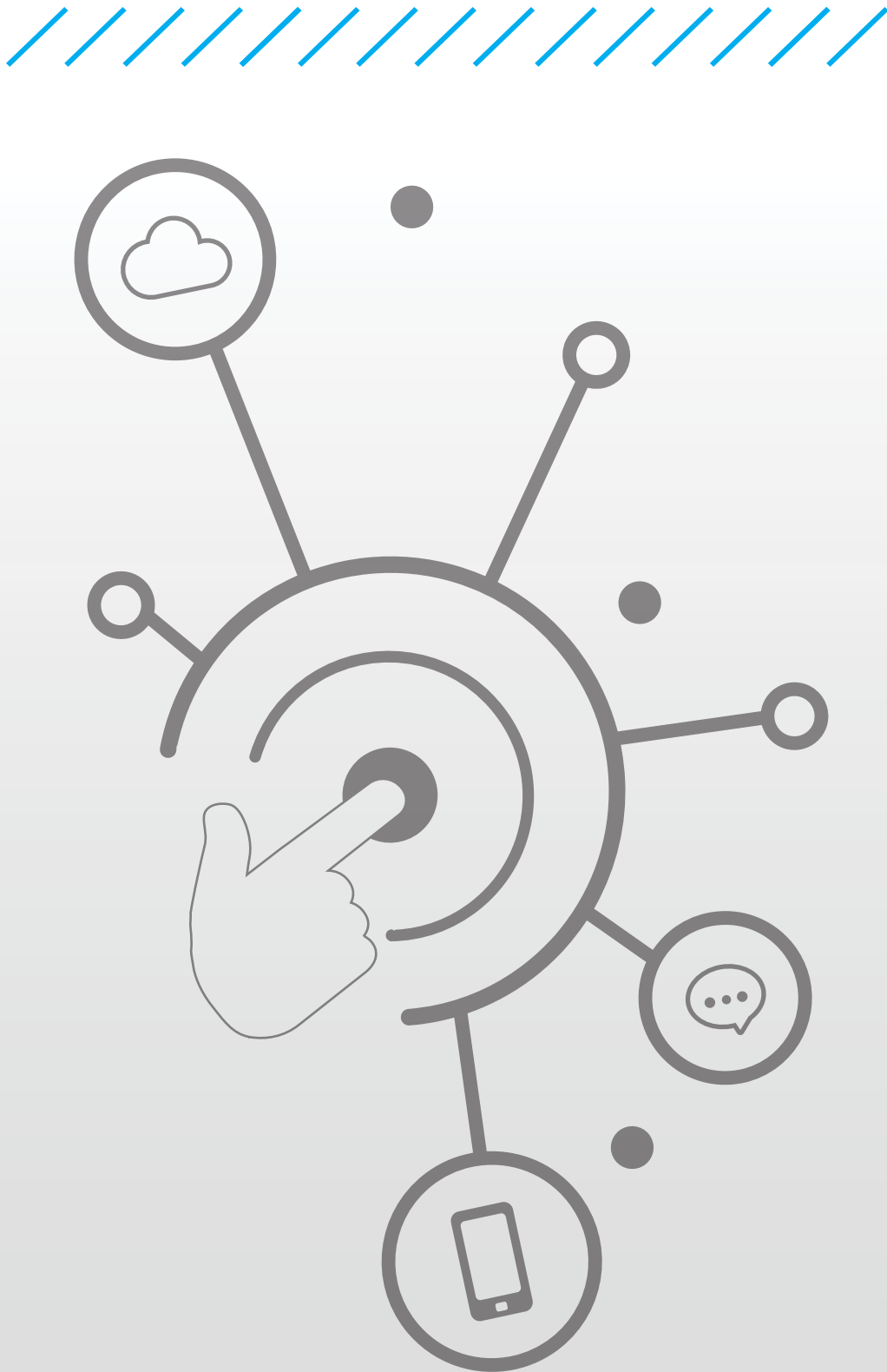
PROGRAMS MANAGED

With local and international partners

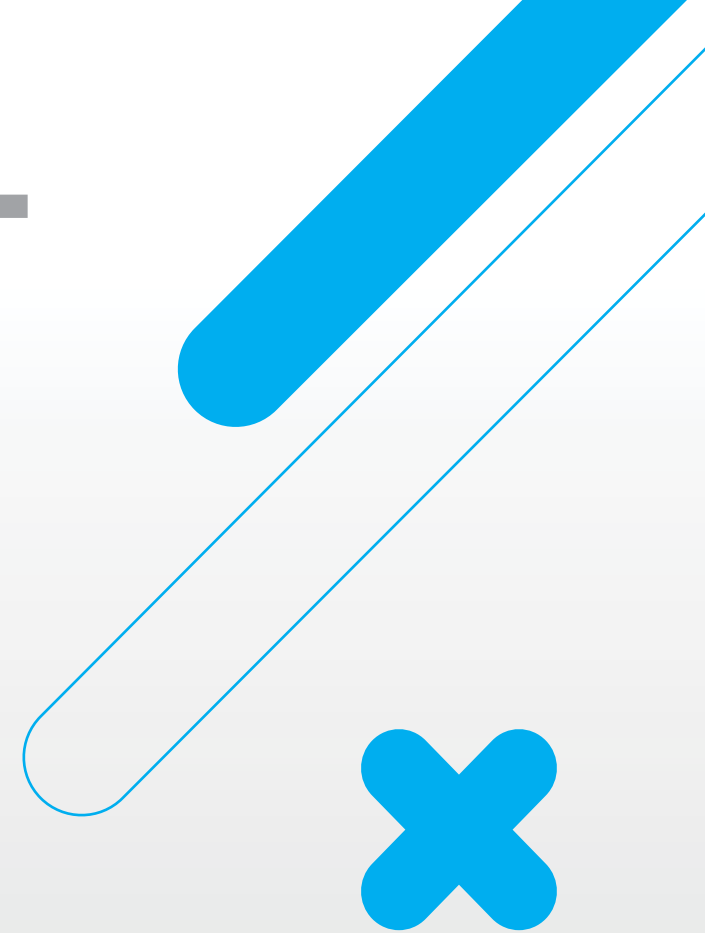
>> Source: 2019 Founder Survey

We conducted a survey reaching out to all the founders that have been supported through Berytech programs managed in 2019, including incubatees from 2018 with active support in 2019 and startups supported in 2019.





PART



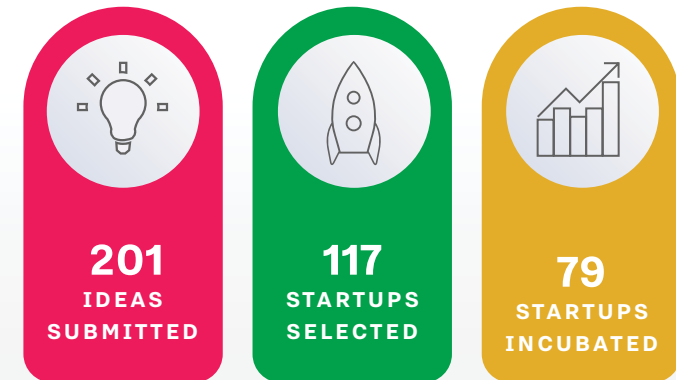
BUSINESS SUPPORT

Berytech aims to catalyze the growth of startups 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.



PROGRAMS PARTICIPANTS IN 2019

WHO PARTICIPATED?



36% Men



64% Women



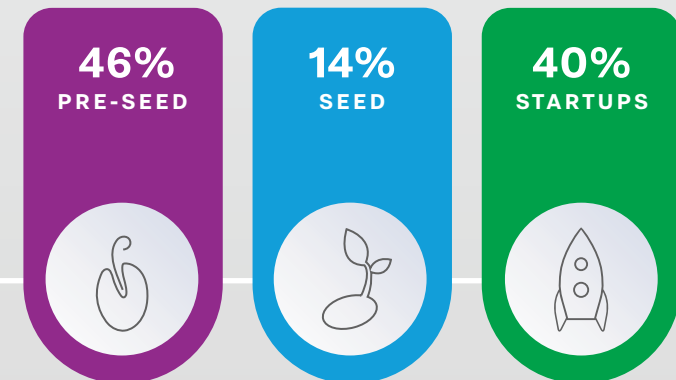
30% <
30 Years
Old



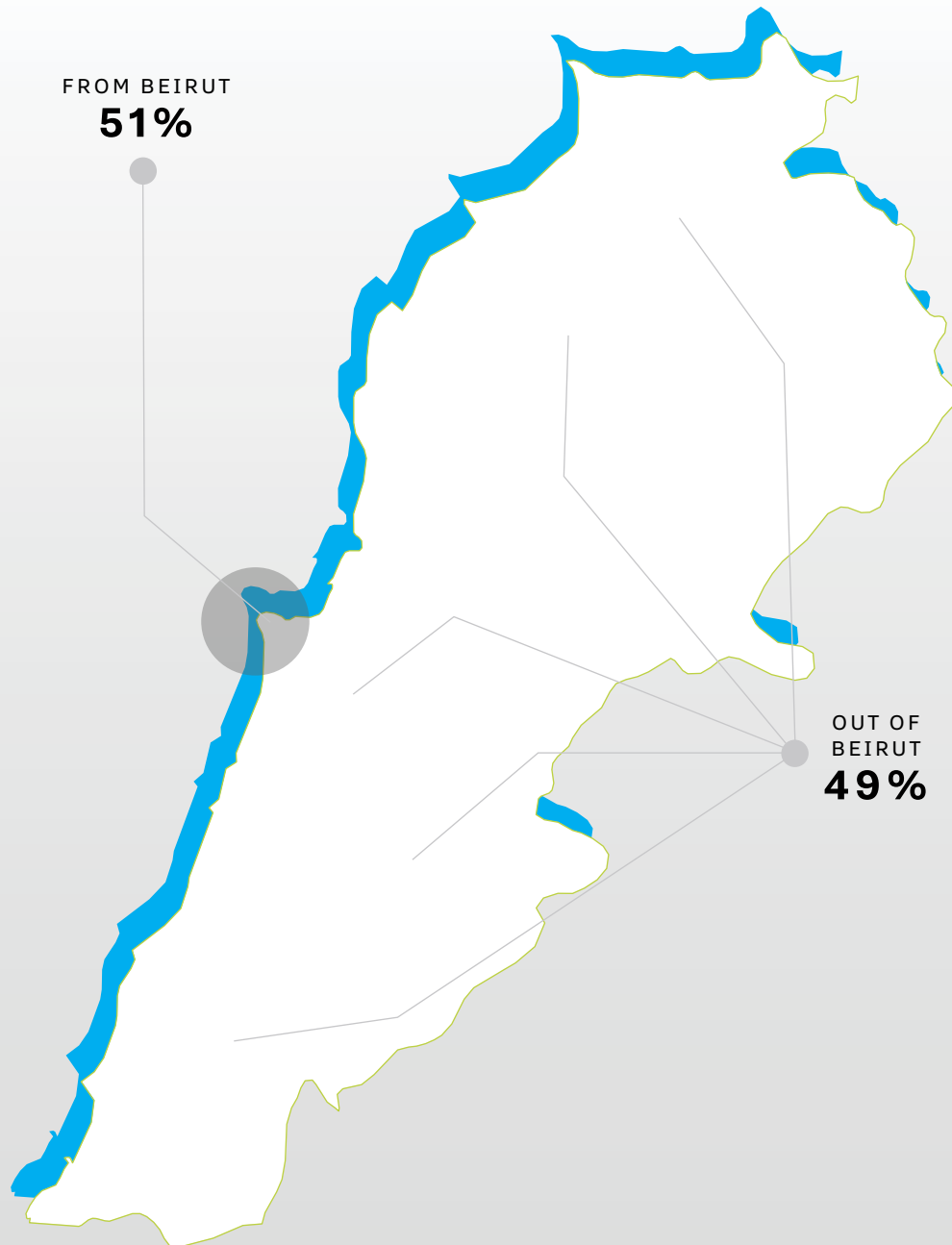
69%
30 - 50
Years Old



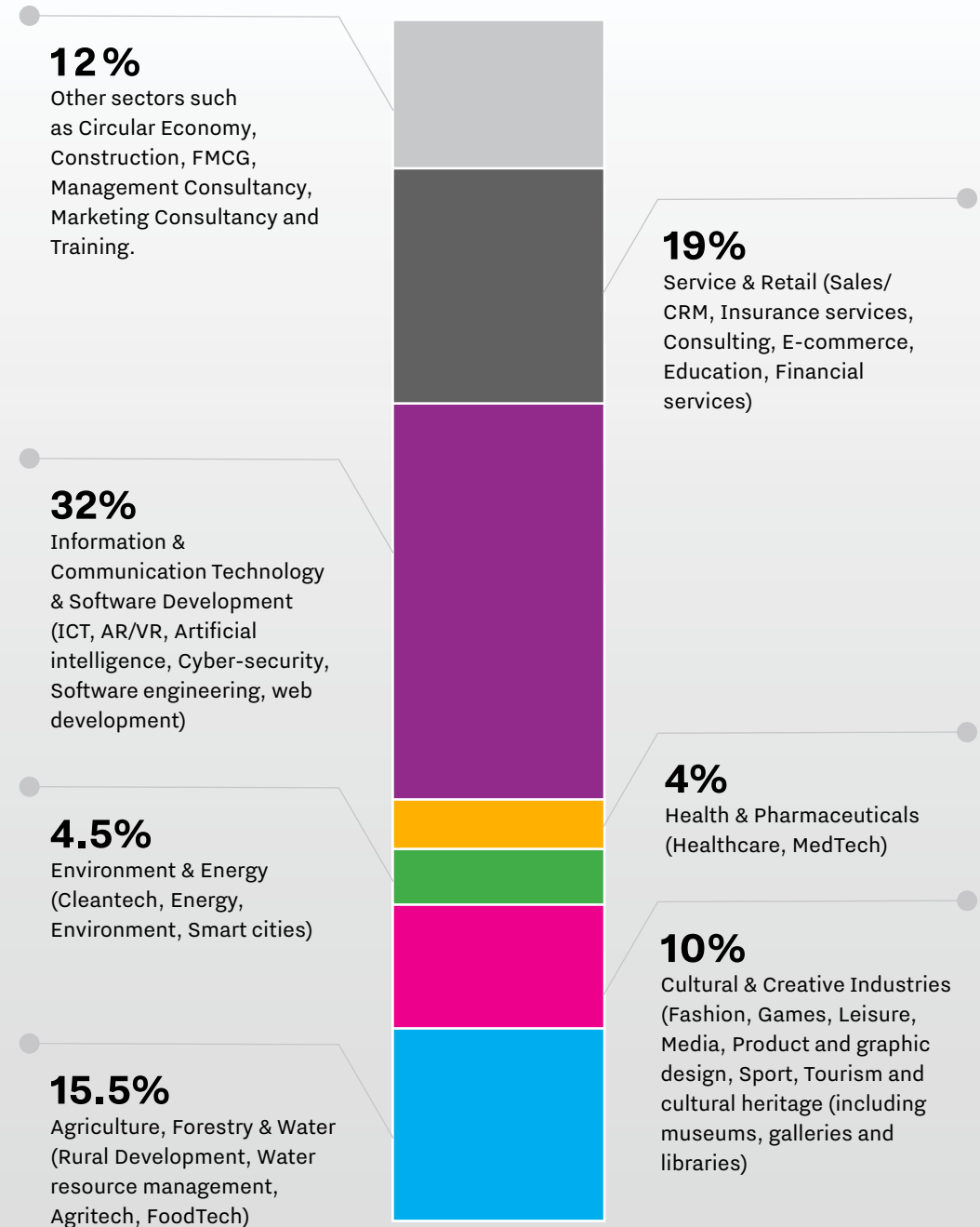
1%
50 Years
Old



GEOGRAPHIC



SECTORS



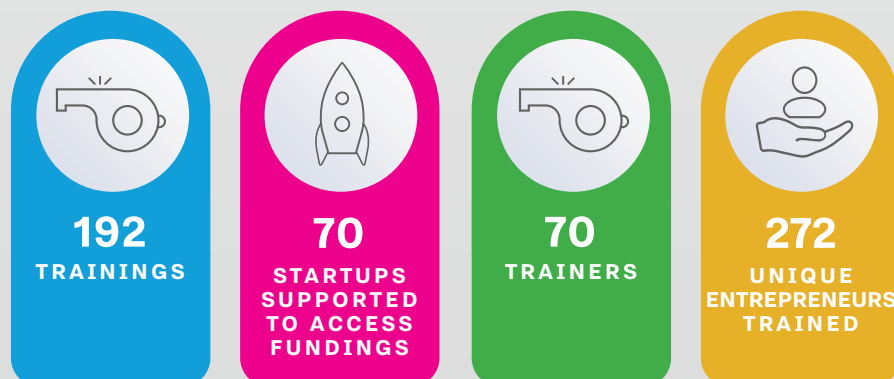
DEVELOPMENT AND CAPACITY BUILDING ACTIVITIES IN 2019

Berytech's Department of Business Support and Development offers customized support tracks to entrepreneurs at the different phases of their journey.

