



Algiers Smart City Project

Live Experimental Lab & Technology Innovation Hub – Launch

Informational Document & Call for Comments

Algiers - April 26th 2018

Outline

- Algiers Smart City Project: Objectives, Achievements, Learning and Next Steps
- Algiers Smart City Live Experimental Laboratory – Goals and Baseline
- Algiers Smart City Technology Innovation Hub – Goals and Baseline
- Response and Comments Guidelines
- Next Steps

Submission Guidelines

- The goal of this document is to inform the community about the launch of the Algiers Smart City Experimental Laboratory and Technology Innovation Hub
- It also provides an opportunity for comments and suggestions from the community
- It is addressed to all parties that would potentially contribute to, and benefit from, the Algiers Smart City Project, and in particular the citizens of the city
- Proposals and comments shall follow the response template provided in this document
- **Responses shall be sent to “alg-smartcity.alger@wilaya-alger.dz” by 26/05/2018**
- **Questions in relation to submitting responses can be addressed to “alg-smartcity.alger@wilaya-alger.dz”**

Algiers Smart City Project: Achievements

- The project was launched in the Spring of 2017 and is in active phases of execution
- A call for collaboration was launched on July 15th 2017:
 - <https://drive.google.com/file/d/0By0w9DwTDqG8aGdEZUNGUVh5OGc/view>
 - <http://www.wilaya-alger.dz/fr/projet-alger-smart-city-appel-a-collaboration/>
- Over 150 responses were received from over 15 countries, including corporations, startups, R&D labs, law firms, financial institutions, advisory groups, etc.
- This has led to various partnerships initiatives with startups, technology corporations, incubators, R&D labs, etc. Development and commercial initiatives are ongoing.
- Engineering initiatives resulted in various in-house implementations (Cloud, Internet of Things, Artificial Intelligence, Blockchain, etc.) and led to early stage commercial applications and startups creation, incubation/acceleration, jointly with R&D labs and universities.
- A global conference has been planned for June 27-28 2018: www.smartcityalgiers.com, with the goal of bridging Algiers and the global technology and business communities.

Algiers Smart City Project: Learning and Challenges

- The Algiers Smart Project team has identified the following priorities to address
 - **Accelerate the linkage of the Algiers ecosystem with the global technology ecosystem:** Significant technology work is being conducted in startups, corporations and R&D labs in Algiers. However, when it comes to advanced technologies, there is a relative isolation from the leading technology clusters and corporations in the world. *Goal: Reduce Isolation*
 - **Optimized synergies between global technology companies and local technology ventures:** Advanced technology is in use within the various projects in Algiers, but there is a need for a more efficient technology transfer and technology partnership models, and as such tackle the technology dependency challenge. *Goal: Reduce Dependency*
 - **Increase the Confidence of the local ventures:** Local technology corporations and startups in particular having challenges scaling, and lacking the confidence in being able to build advanced commercial solutions. Optimizing the mentoring and funding ecosystem shall allow a better success ratio. *Goal: Increase Confidence*

Algiers Smart City Project: Ongoing Actions

- Focused on nurturing startups and supporting local incubators/accelerators on the engineering, business, partnership and funding angles
- Focused on bridging the technology ecosystem in Algiers with the local, regional and global technology and business community
- Focused on being a catalyst for a variety of initiatives in Algiers and a federating project for the various stakeholders in Algiers Smart City project, including the technology, business, government and others
- The execution plan moving forward will focus on addressing the identified challenges identified over the first 12 months of the project, with a focus on technology development, solutions experimentation and fast tracking startups growth
- In particular, the decision to immediate launch the following initiatives:
 - **(a) A Live Smart City Experimental Lab**
 - **(b) A Technology Innovation Hub**

Experimental Lab and Technology Hub Introduction



Source : googleEarth <https://www.google.com/maps/@36.7479314,2.9379673,24208m/data=!3m1!1e3>

Status:

- Launch stage April 2018

Ongoing and planned partnerships:

