



Would you like to stand out, boost your professional qualifications,  
**AND GET A CERTIFICATE FROM FRANCE**

*Are you looking to*

**RESHAPE THE URBAN LANDSCAPE IN LEBANON,  
and be recognized as a leader in urban thinking**

*Do you have a*

**NOVEL IDEA FOR REDUCING AIR POLLUTION  
that you want to develop into a viable project**

**APPLY NOW** for the **FIRST URB-HACKATHON** in Lebanon  
and The Middle East and be part of this unique experience.

*Special Prizes will be offered to the top winning teams*

**ecosolutions**  
Build It Green

**universcience**

 **IPTEC**  
IPT ENERGY CENTER

La Cité des Sciences et de l'Industrie experts - the organizers of the famous Paris Urb-Hackathon at the leading Science Center in Europe, are coming to Beirut this March to lead the first Urb-Hackathon in Lebanon (third country after France and Korea), with the special theme:

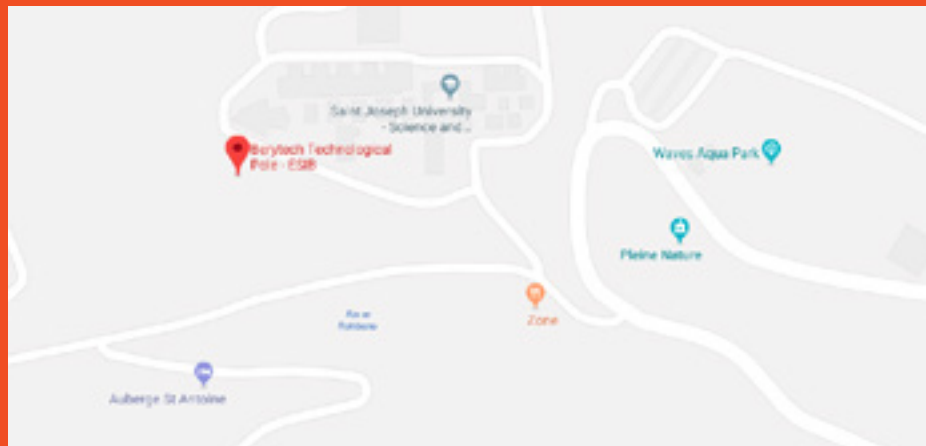
## **“Data-Urbanism: Reducing City Air Pollution from Transport”.**

The Urb-Hackathon will be organized in Beirut by e-EcoSolutions and IPT Energy Center (IPTEC) with the strategic support of Berytech, Order of Engineers & Architects, UNDP, GCNL, Université Saint Joseph de Beyrouth,USJ and the French Institute in Lebanon and will take place **on March 1st, 2nd and 3rd, 2018 at the Berytech Innovation Park in Mar Roukoz and the event will be concluded with an Award Distribution Ceremony on March 3rd at USJ Science and Technology Campus.**

This is a unique opportunity for ambitious Professionals, Entrepreneurs, & University Students to work together on solving urban problems in a limited time frame, and in the most technologically advanced and innovative ways. The Urb-Hackathon drives the participants to form working teams, brainstorm, design, and present solutions that allow cities to function more efficiently, be more responsive to community members and ultimately create better, more equitable and sustainable urban environments for people to live in.

**In this edition, the projects will be focused on reducing City Air Pollution caused by Transport.**

The teams will be guided by Experts from France, will be able to use the machines at the unique Berytech FabLab to build prototypes, and will be requested to submit one project idea per team to an international Jury Panel.



## **WHO CAN PARTICIPATE?**

University students, entrepreneurs, and professionals from the fields of Architecture, Engineering, Urban Planning, Landscape Design, Programming, Coding, Computer Science, Modeling, Robotics, Industrial Creation, Biology, Environment, Agronomy, Geography, Sociology, Political Science, Graphic Design, Digital Arts, and any other discipline involved in bio-digital or Sustainability are all welcome to participate in the Urb-Hackathon.

**You can sign up as one individual and integrate a team during the Urb-Hackathon, or sign up as a team of 5 to 6 individuals.**

**Experience in hackathon participation is a plus.**

## **How to Register?**

**Submit your application online on [www.Urbhackathon.org](http://www.Urbhackathon.org)**

**Deadline is February 15, 2018**  
(places are limited)



# WHY PARTICIPATE?



## EXPERIENCE

This is a unique opportunity to participate in an international hackathon, an experience impacting positive career development and distinction.

## CERTIFICATE

The participants will be earning certificates issued by Universcience – La Cité des Sciences et de l'Industrie from France during a final ceremony announcing results, a unique qualification enriching their portfolios and resumes.

## BERYTECH FAB LAB

The participants will earn a chance to innovate, design and build their own projects prototypes, whilst gaining major differentiating experiences through interacting with unique tools and building machineries at the Berytech Fab Lab, such as 3D printers, laser cutter, CNC milling, circuit production, precision milling, vinyl cutting, virtual reality systems etc.