TRAINING AND WORKSHOPS

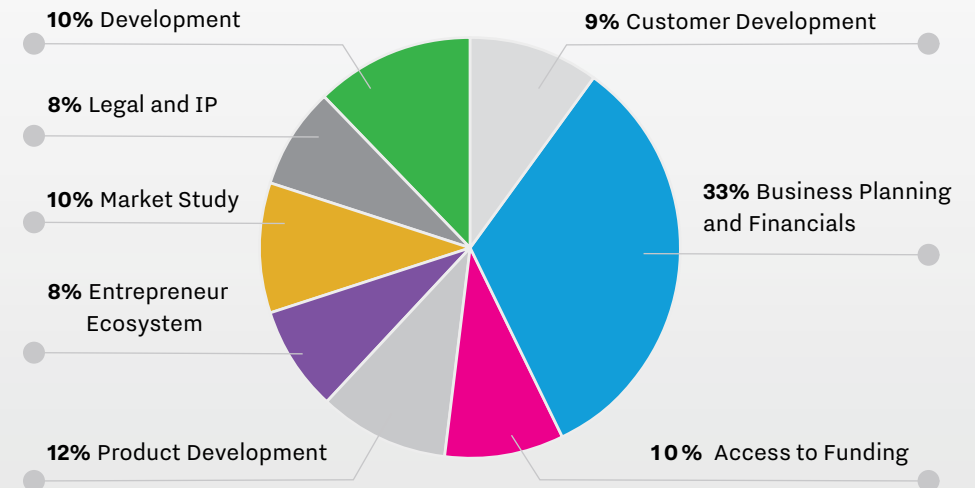
We propose a number of trainings and workshops to help further develop business skills.

NUMBERS IN 2019 >>



TRAININGS IN 2019

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



SURVEY >>

Here is what our trainees had to say in 2019



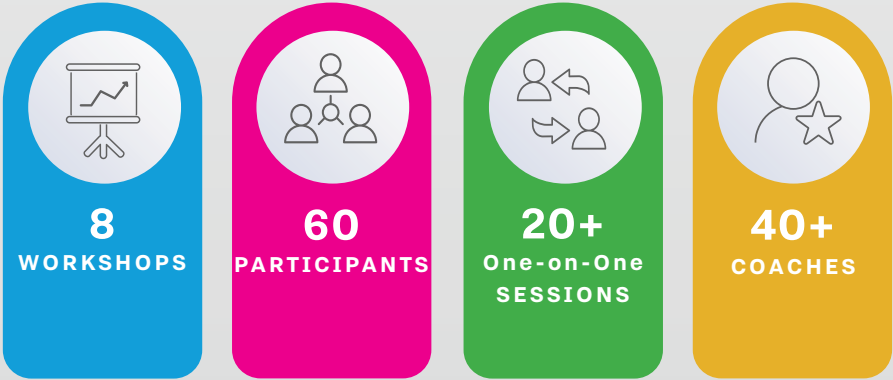


COACHING TRANSFORMATION PROGRAM

The 'Coaching Transformation Program' was launched to reinforce the link between academia and entrepreneurship. An agreement was signed between Saint Joseph University and Berytech.

The program takes place in two phases: The first consists of training sessions given by Berytech to USJ professors, to match them with its portfolio of startups, and the second phase which includes the launch of the Executive Education Program of Coaching by the USJ Faculty of Economics.

The aim of the program is to create a growing community of experienced and competent coaches and advisors within the Lebanese entrepreneurial ecosystem that will assist founders of scalable startups and SMEs to transform their companies and generate a positive social impact while also providing internships opportunities to USJ's students.





#FINANCEFRIDAYS TRAINING PROGRAM

Berytech launched #FinanceFridays, a training program aimed to fill the current gap in the entrepreneurial landscape by equipping startups and SMEs with the needed knowledge and insights in investment, financing, and raising funds, and offering a platform of exchange, interaction, and networking for various players of the ecosystem.

The program consists of a series of training sessions delivered by experts in the field and key stakeholders from leading financial institutions, banks, and government entities, and key players in the entrepreneurship ecosystem.

The subjects tackled include Raising funds for a startup or SME: when and how much, Overview of the various financial instruments and financial mechanisms that could be leveraged under different scenarios, Valuation techniques, Negotiations, and Term sheet building.



This training program primarily falls under Berytech's mission to offer the right ecosystem for innovative entrepreneurs through the two-fold objective of spreading financial literacy in the entrepreneurship ecosystem and giving startups and SMEs the needed support and networking opportunities for them to access financing and raise funds."

JOANNA ABI ABDALLAH, HEAD OF BUSINESS SUPPORT AND DEVELOPMENT

8

SESSION ORGANIZED

226

ATTENDEES

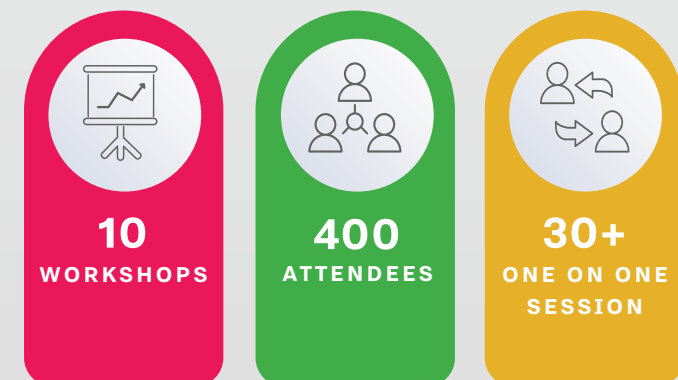
CRISIS

CRISIS MANAGEMENT

In our drive to contribute to the Lebanese entrepreneurial ecosystem and help MSMEs better manage their companies during crisis, Berytech delivered a set of four Crisis Management Workshops in November and December 2019.

These workshops were free and open to all entrepreneurs and MSMEs owners as well as their teams. They were followed by one-on-one coaching sessions with experts to customize the crisis management plan to the specific risk areas facing each company.

- Managing your venture's cash-flows during crisis
- Developing your crisis and risk management plan
- Aligning your people and your customers during crisis
- Effective communication and governance during crisis





Berytech partnered with cewas Middle East, to help in developing the investment readiness of selected Sustainable Sanitation and Water Management (SSWM) businesses to help them scale and create sustainable value in a challenging environment.

CEWAS Middle East is a branch of the Swiss NGO CEWAS and the region's only dedicated startup program focused on addressing water, environment and sanitation-related challenges. They provide specialized startup incubation programs to create more sustainable and innovative solutions in water, sanitation and resource management.

Over several months, the Berytech team conducted several workshops on financial/investment management adapted to SSWM businesses in Lebanon to better understand their funding needs and other related challenges/pain points.

One-on-one coaching sessions were conducted with selected CEWAS SSWM businesses to address their challenges, explain the funding options available and help them in setting the right business and financial foundations prior to meeting with potential investors.

Berytech also helped develop a due diligence tool for better screening of SSWM businesses as well as proposed an innovative financing solution for SSWM businesses addressing the challenge for small cap financing in the region.

The 12 SSWM businesses who benefitted from the Berytech-cewas Investment readiness program included: Live, Love and Recycle (Georges Bitar), Cubeco (Marwan Sfeir), Waste to Power (Hilal El Merhubi), L'Inventif (Pauline Asmar), Clean2O (Mohamad Fakhredine), Too Good To Waste (Philippe Rahbe), Khan Hygiene Box (Mounira El Halabi, Farah Khaled), LAMP (Mustafa Al Ajami), OrganyClean (Mohammad Mikati, Abed Serhan), Pro-Shield (Haytham Dbouk, Fawzi Khalifeh), Automatic Channel Cleaner (Ali Saad, Hasan Sabra), and Mukafeh Al Zebar (Aliaa Al Dirani, Kasseem Ghayyad).



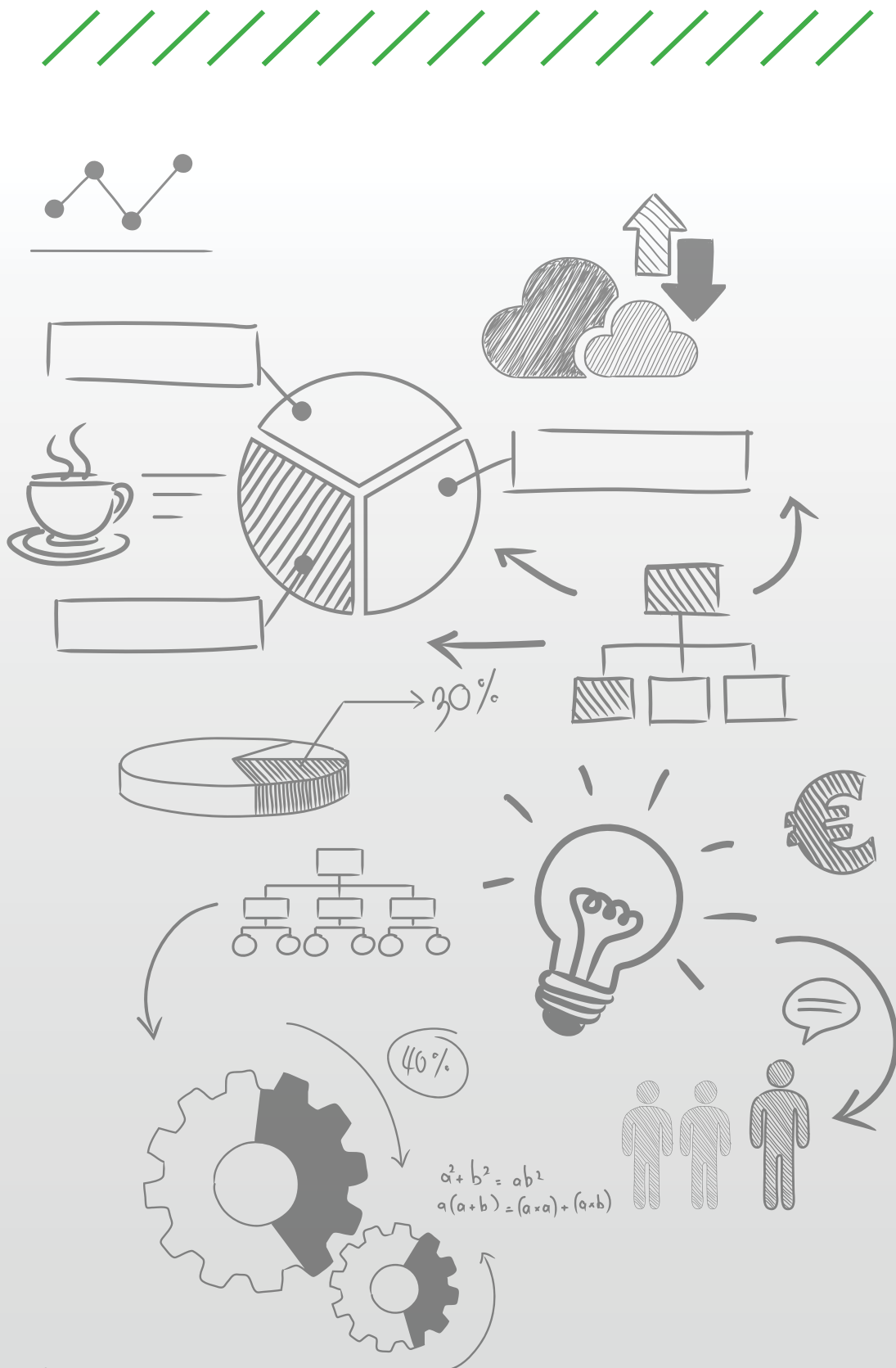
SME BUSINESS ADVISORY SERVICES

Berytech signed several agreements under its Business Advisory Program - consisting of providing startups and small and medium enterprises (SMEs) with business advisory services in connection with growth and funding.

Indeed, Business Advisory Agreements were signed with the Women's Program Association and Optique & Vision to conduct financial due diligence and investment readiness services.

The Berytech team developed and presented due diligence reports, investment memorandums and company valuation reports.





PART



OUR INDUSTRY VERTICALS & PROGRAMS

Under the broad umbrella of fueling and supporting entrepreneurship, Berytech's main activities and programs fall under several industry verticals: Food and Agriculture, Information Communication Technology, Clean Technology, Social Entrepreneurship, Technology Transfer, SME Development, and Women Empowerment.

AGRICULTURE AND FOOD

Advances in technology are key to the future of food and agriculture, given the global challenges presented and the need for innovation to address them.



The Agrytech Accelerator program is open to anyone who has an innovative startup at an idea or early stage that uses engineering or technology to solve a challenge in the food and agriculture sectors.

DONOR >> Kingdom of the Netherlands

PROGRAM GOALS

- Source the top startups with disruptive innovations in the Agri-Food sector
- Provide them with the adequate technical and business resources as well as community support, and
- Scale their ideas into successful businesses with global impact.