- With global technology and business experts
- With Algiers Smart City respondents to the Call for Collaboration
- With Government and Private stakeholders
- With Algeria and global based incubators and accelerators

Approach:

- Progressive deployment in collaboration with partners and stakeholders

Experimental Lab and Technology Hub Map

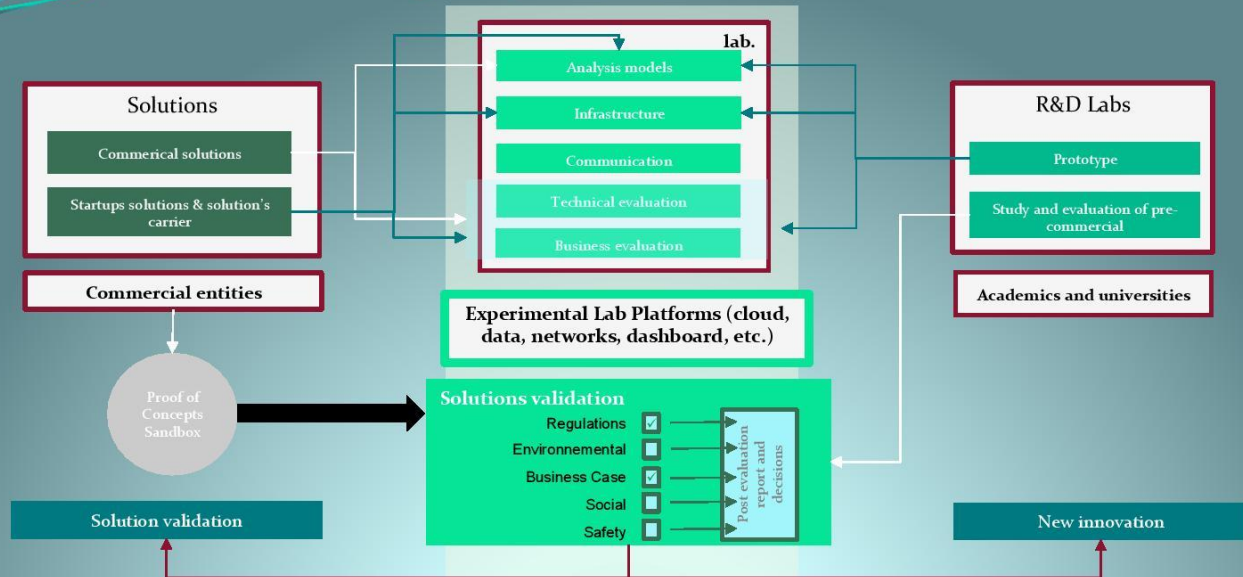


Wilaya of Algiers - Smart City Project

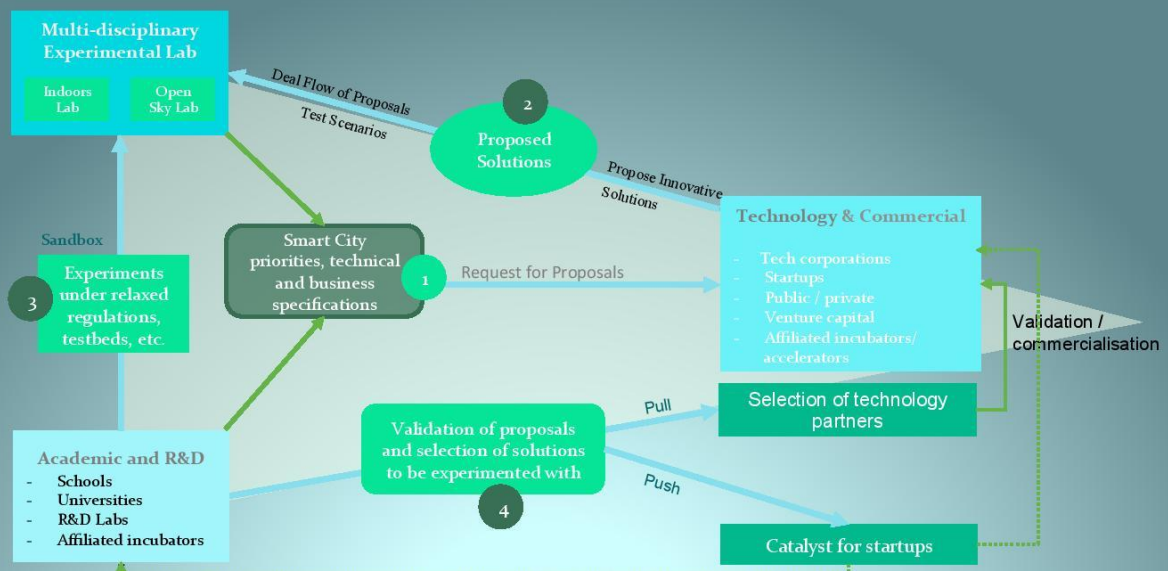
Algiers Smart City Experimental Lab: Goals