## SPECIAL RECOGNITION PRIZE

One team will receive a special Universcience Prize certificate, and may get the chance to display their project in Paris in La Cité des Sciences et de l'Industrie

## ENTREPRENEURSHIP PRIZES

Berytech will offer **“THE ENTREPRENEURSHIP PRIZES”** to the 3 most promising entrepreneurial projects

### First Prize

- 1 month access and use of the Berytech co-working space, up to 3 hot desks
- 3 months virtual incubation and support
- 3 months Berytech Fab Lab premium membership for 3 team members

### Second Prize

- 2 months virtual incubation and support
- 2 months Berytech FabLab premium membership for 3 team members

### Third Prize

- 1 month virtual incubation and support
- 1 month Berytech Fab Lab premium membership to 3 team members

**Berytech**  
The Ecosystem  
for Entrepreneurs





# EVENT FORMAT

## CONCENTRATED WORKSHOPS

The Urb-Hackathon will extend over 3 days during which the participants will be working in teams of 5 to 6 persons and will take part in a series of technical and innovation workshops.

The Urb-Hackathon will be led by French experts from La Cité des Sciences et de l'Industrie, and the Atelier International Expérimental pour la Cité Bionumérique, enabling participants to familiarize themselves with the latest trends, facts, and methods related to the key Urb-Hackathon theme.

## BERYTECH FAB LAB EXPERIENCE

The participants will be allowed to design / build their projects in the unique Digital Fabrication Laboratory (Berytech FabLab) where they will have access to the latest technologies and machineries needed to build projects of this level. The Fablab offers a vast array of resources to create, fabricate and transform their ideas into working prototypes and innovative products.

## PUBLIC INTERACTION

The event will also feature open sessions allowing an interaction with the public, an exchange of knowledge, and validations of proposed project ideas.

## DELIVERABLES

Participants have a specific number of hours to work on their solutions, so it is important that they showcase their product's most important features.

The result of their hard, creative work will be:

1. A Prototype or Demo of a Prototype
2. A 7 minutes pitch to present their solution Timeline



## TIMELINE

### • February 15<sup>th</sup>

Last date for online registration

### • February 22<sup>nd</sup>

Selected participants will meet at Berytech for the formation and preparations of the teams

### • March 1<sup>st</sup>

Urb-Hackathon at Berytech from 9:00am to 9:00pm

### • March 2<sup>nd</sup>

Urb-Hackathon at Berytech from 9:00am to 9:00pm

### • March 3<sup>rd</sup>

Urb-Hackathon at Berytech from 9:00am to 1:00pm

Closing ceremony from 3:00pm to 5:00pm

(Presentations, Jury, Awards)



# JURY

## **Ms. Patricia Pizzorno Sardena**

Cheffe de projet du Laboratoire expérimental et des Workshops, Direction de la médiation scientifique et de l'éducation, UNIVERSSCIENCE, Cité des sciences et de l'industrie, France

## **Dr. Jean Magerand**

Paysagiste, Architecte, Urbaniste, Enseignant, PhD, Directeur de thèses en sciences de l'information et de la communication, Co-fondateur de l'Atelier International Expérimental pour la Cité bio-numérique, Chercheur laboratoire EVCAU, France

## **Ms. Claire Bailly**

Paysagiste, Architecte, Urbaniste, Enseignante, Co-fondatrice de l'Atelier International Expérimental pour la Cité bio-numérique, Chercheure laboratoire EVCAU, France

## **Ms. Celine Moyroud**

Country Director **UNDP**, Lebanon

## **Mrs. Rayya El Hassan**

Chairman-General Manager of Tripoli Special Economic Zone , Lebanon  
Former Minister of Finance , Lebanon

## **Mr. Ramy Boujawdeh**

Deputy General Manager of Berytech and Program Director of Agrytech, Lebanon

## **Eng. Wissam Tawil**

Head of Scientific Committee in the Order of Engineers and Architects of Beirut, Lebanon

## **Dr. Dima Jamali**

National Representative  
Global Compact Network Lebanon  
American University of Beirut, Lebanon

## **Dr. Ziad Nakat**

Senior Transport Specialist at World Bank with Transport and Information Technology Unit in the MENA region

# JUDGING CRITERIA

The submitted entries will be judged based on the following criteria:

- **IDEA VALIDATION**

- **HOW WELL THE GIVEN CHALLENGE IS SOLVED**

- **CLEAR VALUE PROPOSITION**

- **MARKET VALIDATION**

- **IMPACT**

Quality and quantity of impact that this project can have

- **INNOVATION**

The solution's creativity, originality and potential for sustainable smart cities

- **SUSTAINABILITY**

Usability and sustainability scalability across markets potential for revenue generation

- **PRESENTATION**

Good communication of the project concept through the Prototype and final Pitch.

## FOR MORE INFO, PLEASE CONTACT:

**E-EcoSolutions** | email: [info@eecosolutions.com](mailto:info@eecosolutions.com) | Tel: 961 9 856565  
**IPT Energy Center (IPTEC)** | email: [info@iptec.org.lb](mailto:info@iptec.org.lb) | Tel: 961 9 624 111 Ext. 741



REGISTER NOW  
[UrbHack.org](http://UrbHack.org)

Strategic Supporters

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