MILESTONES 2017-2019



2

BATCHES



200+

APPLICANTS



51

STARTUPS
ADMITTED



16

STARTUPS
GRADUATED



28%

WOMEN
CO-FOUNDERS



906+

HOURS OF COACHING
& TRAINING



15

COMPETITIONS
ORGANIZED



\$328K+

IN AWARDS FROM
COMPETITIONS



\$724K+

IN GRANTS
FROM AGRYTECH
ACCELERATOR



77

JOBS CREATED
BY THE STARTUPS



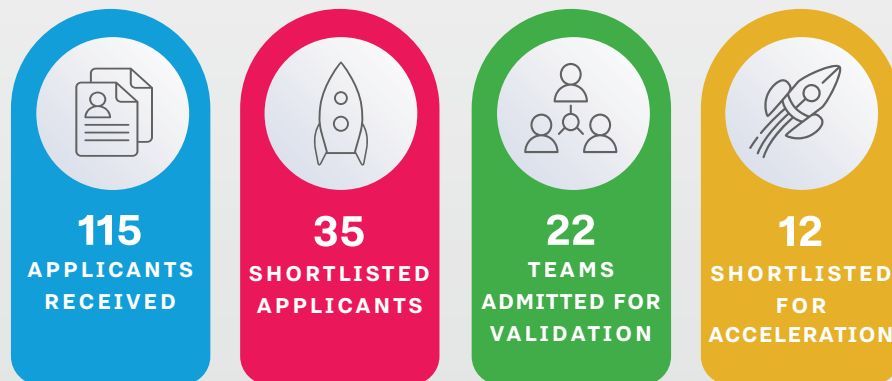
AGRYTECH 2019-2021

Through the Accelerator Program and with the co-funding from the Kingdom of The Netherlands, Berytech's mission is to nurture and grow disruptive ideas in the agri-food sector, assist the innovators in designing their proof of concepts and accordingly build their prototypes into viable investment-ready businesses.



	VALIDATION PHASE	ACCELERATION PHASE	INCUBATION PHASE
	Up to 24 shortlisted applicants	Up to 12 shortlisted teams	Up to 8 teams
	US\$2,000 grant	US\$15K in grants	US\$20K in grants
	2 months	4 months	6 months
	define objectives and validate assumptions	build a minimum viable product (MVP) and get traction	focus on fundraising and building client and investor relationships

BATCH III 3-PHASE PROGRAM



HIGHLIGHTS 2019



The 22 teams were admitted to the first phase of the program focusing on market validation. Equipped with a grant of US\$2,000, the teams went through an intensive 5-day bootcamp followed by a 2-month cycle of support during which they validated their ideas, created and branded their image and website, and worked on building the foundations of their business.

The teams then attended several events including an 'avant-premiere' or preview in December. During the event, the teams were able to practice their pitches, receive feedback and validate once more their provided solutions. A number of professionals and experts were invited and given US\$1 million in simulated investment money. They visited with the 22 teams, discovered their ideas and invested in the solutions that are most attractive to them. Startups who raised the most funds won the game.

At the end of the validation phase, 12 teams were shortlisted in December to join phase two of the program. The startups will use this 4-month phase to build their minimum viable product (MVP) and get traction with the US\$15,000 support grant. At the end of phase two, the participants should have a functioning MVP with enough traction in order to be selected for phase three in 2020.

By the end of May 2020, 8 startups will be chosen to go through the third and final phase of the program. This incubation and growth phase is scheduled over 5 months, with US\$20,000 awarded in matching capital to the teams, who will start preparations for their scaleup. This phase is crucial in helping the participants receive investment from venture capitals or angel investors.





**MUSHTIC: BIODEGRADABLE PACKAGING STARTUP
WINS LOCAL HULT PRIZE SEMIFINALS**

The Mushtic team from the Holy Spirit University of Kaslik won the 2019 Hult Prize Lebanon semifinals, earning them a spot at the Hult Prize Global Accelerator program in London. The result keeps them in the running for the first prize of US\$1 million in seed capital. Mushtic is a bio-based material solution that replaces highly polluting petroleum-based materials such as Styrofoam while offering the same shock absorbance and insulating properties.



**TOUCH PARTNERS WITH IOTREE FIRST NB-IOT
APPLICATION IN LEBANON**

IoTTree is a smart wireless network of smart traps that are developed using a deep learning algorithm and machine vision designed for the early detection, classification, and counting of different types of harmful pests. Farmers can benefit from the IoTTree app by receiving real-time reports and updates on the best agricultural practices to deal with pest invasions.

IoTTree will be the first organization in Lebanon to deploy Narrowband IoT (NB-IoT), in partnership with touch. In its first trial project, IoTTree will connect twenty smart traps to base stations located in Der Tamich (Awkar) and Rabweh utilizing NB-IoT technology.

“Today, connectivity and technological innovation play a pivotal role in developing the agriculture industry. touch’s is providing leading edge connectivity to IoTTree’s sensors delivering reliability, scale, and very long battery life using the powerful 3GPP NB-IoT standard. We are very proud of this relevant IoT use case debut”.

NADIM KHATER, CHIEF COMMERCIAL OFFICER AT TOUCH



STARTCHY: ONE SMALL STEP FOR FRUIT, ONE GIANT LEAP FOR SHELF-LIFE

Biologist Richardos Lebbos and his co-founders, pharmacologist Kayssar Eid and agricultural engineer Tony Barcha have created a liquid that could turn starch into an invisible layer that is transparent on fruits, and that would consequently act as a barrier to oxygen and bacteria, and hence a barrier to the oxidation of fruits.

During the 12 months enrolled in the Agrytech Program, Startchy passed all three phases from the bootcamp to validate their innovation, to acceleration where they continued to work on their product and get traction with support grants and finally to be incubated for 6 months and benefit from matching grants and softlanding in both Europe and the US. They received a total funding of US\$47,300 through the Agrytech Accelerator program.

With the support of Berytech, Startchy was registered in the US, which allowed the team to test their product with a major apple producer in the US. The Startchy team is now finalizing the industrialization of their product, and they're working on getting the certification to enter different markets, beginning with the US market. The trio are also running pilot trials with big suppliers and customers in the hopes to hit the market in the beginning of 2020. They are also planning on raising A Series funding next year.

“Berytech has been a source of financial and business mentorship support to us from the beginning, boosting our knowledge in the startup world, helping us to validate our market and connecting us with a network of professionals, investors and customers.”

RICHARDOS LEBBOS, CO-FOUNDER OF STARTCHY



SELIM YASMINE: SHARING THE PASSION OF 60 LEBANESE WINERIES

Selim Yasmine introduces himself as a marketer with a passion for wine, and for good reason. After a long career in marketing, Salim's passion led him to develop 209 Lebanese Wine– an online platform that showcases, sells and delivers Lebanese wine to Lebanon and the world.

209Lebanesewine.com is an e-shop that carries wines from 60 wineries from all over Lebanon. Shoppers are encouraged to discover new wines, get educated on food pairing and shop based on their preference and budget.

While most of the shoppers are Lebanese, 209 has delivered orders as far as Korea. The website has a turnover of an average of 15000 bottles a year, with sales doubling every year.

“The Agrytech program was a source of knowledge for me thanks to the trainings, and contacts and many opportunities, in addition to the funding we received.”

SELIM YASMINE, CO-FOUNDER OF 209LEBANESEWINE



BESTMEDGRAPE

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

KEY INFORMATION

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

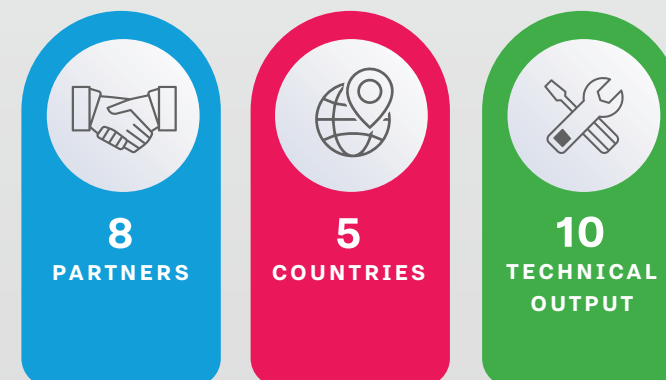
- Italy • France • Tunisia
- Lebanon • Jordan

FINANCIAL DATA

€ 3.3 million total budget
€ 2.6 million EU contribution
20% Project co-financing

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



PARTNERS FROM LEBANON

Saint Joseph University of Beirut
Berytech Foundation

ASSOCIATES FROM LEBANON

Chateau Ksara SAL
Chateau Kefraya
Chateau St. Thomas

PROJECT DURATION

September 2019 –
September 2022



QOOT, which means food and sustenance in Arabic, is the first agri-food innovation cluster in Lebanon. It was officially launched at the Lebanon Agri-Food Innovation Day 2019 organized by Berytech – with the support of the Kingdom of the Netherlands and under the patronage of H.E. former Prime Minister Saad Hariri.

VISION & MISSION

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.

IMMEDIATE GOALS

Among the cluster's immediate goals is to establish closer relations between small, medium and large enterprises in order to provide added value to the overall market. Members will have the opportunity to exchange accumulated experience and to access valuable knowledge and business opportunities locally and internationally.

QOOT will ultimately 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, while also attracting foreign investments.



QOOT is presented as a factor to drive the growth of the sector through innovation, competitiveness, and support networks, to help protect and increase employment, improve efficiencies and linkages, and foster development.”

NADINE KHOURY – QOOT PRESIDENT AND COO OF ROBINSON AGRI

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.



Showcasing on this platform is an opportunity for our cluster members to increase their visibilities and to attract both European and international stakeholders, partners, and investors.”

JIHANE CHAHLA – QOOT CLUSTER MANAGER AT BERYTECH



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.

“Future Agro Challenge is a global network that seeks forward-thinking farmers and agro-innovators from around the world creating glocal solutions. Glocal as in local solutions with global opportunities.”

CARLA TANAS, FOUNDER OF FUTURE AGRO CHALLENGE



In Lebanon, Lebanese agri-food startups compete in the local competition to win the title of “Lebanese Agripreneur of The Year” along other valuable cash and business support prizes.

The winner of the local competition makes it to the international finals to represent Lebanon at the Global Agripreneurs Summit and compete with the most promising agri-food startups from across the world for the title of “Agripreneur of the Year”.

The competition is co-funded by the Kingdom of The Netherlands and Berytech in Lebanon and is organized under the Agrytech Accelerator Program.

Carla Tanas founder of the Future Agro Challenge joined the Berytech team and competition jury to announce the two winners of this year’s local edition: Compost Baladi – Lebanon Agripreneur of the Year 2019, and Clean20, first runner up.

Compost Baladi is a pioneering Lebanese company in the production of home-scale biowaste recycling devices.

Clean20 is a portable device that can kill bacteria and remove dirt and chemical toxins in an easy way, making it affordable.



Berytech is proud to announce that its deputy GM Ramy Boujawdeh received the Impact Maker of the Year Award 2019 on behalf of Lebanon during the fourth Global Agripreneurs Summit, which took place on September 7-11 in Greece.

The award is the first of its kind and is given to the country that works hard in promoting agripreneurship and building an ecosystem that centers on agricultural innovations. Ramy and his team had served their country well when they came up with the idea for the Agrytech program, which included an accelerator for agri-food innovations. They managed to secure funding from the Embassy of the Kingdom of The Netherlands for two consecutive years.

Led by the belief in the potential of innovation in agriculture combined with Berytech's expertise in entrepreneurship, Ramy and his team started the agri-food revolution in Lebanon and are now true spokespeople.

CLEAN TECHNOLOGY

The increasing demand for clean technologies and the rise in the commercialization of the industry could make way for a new age in cleantech. The need for more sustainable technologies that help sustain and nurture our planet is more important than ever.

Under the Clean Technology industry vertical, Berytech has been working with local and international organizations to generate and encourage innovation and research in the fields of water, energy and food using the NEXUS approach, and support entrepreneurs by collaborating with different industry players and by offering prizes at each stage of their startup's development.

THE LEBANESE CLEAN TECHNOLOGY LANDSCAPE

In a country burdened with challenges that cover the entire cleantech spectrum, innovative entrepreneurs are presented with a surplus of opportunities, topped with scaling potential to the MENA region whose economic growth, rising population and increased urbanization are powering the demand for clean technologies.

Lebanese startups have access to one of the most competitive highly skilled labor forces in the region, a flourishing scientific community and a supportive startup ecosystem. Startups in the cleantech sector have started to bud in the local ecosystem from car-sharing solutions to drone solutions, to cleantech solutions using AI and IoT to bio-chemical innovations in managing waste.

Lebanese startups have already embarked on the cleantech journey while scientists and innovators are slowly moving their innovations outside the lab into the commercial market. The local ecosystem is catching up with specialized programs to support the cleantech sector.

The increasing demand for clean technologies and the rise in the commercialization of the industry could make way for a new age in cleantech. The need for more sustainable technologies that help sustain and nurture our planet is more important than ever.

CATALYZING CLEANTECH INNOVATIONS

Berytech is planning on catalyzing cleantech innovations through a yearly three-phase program that allows cleantech entrepreneurs grow their startup from an idea into a scalable business.

With the support of The Kingdom of The Netherlands, Berytech is currently designing and developing its accelerator program to make sure Lebanon has the most competitive companies innovating in clean technology. The launch of the new program is planned for beginning 2020.



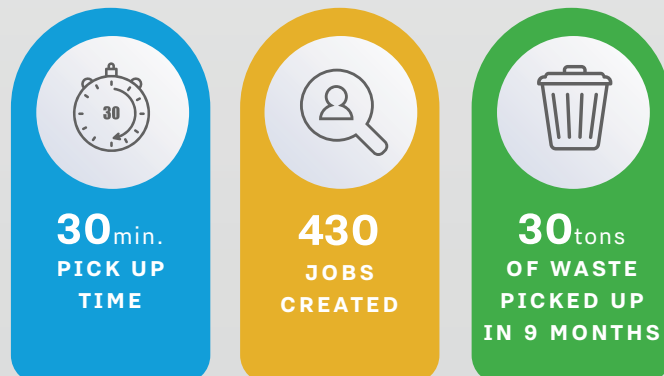
INNOVATION IN WASTE MANAGEMENT

Uncontrolled dumping of waste all over the country has caused water and soil contamination, numerous health and environmental problems and increased GHG emissions. There is money to be made from this waste with opportunities in source reduction and recycling, disposal capacity and second material market, waste management, and transportation, using the energy content of waste, etc. Meet Live Love Recycle, the startup combines digital technology with social and environmental impact.



Following an international call for applications for the Zero Plastic Waste in the Mediterranean in 2030 challenge, more than 60 proposals from 11 countries were received and 15 projects successfully passed the first selection stage and in a bootcamp held on 23 and 24 April 2019 in Marseille and at the camp. Team members from Live Love Recycle and Mushtic were among the 15 projects selected for the bootcamp. Live Love Recycle received the Special Jury Prize.