- Providing a live environment where select state of the art smart city solutions are tested, validated and experimented with, prior to launching at scale in the city
- Ensuring that lead global technology corporations and providers of advanced solutions are able to test their solutions, interact and work jointly with the technology value chain (startups, corporations, R&D labs, etc.)
- Providing a vehicle when live experiments lead to an evaluation and mastering of new technologies, in a relaxed regulatory environment. This as well as contributing to crafting an optimal regulatory framework and technology policy environment
- Providing R&D labs, universities, incubators, accelerators and startups with an environment to fast track their proof of concepts validation and access to customers

Algiers Smart City Experimental Lab – Baseline



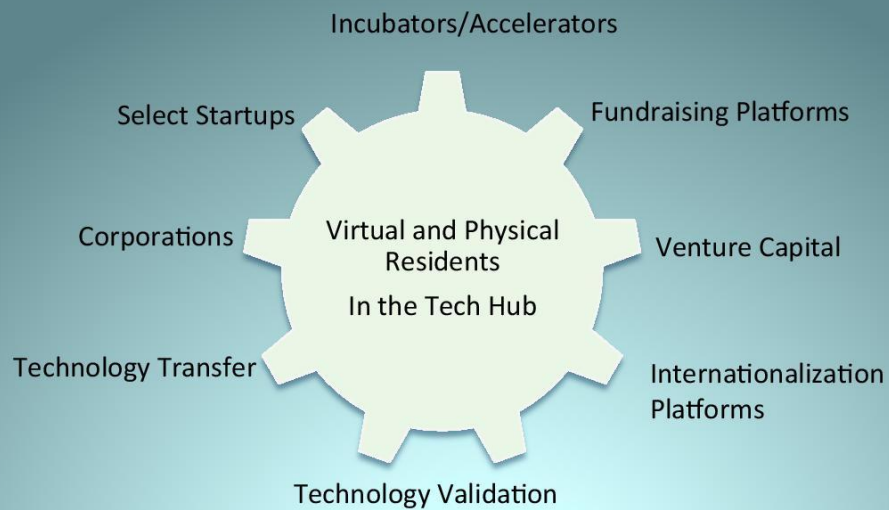
Algiers Smart City Experimental Lab – Baseline