Live Love Recycle is a free service based on a mobile application where residents in Beirut are able to order up to two requests per month for their recyclables at no cost. A driver on an e-bike will be at the designated location in less than 30 minutes after the request is made to collect the bags and drop them back to the warehouse. Live Love Recycle is now relying on the support of the Region and its ecosystem to establish itself in France by adapting its App and operating model to local institutional, economic and social conditions.



INNOVATION IN TRANSPORTATION

Worldwide, innovation in transportation is making headlines. The general trend is towards green mobility – aimed at reducing a country's carbon footsteps.

Transportation in Lebanon overwhelmingly relies on private cars. A 2016 study by the IPT Energy Center and UNDP claims that 230,000 passenger cars enter Beirut from the north highway on a daily basis and 85,000 do so from the southern highway. As such, the study says, a proportionately higher percentage of emissions are released into the atmosphere per vehicle-kilometer or vehicle-hour of congestion in Lebanon than in more developed countries. The environmental implications of this fact are serious given that Beirut has little greenery to absorb all the CO2 being released into the air.

Efficient and fast ground mobility is clearly a huge problem in Lebanon and while the Ministry of Public Works and Transport says it plans to tackle the issue, nothing has been done yet. So, instead of waiting, some of Lebanon's entrepreneurs have set their sights on innovation in transportation: meet YallaBus, a team working towards making daily commutes less of a nightmare for the average citizen.





Therese Kayrouz – founder of YallaBus, and her team, Yara Nassar, Ghassan Zughaib and Georges Geha, were able to map the entire bus business in Beirut, turn it into an app that assists users in finding and taking a bus, and win 4 startup competitions in the process.

There are approximately 500 bus owners in Lebanon operating a total estimation of 4,000 buses, 40 of which only belong to the Lebanese government. Public bus drivers struggle because of low salaries and a lack of resources. Public buses pass every hour, while private buses pass every 5 minutes making them more convenient for passengers and furthering the gap between the passengers and public transportation.

YallaBus provides its users with an accurate and complete map for all operating buses in Beirut. The app will allow users to track buses in real time and give them directions on which bus to take, where and when to wait for it.

In the last 2 years, YallaBus has participated in 4 competitions: Reimagine Lebanon, Femme Francophone Entrepreneur with Berytech, Souk LB and the Total Startupper Challenge, winning a total of US\$60,000 and getting incubated at Berytech. In the meantime, Therese has become a reference for bus routes in Lebanon, contacted by strangers every day for bus-taking advice.



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

DURATION

September 2019 – August 2022

TOTAL BUDGET

2.633.106,29€

EU CONTRIBUTION

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

Berytech is the official partner of the GIMED program in Lebanon empowering green entrepreneurs at the idea and growth stage in addition to green experts through:

- Access to unique learning methodologies and tailored business development tools
- Capacity building workshops for eco-innovators on access to markets and access to finance
- Sub-grants to ideation stage eco-innovators and established early stage ventures to consolidate green business creation and green business development
- Intensive train of trainer coaching for experts
- Mobilize financiers to invest in the Mediterranean eco-innovation
- Organize national and cross-border learning and B2B deals
- Exchange events to ensure exchange of knowledge and access to market opportunities across the Mediterranean
- Provide policy recommendations to support sector's growth and entrepreneurs' Intellectual property

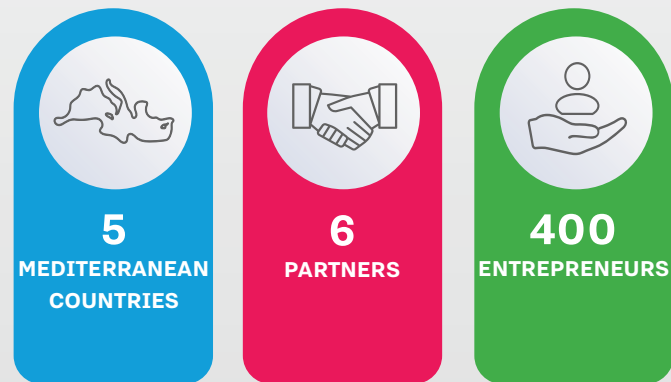
GOAL

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:



INFORMATION AND COMMUNICATIONS TECHNOLOGY

In an increasingly digitized world, Information and Communications Technology (ICT) has become the vital enabler of transformation for business, academia and government. Berytech recognizes the importance of building a foundation for innovation that empowers young innovators to develop startup solutions that address economic and development challenges. All our programs and activities fall under this umbrella, with one initiative specific to boosting networking: 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.

PROGRAM DONOR

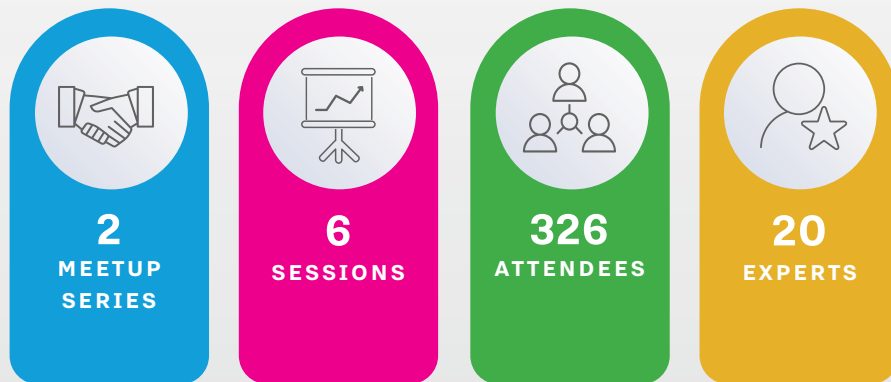
Department of State, USA through VentureWell, who is supporting delivery of the U.S. Department of State's GIST initiative.

PROGRAM GOALS

- Building a network of entrepreneurs in Lebanon focusing on science and technology;
- Catalyzing networking and entrepreneurial skills to build durable, long-term, supportive networks; and
- Providing resources that entrepreneurs in Lebanon can use to adapt to their unique sets of social, political and economic circumstances through talks, networking, skills building, mentoring, support, and idea sharing.

BERYTECH MEETUPS POWERED BY GIST

Berytech organized several community meetups around interesting subjects in science and technology and hosted three guest speakers to share their knowledge and expertise with a passionate audience. The topics included Artificial Intelligence and FinTech.



ARTIFICIAL INTELLIGENCE: BERYTECH MEETUPS SERIES

The first 3 meetups of 2019 focused on Artificial Intelligence and the series was organized in collaboration with Beirut AI. The first meetup was on Natural Language Processing, followed by a session on Machine Learning and finally a session on Artificial Intelligence in Business.

FINTECH: BERYTECH MEETUPS SERIES POWERED BY GIST

After 3 editions of the Berytech Meetups Artificial Intelligence series, Berytech dived into another 3 editions focusing this time on Fintech, concentrating on Blockchain, Emerging Payment Solutions and Cybersecurity.

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. Our model has proven successful thanks to our rigorous corporate governance standards aligned with international ones.

Under this vertical, Berytech works on the Lebanon Enterprise Development Program funded by USAID (see below), as well as champions the QOOT Agri-Food Innovation Cluster, co-funded by the Kingdom of The Netherlands (see Agriculture & Food Section above).



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: October 2017 – September 2020

PROJECT BUDGET

US\$24.3 million over 5 years

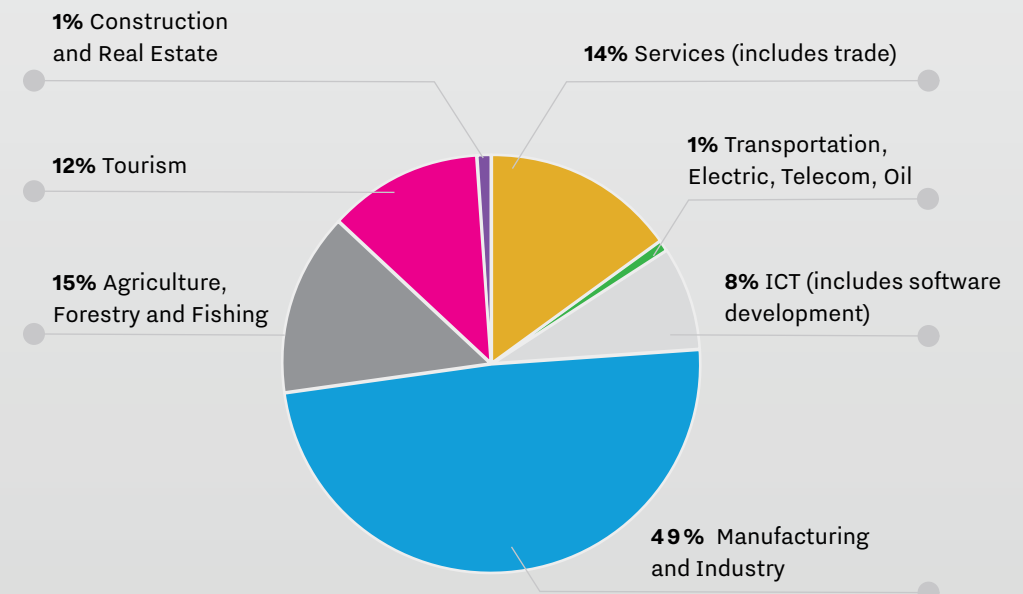
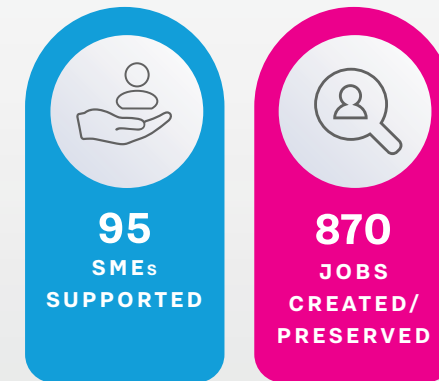
PROJECT PARTNERS

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.



"Our shared objectives with USAID through the LED Project include, above all, preventing brain drain from Lebanon by supporting job creation."

MAROUN N. CHAMMAS, CHAIRMAN AND CEO OF BERYTECH



SOCIAL ENTREPRENEURSHIP

As the popularity of social startups surges, attracting both talent and funding, Berytech has been intently working on supporting social entrepreneurs, as part of its mission to support entrepreneurship in general and by creating a dedicated support track for social entrepreneurs in particular.



A program by Berytech

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.



Entrepreneurs identify a need, then find a market-driven way to fulfill that need. That's business. A social entrepreneur takes this, not one step further, but two steps further: he or she simultaneously seeks both a profit and a positive social impact, then finds a way to carry out the work in an environmentally sustainable way. That's essentially a 'triple-bottom-line'."

ELAINE JONES, MEPI COORDINATOR

PROGRAM DONOR

U.S.-Middle East Partnership Initiative (MEPI)

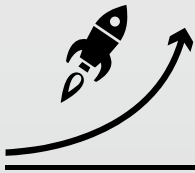
PROGRAM GOALS

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

PROGRAM IN NUMBERS

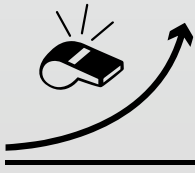


PROGRAM TRACKS



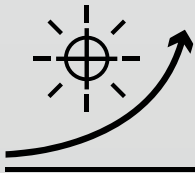
STARTUPS TRACK

Berytech is supporting startups in a complete and inclusive cycle, addressing all their needs, over the period of 2 years, ensuring their growth and ability to sustain themselves and operate on their own.



COACHES TRACK

Berytech is building the capacities of coaches to ensure the successful transfer of expertise and tools in support of the startups at their scale up phase.



MENTORS TRACK

Berytech is training the mentors on best practices and techniques for effective mentorship through Confideo VM, to help entrepreneurs market their ideas and innovations.

BENEFITS



CUSTOMIZED BUSINESS SUPPORT



PROMOTION, NETWORKING & ACCESS TO MARKETS



VOUCHERS & WORKSPACE



ACCESS TO BERYTECH'S ECOSYSTEM



PARTNERS SUPPORT



PROGRAM PARTNERS

Berytech has made sure to involve active partners from its network, social ventures, organizations, funds and institutions as part of the program. These partners bring their knowledge, experts, networks and support in different fields to multiply the impact of the program through reinforcing the work of the startups in it.

Meet the Impact Rise Program partners >>



LIVE LOVE



GLOBAL SOCIAL VENTURE COMPETITION

For the 7th year in a row, Berytech partnered with the Global Social Venture Competition (GSVC), an international competition aiming to inspire and empower entrepreneurs to develop innovative solutions to pressing social and environmental challenges. Every year, extremely innovative Lebanese startups compete in the local edition and the winner – in this case, 2 startups – makes it to the international finals, representing Lebanon among hundreds of startups from more than 60 countries.

Celebrating 20 years of impact in 2019, GSVC was founded by MBA students at UC Berkeley's Haas School of Business in 1999 and has evolved into a global network of premier business schools, universities, and programs around the world. Since its founding, GSVC has helped more than 6,500 teams from 65+ countries across the globe and distributed more than US\$1M in prize money.

Two startups, IoTree – a solar-powered smart device, and B.O.T. – an impact sourcing platform, won the GSVC regional competition allowing them to compete in the global finals which happened in April 2019.





TECHNOLOGY TRANSFER



IoTREE

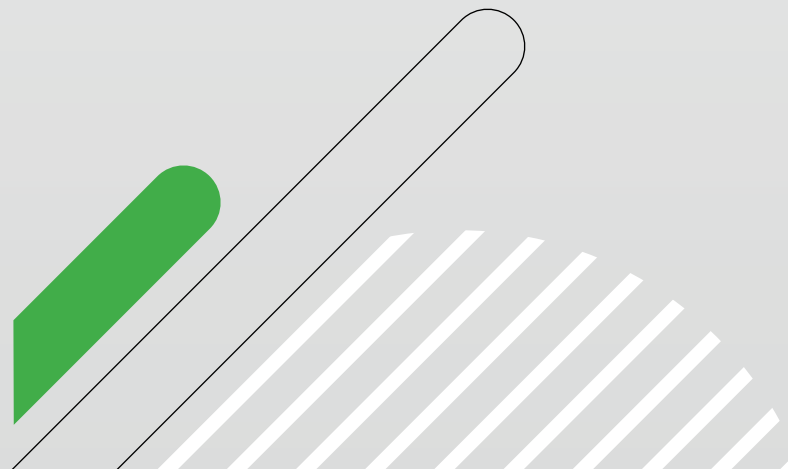
A wireless, autonomous, solar-powered smart device based on AI technology. The IoTREE device is connected to the IoTREE server. The IoTREE server will be sending reports/notification via a mobile application providing the users with all needed info on when and where he should intervene and advice on which prevention to use.



B.O.T

An impact sourcing platform provides digital freelance income generation opportunities for skilled and unemployed youth and women from vulnerable communities. By offering organizations high-quality digital services, the platform leverages the skills of digitally trained youth to create a solution for the private and public sectors.

Berytech has been leading on setting a national innovation strategy for Lebanon since 2017, as there is a need to develop the technology transfer landscape in Lebanon and encourage the development of researches that address market needs turning them into commercial startups, or better, connecting them with industrialists.





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.

PROGRAM DONOR

European Union DG Near Fund

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.

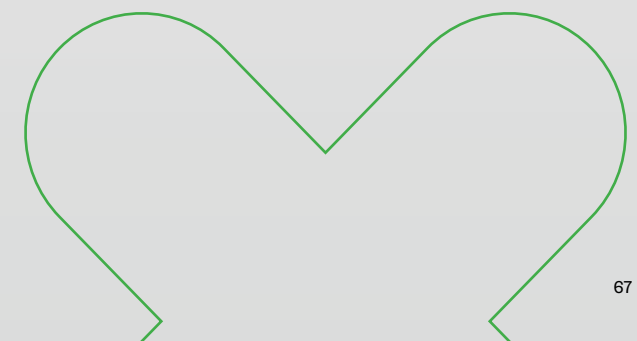


The main objective of the first advocacy panel, held in November 2017, was to benchmark innovation in Lebanon with other Mediterranean countries. Technology transfer was identified as one of the main issues to be tackled to reinforce the Lebanese innovation ecosystem.

The second advocacy panel was held in September 2018 to discuss the progress that had been achieved by Lebanon, and to identify the most promising sectors when it comes to innovation and competitiveness that should be addressed first by THE NEXT SOCIETY action plan.

The panel participants decided to address the need for enhanced technology transfer support mechanisms through a 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. The full report will be shared publicly in 2020.



InnovationFactory

On a country level, improving the process of technology transfer in Lebanon will foster innovation in tackling economic, environmental and social challenges, creating job opportunities and empowering both academics and young entrepreneurs towards creative problem-solving.

In this context, and part of its mission to reinforce innovation and economic development in the MENA region, THE NEXT SOCIETY is focusing on accelerating technology transfer through their Research to Innovation Labs. These are national and regional challenges which call innovators and researchers in the water, food, and energy fields to Showcase their Technologies and get the chance to accelerate their visibility and market entry.

In Lebanon, Berytech – the exclusive partner of THE NEXT SOCIETY, has set up ‘Innovation Factory’ a six-month acceleration program to help Lebanese innovators turn their research into viable businesses.

The program consists of a 3-day bootcamp, a 3-month acceleration phase, a demo day, and a 3-month incubation phase with potential grant prizes for 2 winning teams. It is funded by the European Union under THE NEXT SOCIETY initiative and organized in Lebanon by Berytech and Anima.

The acceleration program is open to researchers, postgraduates, innovators, engineers and technicians who want to turn their research project or technology into a successful business.

“By joining the Innovation Factory Program, candidates will accelerate the process, create their startup, get international exposure, and access markets, business opportunities and funding networks, all in less than 6 months.”

KRYSTEL KHALIL, DIRECTOR OF PROGRAMS AT BERYTECH

BENEFITS





VitaLip is a lipstick that provides women with their daily needs of 3 essential and critical vitamins mainly B9, B12, and D preventing deficiency, especially at their child-bearing age.

C Green are transforming sludge – the solid part obtained at the end of the wastewater treatment, into local organic fertilizer according to the Food and Agriculture Organization of the United Nation (FAO) guidelines by using a special process for the treatment.

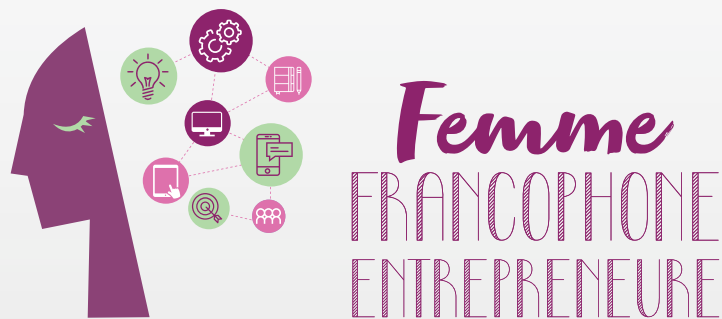
“ The program has provided us with an excellent business learning experience. It helped us to transform our passion in research and papers into business, so at the end of these two months, we were able to get an IP, to finalize the R&D phase and to start the quality control phase to validate our results. It enabled us to shift from a pure academic idea dedicated to getting our Ph.D. degree to a potential business project that we can commercialize.”

ROSABELLE CHEDID, CO-FOUNDER OF C GREEN.

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 digital sector.

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.



Since 2012, the Middle East Regional Directorate of the Agence Universitaire de la Francophonie (AUF), Berytech, L'Orient-Le Jour and Commerce du Levant 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

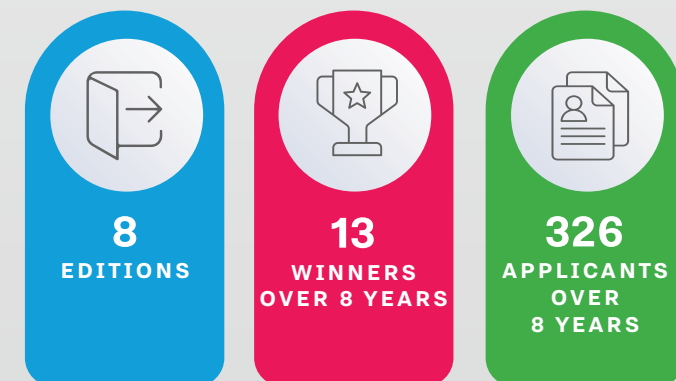
Agence Universitaire de la Francophonie (AUF)

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; and
- Empower women to play a leading role of in the Lebanese economy.





The 2019 edition of the “Femme Francophone Entrepreneur” (FFE) competition was launched under the patronage of H.E. Mrs. Violette Khairallah Safadi, Minister of State for Economic Empowerment of Women and Youth.

“ I am convinced that the involvement of women in the business world and in particular in entrepreneurship marks a clear evolution in the equality of rights between men and women while giving a new boost to the country’s economy.”

H.E. MRS. VIOLETTE KHAIRALLAH SAFADI, MINISTER OF STATE FOR ECONOMIC EMPOWERMENT OF WOMEN AND YOUTH

MEET THE 2019 WINNERS

RAYANNE BEAYNO - Mushtic, a biodegradable alternative for polystyrene, which has the same characteristics as to impact resistance and tolerance to water and heat, while being environmentally-friendly.

ROSABELLE CHEDID – C Green, a cleantech startup treating one of the most hazardous waste for our environment in Lebanon, the sludge which is currently being dumped into water and soil randomly.





Groupe Bel – the multinational cheese marketer, teamed up with Berytech to launch the ‘Kiri Mompreneur Challenge’ to help mothers develop their innovative idea or project into a viable business. The official announcement came on Mother’s Day, celebrated on March 21 in Lebanon.

The 30 Mompreneurs attended several trainings from understanding the Lean Canvas to creating a business plan. A first round of selection was held in August 2019 where according to the evaluations of the jury, 11 projects were selected to continue the competition and receive intensive pitching formations. The second round of selection was held in December, where the 11 teams pitched their startup in front of jury members who chose 5 projects for the final round.

The 5 finalists will go through intensive one-on-one pitching training to prepare them for the final ceremony which will take place in February 2020, where they will present in front of another set of jury members.



“Being a mom and an entrepreneur is hard and every bit of support is needed. We care about mothers the way they care for their families. So, we partnered with Berytech to help make a difference in their lives and the lives of people around them while turning their dream projects into full-fledged businesses.”

DR. HADY KHALAF, TRANSFORMATION DIRECTOR MEA FOR GROUPE BEL



WOMEN ON TOP

Berytech partnered with the Lebanese League for Women in Business – LLWB, to create a series of articles titled 'Women on Top' published on the Berytech blog.

“The purpose is to highlight women entrepreneurs and executives by writing a series of motivational interviews about their stories, overcoming their own challenges and their entrepreneurial endeavors.”

REINA DIB ANGOUJARD, HEAD OF COMMUNICATION & OUTREACH AT BERYTECH



ALINE KAMAKIAN



ANGELA SOLOMON



ASEEL HONEIN



ASMA ZEIN



We all know that women represent 50% of the population... 51% of our university graduates are women. Imagine the impact on the Lebanese economy, if we have at least 30% of our women university graduates as entrepreneurs! It is not only the role of our Academia but that of the entire ecosystem to make sure this dream comes true.”

ASMA EL ZEIN, PRESIDENT OF THE LEBANESE LEAGUE FOR WOMEN IN BUSINESS.



DIANE FADEL



ISABELLE ABOU KHALIL



JOYCE AZZAM



REINE ABBAS



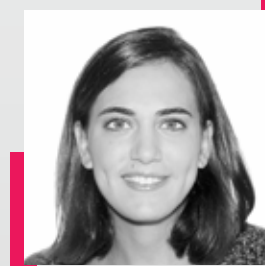
SABINE EL KAH



SARAH BEYDOUN



SOUMAYA MERHI



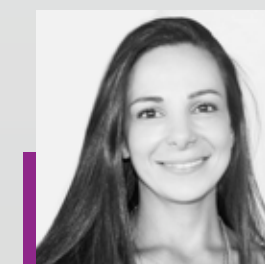
TARA HERMEZ



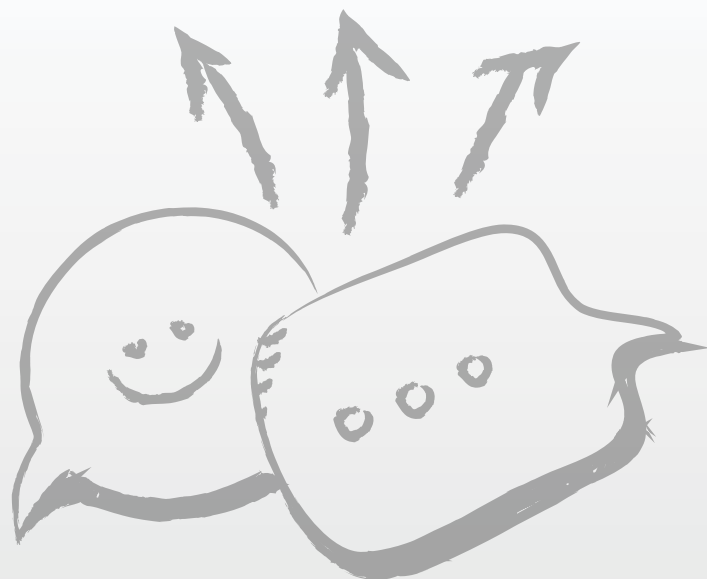
YUSR SABAR



CARINE & MINA

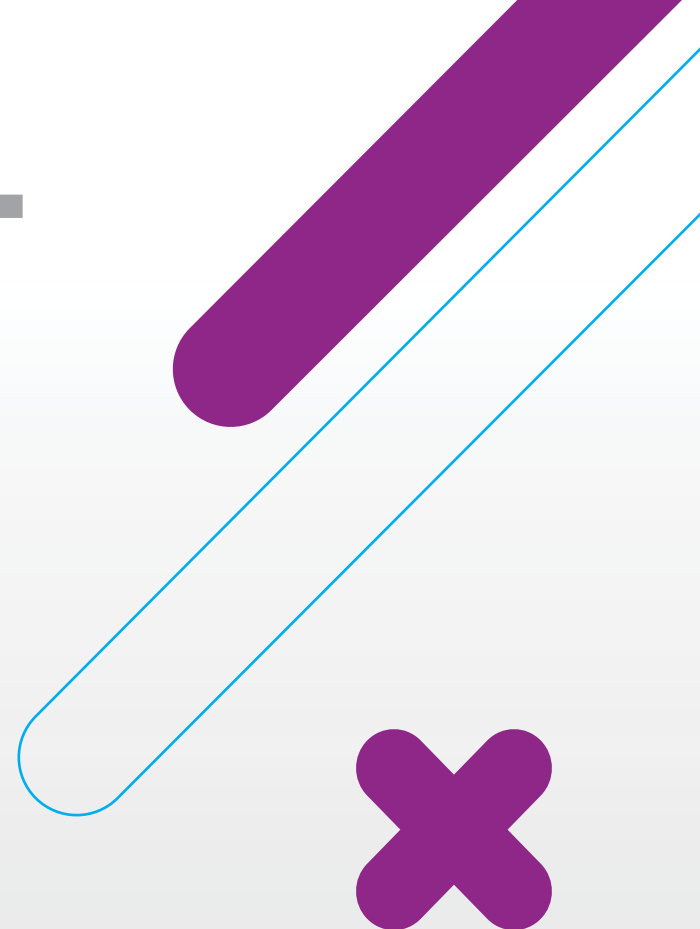


CORINE KIAME



PART

IV



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 sites in Lebanon serving entrepreneurs in the greater Beirut Area, with a fourth innovation park planned in Amchit. Members of the Berytech community, including hosted tenants and alumni, have access to all the programs, competitions, networks and resources that Berytech offers.



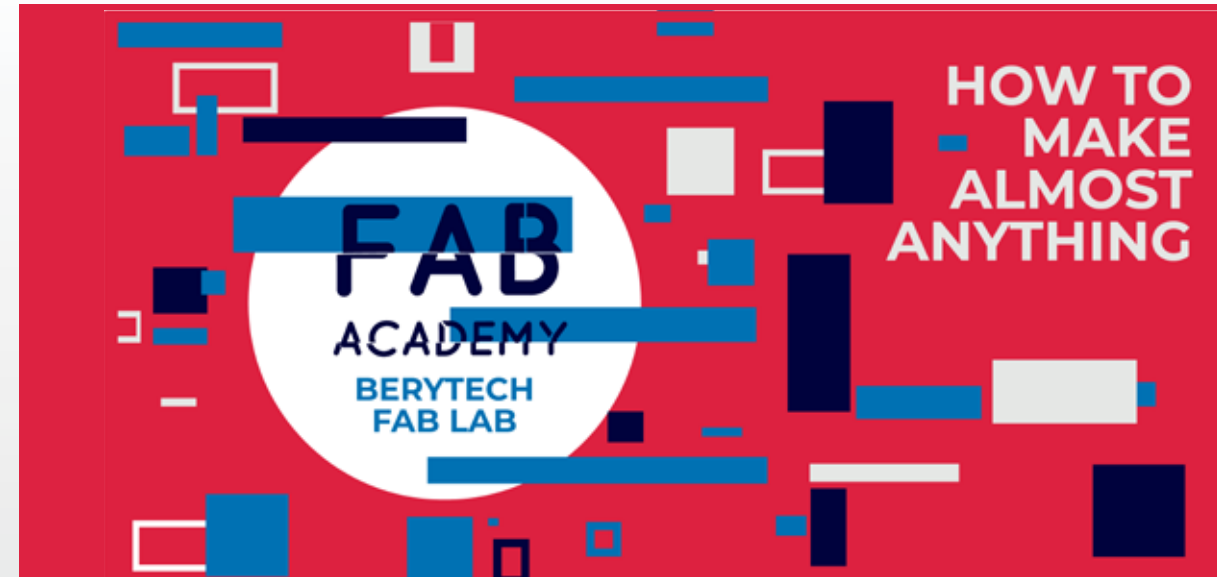
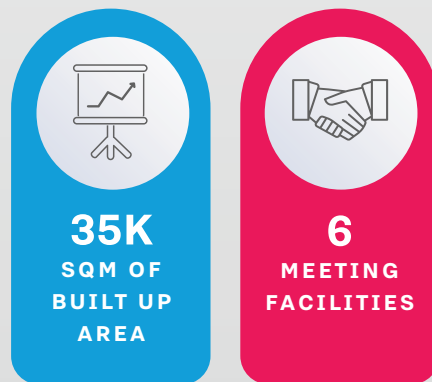


The Berytech Fab Lab opened in October 2017, co-funded by the Embassy of the Kingdom of the Netherlands and Berytech. It is the sole organization in Lebanon member of the Fab Foundation, the main international authority certifying Fab Labs around the world, offering a technical prototyping platform for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

FAB LAB MILESTONE 2017-2019



FAB ACADEMY 2019

For the second year in a row, Berytech Fab Lab has allowed makers to be part of the global Fab Academy, a distributed educational program on digital fabrication, directed by Neil Gershenfield of MIT's Center for Bits and Atoms, and delivered simultaneously in more than 60 fab labs across the world.