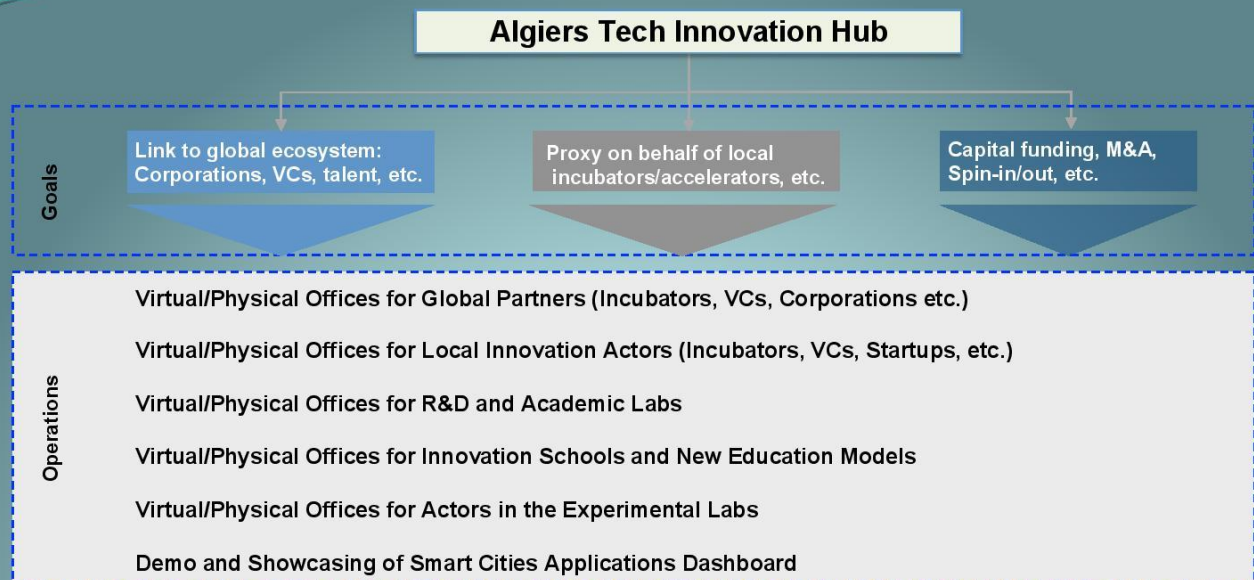
Algiers Smart City Technology Hub - Goals

- Providing a concentrated environment in a physical location, where the various actors of the global technology value chain interact, creating win-win synergies
- Providing a link to global/local corporations that would both enable and benefit the technology innovation and creativity value chain (e.g. startups, students, researchers)
- Providing a link to global/local incubators/accelerators and venture capital firms that would contribute to the development of an innovative culture (e.g. startups)
- Provide global mentoring, advise, funding and ingredients required for the success of incubators/accelerators and startups, as well as the remaining actors in the innovation and creativity value chain
- Acting as a bridge between the local technology players and the global technology and business community

Algiers Smart City Technology Hub – Baseline



Algiers Smart City Technology Hub – Baseline



Response Template

- **Brief presentation:** Provide a brief presentation of the entity elaborating the comments. There are no restrictions on the type of entities. It includes private and public companies, research and development laboratories, universities laboratories, local/regional/global entities as well as citizens
- **Comments:** Provide technical, business and process comments regarding the Algiers experimental lab and technology innovation hub
- **Technical and business needs:** Describe the specific technical and business needs that you may require from Algiers Smart City to enable an optimal experimental lab and technology hub, based on your own needs and views
- **Solution constraints:** Describe potential constraints of the solution (regulatory, technical, business, etc.) that need to be addressed to enable an optimal experimental lab and technology hub, based on your own needs and views

Next Steps

- Questions will be answered as received. A synthesis of responses to questions, when relevant, will be shared with the various parties if needed
- Based on the analysis of responses, selected parties will be invited for further discussions with Algiers Smart City team
- Some of the selected suggestions will be integrated in the design and operations of the experimental lab and technology innovation hub, with the goal of initiating the smart city experiments in 2H 2018
- This will be an iterative process learning from ongoing Algiers Smart City experiments and integrating the feedback from the community. Follow on information will be provided to guide contributors on how to participate
- Updates on progress and guidelines will also be provided during the Algiers Smart City Conference on June 27-28 – www.smartcityalgiers.com

Notes

- This call for comments and proposals is informational at this stage. It shall serve as a basis to initiate direct discussions between the city and solution providers as per the specified roadmap
- This call is not binding, and there is no guarantee of procurement of solutions until further evaluation steps are performed
- The information shared by the respondents is not under Non Disclosure Agreement, and shall be treated as such
- The information marked Proprietary and/or Confidential will also be analyzed and evaluated



Thank You

Algiers Smart City Team