During the Fab Academy program, global lectures, which include topics that cover fabrication from computer-aided design, to electronics, 3D molding, machine design, and embedded networking, are broadcasted every week.

The academy teaches makers how to envision, prototype and document their ideas through a hands-on experience with digital fabrication tools, taking a variety of code formats and turning them into physical objects. It runs in more than 70 Fab Labs, for more than 250 students per year in the largest campus of the world.



MEET THE FAB ACADEMY 2019 GRADUATE
FROM LEBANON

Naji AbdelNour received his Fab Academy Diploma consisting of 19 different certificates in digital fabrication tools and disciplines. Naji was able to complete his five-month distant learning from Fab Academy at the Berytech Fab Lab, which is the only certified unit in Lebanon that acts as a middleman that allows students access to Fab Academy courses. Naji's project consisted of an automated indoor hanging garden that has automated lighting, watering and ventilation.



BERYTECH FAB LAB WORKSHOPS

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.



6

WORKSHOPS
ORGANIZED IN 2019



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



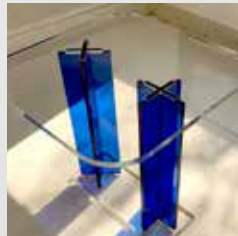
DE1 INITIATIVE

The DE1 initiative by the Berytech Fab Lab aimed to build a platform for designers to implement their ideas related to digital fabrication at the lab and using the available machines. The goal is to promote a design, making and digital fabrication culture in Lebanon.

The projects and processes were documented during the fabrication time that took around 4 weeks. The designers provided their design ideas to the team from the Fab Lab, with some supporting files to start. Then, these files were developed to cover the Cad Cam process -moving the digital files to the machines. Throughout the process some iterations to the design, dimensions and material were applied.



JEWELRY



FURNITURE



FASHION



The Growroom was created as part of a movement of food-producing architecture, a form of an urban farm that shows how cities can feed themselves. With its 2,8 x 2,5 sqm size, it is designed to have a small space usage, allowing you to grow food and plants vertically. It also supports our sense of well-being in the city by creating a small oasis, a place to pause and connect with nature, to even taste and smell the abundance of herbs and plants in the course of our high-paced days.

The Growroom is built as a sphere and can stand freely in any context, indoor or outdoor. The overlapping slices ensure that water and light can reach the vegetation on each level, without reaching the visitor within.

The DYI project was built by the Berytech Fab Lab team to showcase the design and prototyping capabilities of the lab.



Makers from around Lebanon joined this year's Mini Maker Faire, including our very own team from the Berytech Fab Lab, to check out all the novelties and experimentation in technology, science, engineering and crafts.

The Berytech Fab Lab showcased its various capabilities and the vast array of projects that could be done using the many different machines available in our lab and within the skills of our team.

Visitors of the faire had the chance to enjoy seeing 3D parts and objects printed live at the show. Our team also made stickers using the lab's vinyl cutter for everyone who visited the booth.



FAB LAB MOVEMENT LAUNCHES FAB ARAB NETWORK

Born in the context of the growing Fab Lab movement in the Arab world across 22 countries with more than 70 fab labs sites, Fab Arab Network is an organization, made up of members of Arab Fab Labs – including the Berytech Fab Lab in Lebanon, which seeks to build a participatory supportive space where makers, entrepreneurs, fab labs, makerspaces and technology enthusiasts can exchange experience, tools, and knowledge about technology, sustainability, education, and entrepreneurship.

The Group's aim is to create a strong network of expertise, empower Arab fab labs, grant access to tools and opportunities and promote effective collaboration to increase the impact of technology in the Arab World.

COMMUNITY SUCCESS STORY

Berytech alumni, whether hosted or supported, have a lifelong membership to the Berytech community.



LEBANESE INSURTECH COMPANY BSYNCHRO RAISES US\$1 MILLION OF CAPITAL

BSynchro Holding raised US\$1 Million of additional capital from its current shareholders Berytech Fund II and Phoenician Funds I.

BSynchro is the region's leading InsurTech company providing players in the insurance industry with innovative solutions such as digital distribution and brokerage, claims management and aggregation. The newly received funds will be invested in developing BSynchro's multi-purpose suite of products dedicated to transitioning insurance related companies into the digital world in a speedy and affordable way, notably with an extensive use of new technologies such as Artificial Intelligence, Machine learning and Robotic Process Automation.

“After the Berytech Fund I, Berytech Fund II and Phoenician Funds first and second rounds of investments, this third round is proof that BSynchro's strategy and success is trusted by our partners. The funding they provide as well as their managerial and strategic support are key in the success of our company, one of the pioneers and leaders of InsurTech and insurance digitization in the region.”

MICHEL CHAMMAS, CEO OF BSYNCHRO

CORPORATE PARTNERSHIPS

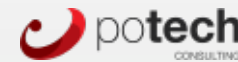
We've partnered with key organizations, multinationals and companies to offer our tenant community value-added services and products with exclusive discounted packages to boost their business.



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



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.



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



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



Provide early stage startups with software, support, and visibility to help ignite their success.



A listing platform which makes it easier for startups to connect to Angel Investors, VCs, Mentors and Co-founders in the MENA region.



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.



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.

EVENTS SHAPING OUR COMMUNITY



BERYTECH AT THE GLOBAL ENTREPRENEURSHIP CONGRESS 2019 IN BAHRAIN

The Global Entrepreneurship Congress – GEC 2019 took place on April 15-18 in Manama, Bahrain, unifying a broad collection of voices from the thousands of entrepreneurs, investors, researchers, policymakers and other startup champions who attend this event from more than 170 countries.

Ramy Boujawdeh – Deputy GM of Berytech, represented Berytech at the congress whose overarching purpose is to identify new ways of helping founders start and scale new ventures anywhere in the world.

GEC 2019 focused its numerous sessions and networking opportunities on three specific themes, Global Entrepreneurial Revolution, High-Performance Ecosystems and Inclusive Economies.

Part of the congress, Berytech participated in the panel focused on the future of food security and agri-food innovations in the MENA region, identifying the potential for the region for the present and the future.

During the session Boujawdeh intervened in showcasing Berytech's Agri-Food Innovation Accelerator – Agrytech's impact in Lebanon in catalyzing innovations in agri-food, Berytech's active role in the entrepreneurial ecosystem and how it was able to connect food and technology to improve local food security.

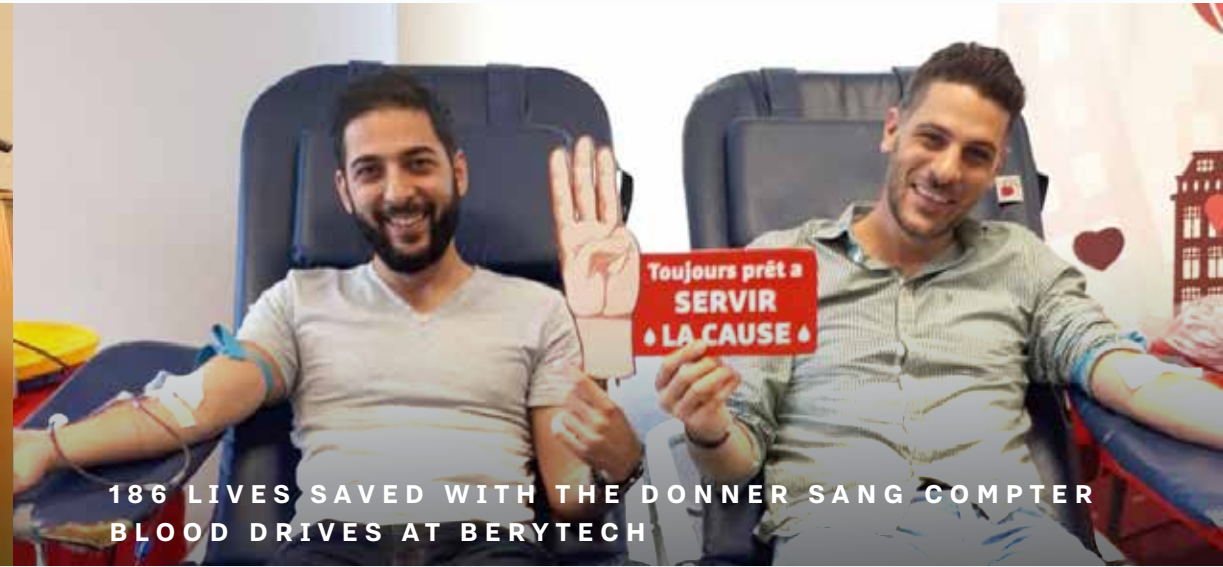
Boujawdeh elaborated on the importance of food security in the region and the importance of connecting the needs of the farmers to produce in terms of technology and support. He also highlighted the difference between Lebanon and developed countries in terms of size of land, education of farmers, access to resources, etc. He also pointed to the value of human potential to be used in education, engineering, computer science to sort those challenges.

The audience was a mix of policy makers and global foundations attending and interacting with the panel in addition to investors, people in the farming sector who were debating the next steps.



**BERYTECH PARTICIPATES IN AN-NAHAR'S
BLUE DAWN ROADSHOW**

The first session of the "Blue Dawn Roadshow" project, launched by An-Nahar, was held at the Saint Joseph University and is being presented in 10 Lebanese universities. Berytech CEO Maroun Chammas participated in the session entitled "Jobs for the Future and Present in Lebanon", joined by Diane Foundation CEO Diane Fadel, INJAZ Executive Director Samar Dany and NuMinds Enrichment CEO Justin Wouter.



**186 LIVES SAVED WITH THE DONNER SANG COMPTER
BLOOD DRIVES AT BERYTECH**

Once again, this year, the Berytech Community across the three innovation parks showed up to support and donate blood during the drive organized with the help of the volunteers from Donner Sang Compter.

63 eligible community members donated enough blood units to save 186 lives, a huge achievement showing the power of our community and the impact it can generate. Donner Sang Compter is an NGO dedicated to providing blood for patients in need through a centralized database of potential donors, and through frequent blood donation campaigns.



**LEBANON'S STARTUP SCENE AT THE LEBANESE
DIASPORA ENERGY CONFERENCE 2019**

Held this year under the theme *Diaspora in Action*, the 6th local edition of the Lebanese Diaspora Energy provided its platform to Lebanese decision makers, entrepreneurs, investors, physicians and businessmen from various sectors and their Diaspora counterparts to explore best practices in development, while creating a unique occasion to share perspectives and innovative solutions to local problems, open up new horizons of collaboration, and align Lebanon with recent trends in social, political, business and other realms of interest.



PANEL SESSION

Maroun N. Chammas – Chairman and CEO of Berytech, moderated the panel session titled *current state of the tech ecosystem and leveraging on the Lebanese diaspora*, which hosted
H.E. Adel Afiouni – Minister of Information Technology and Innovation
H.E. Nicolas Sehnaoui – former Minister of Telecom and current member of parliament
Marwan Hayek – CEO of alfa, and representing the Lebanese diaspora
Carl Wazen – Co-founder and CEO of YOCO in South Africa.

STARTUP COMPETITION

Lebanese startups innovating in F&B were given the opportunity to pitch in front of the Diaspora and compete for US\$25,000, generously offered by alfa.

Each startup had 3 minutes to pitch their innovation in front of the jury, who followed specific criteria to select the winner of the cash award. The judges evaluated each startup based on their pitch delivery and content; and the potential for them to succeed abroad.

The winner of the startup competition was Hum N'Go – a new Grab & Go snack made of hummus and crunchy breadsticks put together in two compartments of a plastic cup represented by Co-Founder Samer Sfeir.

STARTUP VILLAGE

Berytech and the Lebanese Venture Capital and Private Equity Association worked with the Ministry of Foreign Affairs and Emigrants in Lebanon and organized a Startup Village a 150m2hub during LDE that was dedicated to tech startups – internationally-minded entrepreneurs and high-growth businesses. Over 30 Lebanese startups showcased.



The program aims to stimulate, recognize and reward groundbreaking technology innovation and excellence in sports in Lebanon. This award, managed by Berytech, aims to inspire talented individuals to pursue their ambitions while expanding innovation and excellence in the Lebanese marketplace.

On a yearly basis, and for the next ten years, Maroun N. Chammas has committed funding for the award.



\$50K for Technology
Innovation



\$50K for Technology
Excellence

25 Technology Innovation
Applicants



15 Sports Excellence
Applicants



The first edition of the Maroun N. Chammas Recognition Award ceremony was held in February 2019 where the winners of the two awards for 2018 were announced.

QUADRA a startup who is developing an optical fruit sorting machine using Artificial Intelligence, won the Maroun N. Chammas Recognition Award for Technology Innovation including the US\$50,000 prize money and the much-coveted mentorship from Maroun Chammas.

As for the Sports Excellence Recognition Award, it was bestowed on young swimming athlete **Rami El Ghaziri**, 15, who received US\$25,000 as reward and encouragement for his sports career. And in a surprise announcement during the ceremony, Chammas revealed that an additional US\$25,000 was being granted equally between the remaining five finalists

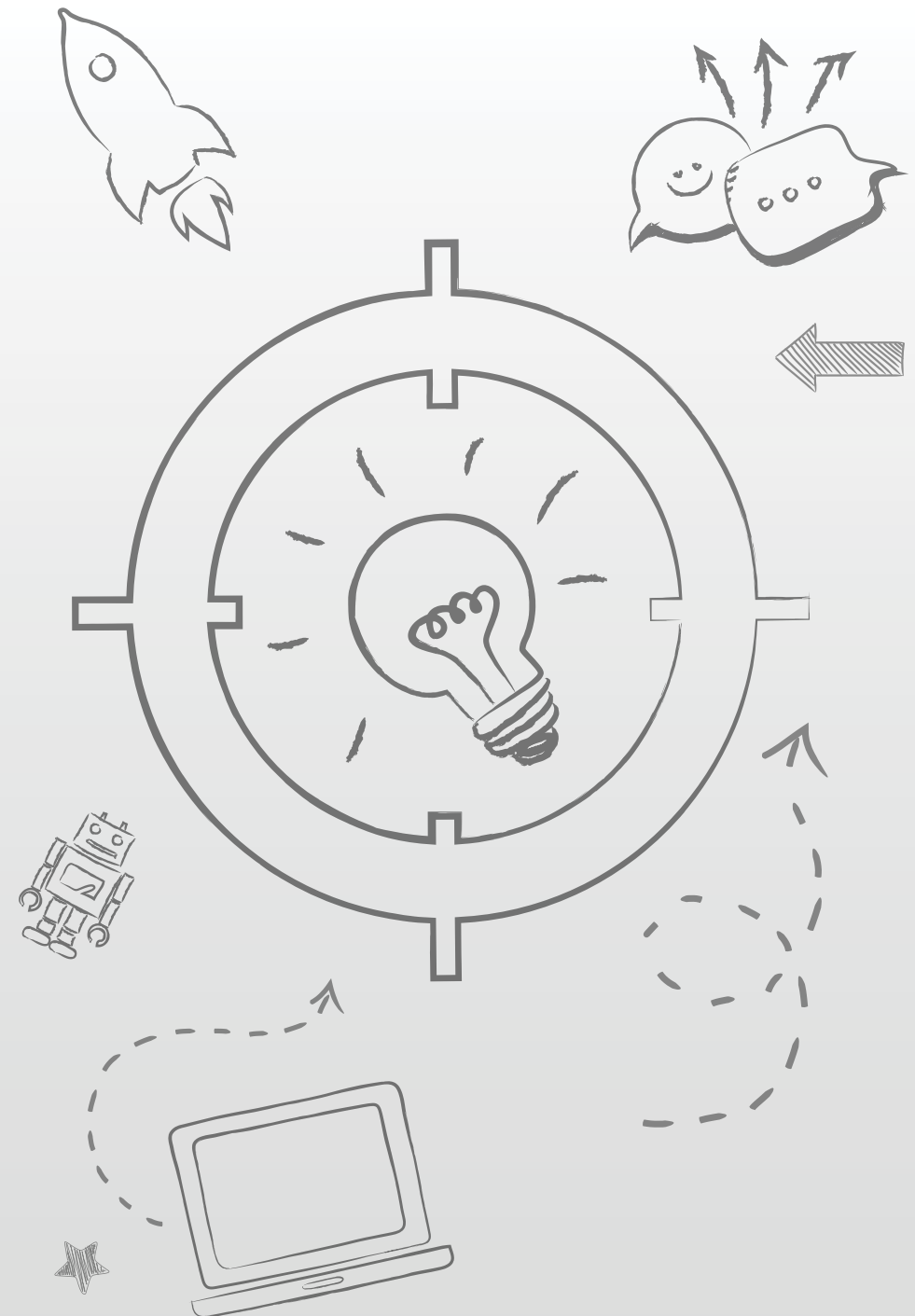
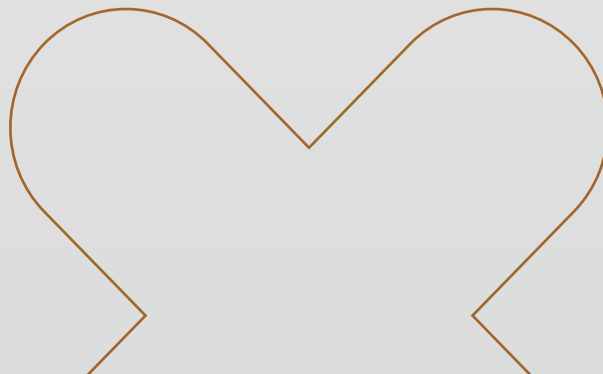
Hiba Doueihy | Swimming
Nai Salameh - Fencing
Marie-Joe Abou Jaoudé - Fencing
Laetitia Aoun - Taekwondo
Raphael Koudsi - Taekwondo



The Scholarship Fund is intended for USJ students of the Faculty of Science, the Faculty of Management and Business, the Faculty of Pharmacy, the Faculty of Engineering and Lebanese School of Social Training.

The Fund allows the University to grant scholarships of US\$5,000/year to students with an entrepreneurial project that addresses a societal problem. The selection of candidates is based on a double academic and social criterion.

The funds for the scholarship originate from the US\$100,000 per year he has committed over 10 years part of the Maroun N. Chammas Recognition Award. As this year the circumstances in Lebanon are not favorable for organizing the awards, Chammas decided to divert his yearly financial commitment to funding the scholarships.





Berytech recently signed an international cooperation agreement with Marseille-Innovation – a French incubator and accelerator, allowing the implementation of a Soft-Landing program dedicated to innovative startups supported by both Marseille-Innovation and Berytech.

The ceremony was held in the presence of Deborah Alliez – Program Manager at Marseille-Innovation, Maroun N. Chammas – CEO of Berytech, Abdelkader Betari – President of ANIMA Investment Network, and Renaud Muselier – President of the Provence-Alpes-Côte d'Azur Region.

The aim of the program is to allow both Berytech and Marseille-Innovation to source French and Lebanese startups wishing to develop internationally, host them in the different sites managed by both organizations, create tailored support programs that connect them with experts and mentors, and link them with the main players of the innovation ecosystem of the host territories in the Provence Alpes Côte d'Azur south region, and in Lebanon.

TEST THE FRENCH MARKET

With the Marseille Innovation Softlanding program, Lebanese startups and scaleups have the chance to dive and live a rich experience in the Marseilles ecosystem to develop their activities in France and in Europe.

The Soft-Landing Offer

- “Plug & Play” hosting on 4 sites in Marseille.
- Connection with the local ecosystem. Participation in thematic workshops and local events.
- Access to local expert advice and mentors.
- Help in finding business partners and business opportunities in France.
- Acquire knowledge on the conditions of incorporation in France (legislation, tax incentives, standards)

MARSEILLE INNOVATION IN NUMBERS

More than 9,000 m² of space dedicated to entrepreneurship and innovation in 4 locations in Marseille



90%
SURVIVAL RATE
AT 5 YEARS



€1B
IN TURNOVER
ACCUMULATED
by our start-ups for 10 years



150
STARTUPS
ACCOMPANIED



€33+M
RAISED IN
7 YEARS



48+
EVENTS PRODUCED
PER YEAR



PART



V



CONTINUING
AND NEW
INITIATIVES





Home to some of the world’s most ancient civilizations, hub for trade and transport, unique hotspot for biodiversity, the Mediterranean faces a multitude of common challenges, including climate change, pollution, youth unemployment and social inequality.

Acting together to address these challenges and improve the lives of men and women across the region is the impetus for the 2014-2020 ENI CBC “Mediterranean Sea Basin Programme”. ENI CBC Med is the largest Cross-Border Cooperation (CBC) initiative implemented by the EU under the European Neighbourhood Instrument (ENI).

PROGRAM DONOR
European Union ENICBCMED

IMPLEMENTING PERIOD
2014 - 2020



BUDGETS

€209M	overall EU contribution, out of which €188 million for project financing
€20M	dedicated to Technical Assistance
90%	contribution of the total eligible budget costs of the projects
10%	minimum co-financing provided at project level
50%	at least dedicated to activities implemented in Mediterranean Partner Countries



GENERAL OBJECTIVE
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. The strategy is based on the following two overall objectives:

- Promoting economic and social development and
- Addressing common challenges in the environment.



IMPLEMENTING PARTNER IN LEBANON



Berytech is involved in two of the four thematic objectives, highlighted below.

THEMATIC OBJECTIVE A.1 – BUSINESS AND SMES DEVELOPMENT

Priority A.1.1 – Support innovative start-ups and recently established enterprises, with a particular focus on young and women entrepreneurs, and facilitate the protection of their intellectual property rights and commercialisation where applicable

- Target: 200 jobs created in innovative startups
- Target: 1500 young people and women involved in training and business mentoring programmes

Priority A.1.2 – Strengthen and support euro-Mediterranean networks, clusters, consortia and value-chains in traditional sectors and non-traditional sectors

- Target: 90 new business agreements established among enterprises of the cooperation area
- Target: 180 new products and services sold on domestic and international markets

Priority A.1.3 – Encourage sustainable tourism initiatives and actions aimed at diversifying into new segments and niches

- Target: 40 improved cultural and historical sites thanks to the Programme support
- Target: 25 new sustainable tourism packages created to increase off-season visits

Project involving Berytech: GIMED which aims to support the creation and development of eco-innovative startups in the field of the green and circular economy in the Mediterranean.

THEMATIC OBJECTIVE A.2 – SUPPORT TO EDUCATION, RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION

Priority A.2.1 – Support technological transfer and commercialisation of research results, strengthening the linkages between research, industry and other private sector actors

- Target: 25 university spin-off enterprises created
- Target: 20 agreements signed to boost cooperation between academia and industry

Priority A.2.2 – Support SMEs in accessing research and innovation, also through clustering

- Target: 50 SMEs with enhanced innovation capacities
- Target: 1,250,000 euro as investment in selected SMEs innovation activities

Project involving Berytech

BESTMEDGRAPE which aims to turn waste from winemaking into valuable and innovative commercial health products, supporting at the same time the creation of new businesses.





unded by



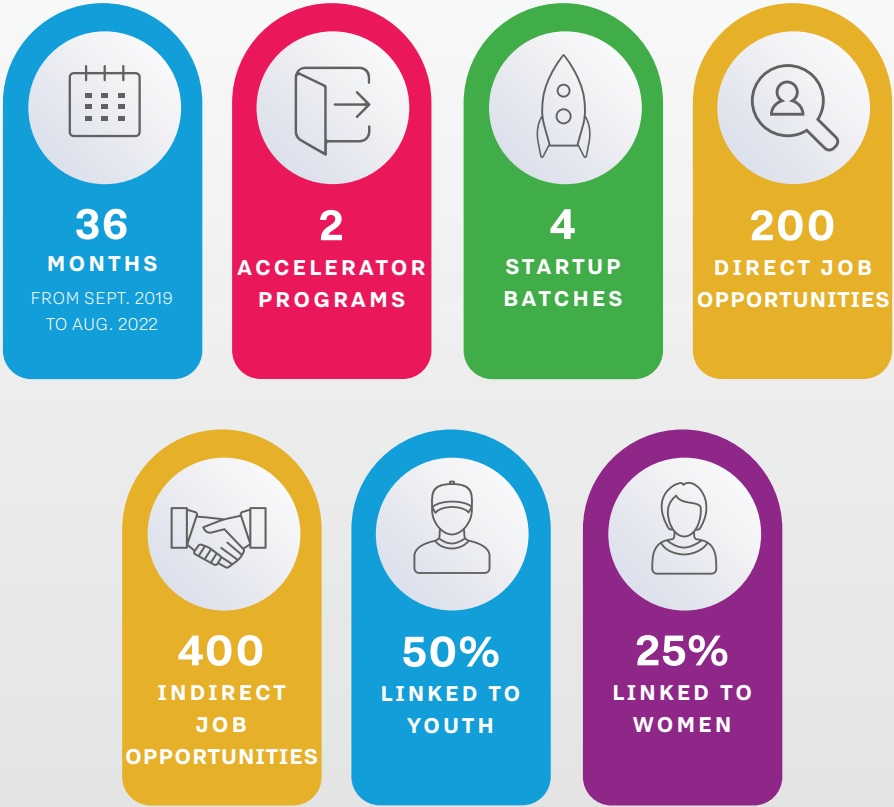
As the name implies, the A.C.T. Smart (acronym for Agri-Food & CleanTech) Innovation Hub is a new out-of-the-box approach by Berytech aimed at strengthening business advancement, economic growth and job creation in the Agri-food and Cleantech sectors in Lebanon.

PROGRAM DONOR

The Kingdom of the Netherlands

OVERALL OBJECTIVE

Creating opportunities for innovators, including youth and women, through accelerating job creation and stimulating competitiveness from Lebanon by leveraging and developing capacities, creating an enabling environment, and increasing linkages between Research and Industry for local SMEs and Startups



IMPLEMENTING PARTNERS >>



SUPPORT PARTNERS >>



FOURFOLD APPROACH

The novelty of Berytech's ACT Smart approach is fourfold.

> >

- **ACCELERATION**
Converting innovative ideas to growing businesses supporting job creation and economic growth.
- **CLUSTERING**
Strengthening the Agri-Food private Sector, by increasing innovation practices strengthening resilience, and international competitiveness.
- **THINK TANK**
Supporting the creation of work groups to lobby for better enabling innovation & investment landscape.
- **IP VALORIZATION**
Valorizing Lebanese Research to commercialization & Industry Advancement.

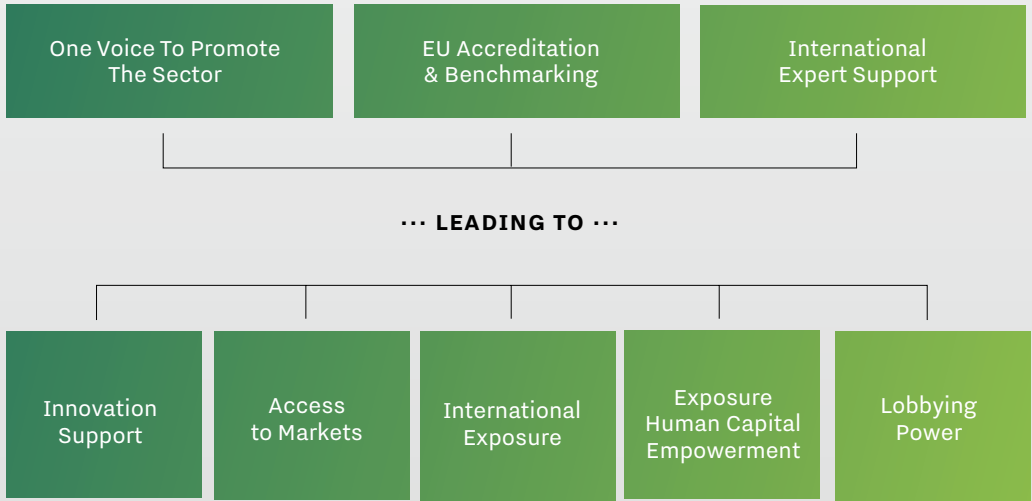


ACCELERATION PROGRAMS

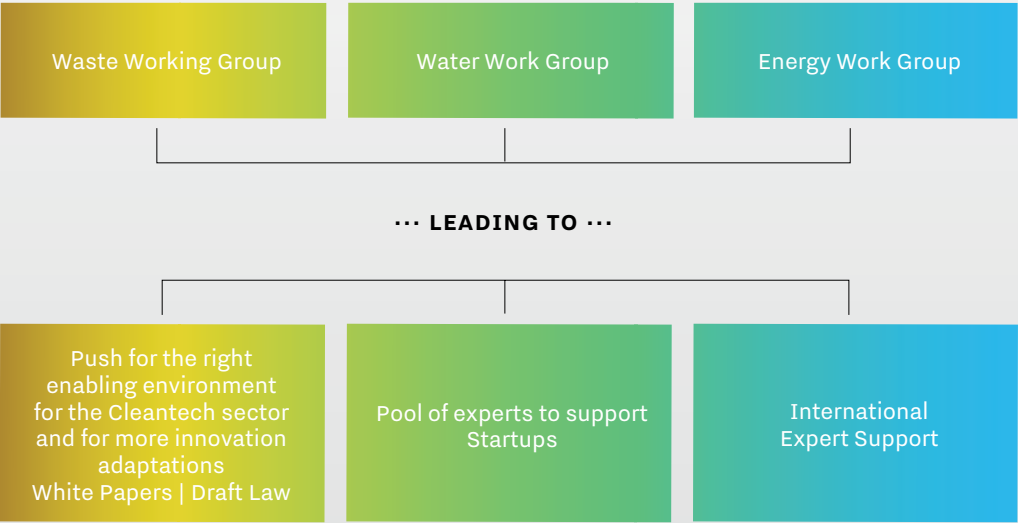


	VALIDATION PHASE	ACCELERATION PHASE	INCUBATION PHASE
	Up to 24 shortlisted applicants	Up to 12 teams	Up to 8 teams
	US\$2K innovation grant	US\$15K support grant	US\$20K match grant
	2 months	4 months	6 months

MOTIVIES & IMPACT



WORKING GROUPS



FUNDING



Encouraging the generation and commercialization of Lebanese intellectual property in partnership with leading academic and research institutions for different industry sectors.



4
GRANTS



\$100K
\$25K X 4 (TOTAL)



POTENTIAL TO JOIN
AGRYTECH OR CLEANERGY
ACCELERATOR PROGRAM
IN 2020 OR 2021

**THE
NEXT
SOCIETY** INNOVATORS
SHAPING THE FUTURE
IN THE MEDITERRANEAN

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.

PROGRAM DONOR
European Union DG Near Fund

- 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

PROGRAM DURATION
2017-2020

BUDGET
up to 90% for a global amount of €7.8 million budget
a part dedicated to achieving its objectives in Lebanon through its partnership with Berytech



For the third year in a row, Berytech partnered 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.

Out of the 24 startups who applied, 10 were shortlisted to pitch to a jury who chose then 3 winners: TeensWhoCode, Live Love Recycle and Cloudsale.

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.



THE MENTORING PROGRAM

THE NEXT SOCIETY mentoring programs enable participants to be inspired by experienced leaders and successful entrepreneurs. The program – which lasts one year to better support the startups through the crucial times of their journey, is delivered in English, Arabic and/or French by Mowgli Mentoring that has run over 85 mentoring programs across 13 MENA countries and the UK since 2008.

The First Cohort of THE NEXT SOCIETY Levant Mentoring Program Graduate in Jordan ANIMA Investment Network, THE NEXT SOCIETY and Mowgli Mentoring launched a mentoring program enabling 9 innovators to be matched with 9 experienced mentors. After 360 successful mentoring sessions, a graduation ceremony took place in Jordan.

The pioneering cohort successfully completed the 12-month regional mentoring program which supported participants from Jordan, Palestine and Lebanon including mentees Naim Nasreddine – CEO of Towbe, and Selim Yasmine – founder of 209 Lebanese Wine, and mentors Naila Saba – Co-founder at Avoid Agency and Toufic Gebran – Founder of the Gebran Group.

This graduation ceremony brought together representatives from the European Union, ANIMA Investment Network, Mowgli Mentoring and other implementing partners of THE NEXT SOCIETY as well as the program participants. The ceremony celebrated each person's journey, highlighted the impact achieved over the past 12 months and provided support for mentor-mentees pairs who will continue with their mentoring relationship beyond the structured program. Notably, Naim Nasreddine and Toufic Gebran were awarded 'Most Impactful Mentorship Relationship'.



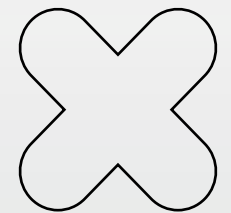
CREATIVE BUSINESS



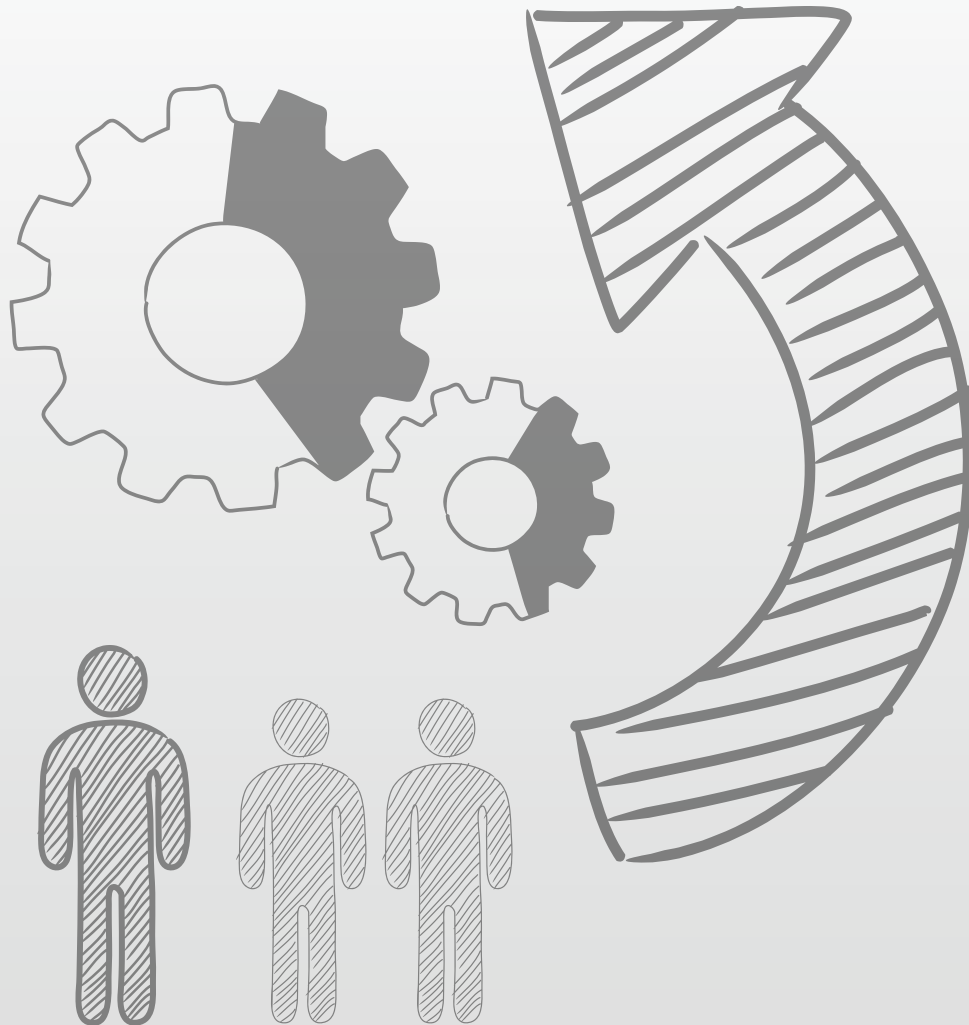
PART



VI



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:

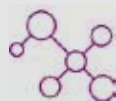
- Creating strategic connections and international partnerships and affiliations;
- Connecting different pools of experts in the ecosystem: business angels, mentors, cluster managers, technology transfer managers, innovators and researchers;
- Collaborating with the Ministry of Economy and Trade to set 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.



OFFICE SPACES
& FACILITIES



MENTORING & ACCESS
TO INTERNATIONAL
MARKETS



FUNDING ADVICE
& COUNSELING



JOB OPPORTUNITIES
WITHIN OUR NETWORK



WORKSHOPS, EVENTS
& COMPETITIONS



COMMUNITY OF
MORE THAN 300
ENTITIES

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

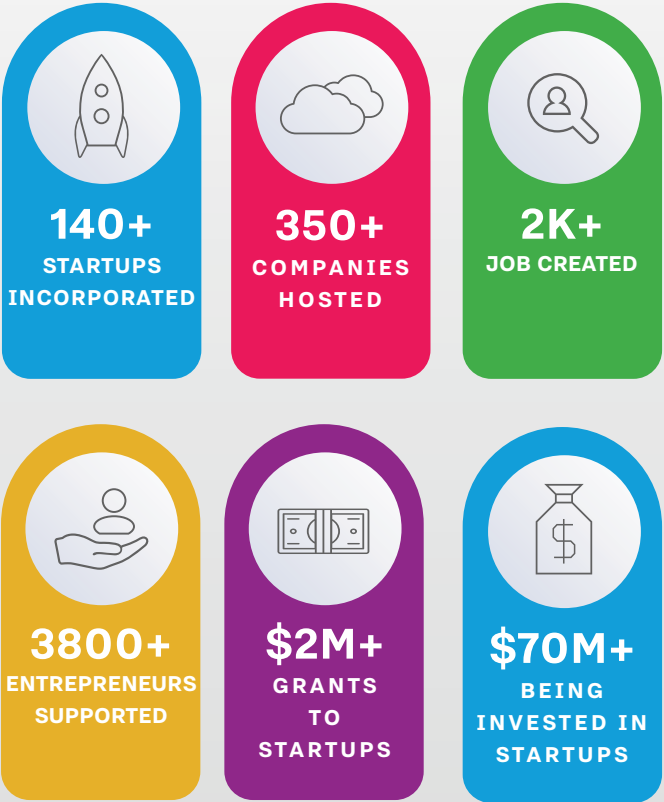
Cash grants to support MVP, acceleration and matching grant for the incubation phase



CLUSTERING

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

BERYTECH IN NUMBERS



SHAREHOLDERS



BOARD OF DIRECTORS



DR. GEORGES AOUN
>>
USJ



MR. HENRI ASSEILY
>>
LEAP VENTURES
>>
BIZRATE
>>
SHOPZILLA



DR. WAJDI NAJEM
>>
USJ



MR. GEORGES NAZI
>>
ACCENTURE



MR. MAROUN N. CHAMMAS
>>
BERYTECH



MRS. JOUMANA CHELALA
>>
BYBLOS BANK



DR. NICOLAS ROUHANA
>>
IM CAPITAL



MRS. RANDA SAFAH
>>
BANQUE AUDI



MRS. RANIA FREM EL KHOURY
>>
INDEVCO
>>
GEORGES N. FREM FOUNDATION



MRS. TANIA HELOU
>>
FONDATION SARADAR



DR. NASSER SAIDI
>>
NASSER SAIDI & ASSOCIATES



MR. PETER TARAZI
>>
ARAB BANK

MEMBERSHIPS, ACCREDITATIONS AND CERTIFICATIONS



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.



EUROPEAN BIC (BUSINESS & INNOVATION CENTERS) NETWORK

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.



EUROPEAN NETWORK OF LIVING LABS

Berytech is a member of the European Network of Living Labs - ENoLL, the international, independent non-profit association of bench-marked living labs with more than 340 accredited living labs worldwide. It is a network of open and citizen-centric innovation ecosystems, European born but with global outreach.



INTERNATIONAL BUSINESS INNOVATION ASSOCIATION

Berytech is a member of the International Business Innovation Association - InBIA, a global network of incubators, accelerators, and other entrepreneurial support organizations.



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.



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.

MEET OUR DONORS

> >



EUROPEAN
UNION

FUNDER SINCE

2006

PROGRAMS

EU-projects managed by Berytech

OUTCOME

- Setting up the incubator in the Berytech site in Mathaf (Museum District) in 2006
- Managing EU-funded projects to boost economic development, innovation and entrepreneurship in Lebanon. Previous and current initiatives include capacity-building programs, softlanding, participation in international events and incubation:
 - SHAAMS (Renewable Energy Sector)
 - WeHubs (Women Empowerment)
 - 5TOI (Ag, Food, and Renewable Energy Open Innovation and Research),
 - THE NEXT SOCIETY (Entrepreneurship and Innovation Support in the Mediterranean)
 - ENICBCMED (Foster fair, equitable and sustainable economic, social and territorial development).



KINGDOM OF
THE NETHERLANDS

CURRENT REPRESENTATIVE

H.E. Jan Waltmans, Ambassador of the Kingdom of the Netherlands in Lebanon

DONOR SINCE

2016

PROGRAMS

Agrytech - Agri-Food Innovation Hub 2017-2019, ACT Smart Innovation Hub 2019-2022

OUTCOME

- **Agrytech - Agri-Food Innovation Hub 2017-2019**
 - Agrytech Accelerator - 2-year program dedicated to advancing ideas in the agri-food industry
 - Agri-food Cluster - envisioned to become the driving force of the Lebanese agri-food industry increasing its competitiveness worldwide
 - Berytech Fab Lab - a fully equipped maker space dedicated to electronics and hardware prototyping
 - Resource Platform - to attract innovators to access knowledge and join the sectors future collaborators on such innovations.
- **ACT Smart Innovation Hub 2019-2021**
 - Agrytech and Cleanergy Accelerator Programs
 - Support the QOOT Agri-Food Innovation Cluster ultimately leading to efficiency and quality exports from Lebanon
 - Convert Intellectual Property (IP) into commercialized solutions
 - Propose policy reforms and establish lobbying and coordination structures

“

The current situation in Lebanon shows even more than before that innovation and job creation for youth are needed. Agri-food and Cleantech are priorities to Lebanon in which we gladly invest. Renewable energy and economic activities that take into account protection of the environment increasingly are priorities worldwide. It is important for Lebanon to be part of innovation and to provide opportunities to its youth to be part of this. Berytech's ACT Smart Innovation Hub offers the opportunity to youth from different parts of Lebanon to work towards a better future for their country”

AMBASSADOR H.E. JAN WALTMAANS



FUNDER SINCE
2018

PROGRAMS
Lebanon Enterprise Development Project (LED)

- OUTCOME**
- Offer customized technical assistance to local businesses to help identify and solve challenges to business growth, productivity, and profitability
 - Promote increased employment opportunities for Lebanese.



REPRESENTED BY
Embassy of the United States of America in Lebanon

FUNDER SINCE
2019

PROGRAMS
Impact Rise Social Innovation Program

- OUTCOME**
- Scaling social entrepreneurship startups from Lebanon with innovative and impactful solutions for a better community and a better environment.
 - Establishing and empowering a network of impact experts including coaches and mentors who will be assisting the startups in their growth journey.
 - Establishing inclusive collaboration between the major Social Entrepreneurship stakeholders across the ecosystem: the startups, the partners, the coaches, and the mentors.



We turn
innovative
ideas into
successful
businesses

