

7 JULY 2016 RIXOS ALMATY

www.innovationforum.kz

INNOVATION  
FORUM 2016

ALMATY

the city comfortable for life and business



## V ALMATY INNOVATION FORUM

### “CREATING THE SMART CITY FOR BUSINESS & LIFE”

hosted by:

*The Office of the Mayor of Almaty city  
Autonomous Cluster Fund «Innovative Technology Park»  
Strategic Communications Agency «Success K»*

**7<sup>th</sup> of July, 2016**

*Rixos Almaty Hotel,  
Almaty, Kazakhstan*

**Draft PROGRAM**

**9.00 am – 10.00 am**

**Registration & Welcome coffee**

**“ALMATY – FUTURE VISION” installation**

**Venue:** Rixos Hotel hall

**10:00 am – 12:30 am**

**PLENARY SESSION: “ALMATY – SMART CITY FOR LIVING & DOING BUSINESS”**

**Venue:** Rixos Hotel Ballroom

*Is there an art of making cities attractive? Are there fundamental things that a city needs to ‘get right’ in order to be deemed full of life and opportunities, desirable to live in and work in? One way, to look at it is through the tech lenses of a ‘smart city’ concept. Almost every emerging city generates vast number of data points that could help understand how to make its citizens’ lives better, safer, more interesting and fulfilling: from transportation system and street surveillance cameras to mobile operators, healthcare, entertainment and many more. All of these can bring in crucial data and key insights into effective growth and governance of livable cities.*

- ❖ What are the existing best practices in mining and processing urban data?
- ❖ What can the data say about the city?
- ❖ What are the potential drawbacks and privacy issues? What does it look like –

the city of the future?

- ❖ Best experience and practices: Songdo IBD & Bristol is Open (TBD)
- ❖ **Eye on Almaty:** What are the main opportunities and challenges that Almaty faces today on its way to becoming a regional innovation and growth hub? What data mining and analysis infrastructure is currently available for city administration? What can be achieved in Almaty?

#### Opening remarks:

- **Karim Massimov**, Prime Minister of the Republic of Kazakhstan
- **Bauyrzhan Baibek**, Mayor of Almaty city (**confirmed**)

#### Speakers:

- **Zhenis Kasymbek**, Minister of Investment and Development (**confirmed**)
- **Dmitriy Pankin**, Chairman of the board, Eurasian Bank of Development, former Vice-Minister of Finance, Russian Federation (**TBC**)
- **Kenes Rakishev**, Chairman of the Board, «Kazkommertsbank»
- **Riccardo Marini**, Urbanist, Director «Gehl Architects» (**confirmed**)
- **Kim Sung-Hwan**, Head of Incheon Free Economic Agency, former Minister of Foreign Affairs and Trade of the Republic of Korea (**TBC**)
- **Gabriella Gomez-Mont**, founder and director of Laboratorio Para La Ciudad (**confirmed**)
- **Hugo Priemus**, professor emeritus in Housing, OTB Research Institute for the Built Environment, Delft University of Technology (**confirmed**)
- **Greg Lindsay**, Urbanist, Futurist, Co-Author of the «Aerotropolis: The Way We'll Live Next» book (**TBC**)

#### Moderator:

- **Sergey Stanovkin**, Head of Regional Offices BBC Kazakhstan, Russia, Azerbaijan, Armenia, Georgia, Iran, Kyrgyzstan, Latvia, Lithuania, Moldova, Uzbekistan, Tajikistan, Turkmenistan, Estonia (**confirmed**)

✂ CEREMONIAL LAUNCH OF "START-UP KAZAKHSTAN" PROGRAM

✂ MOA SIGNING CEREMONY

**12:30 pm – 2:00pm**

**LUNCH FOR FORUM PARTICIPANTS**

**2:00 pm – 4:00pm****Section 1****URBAN DEVELOPMENT 4.0: UNITING TECHNOLOGY, INNOVATIONS AND ARCHITECTURE***(fishbowl type discussion)***Venue:** Rixos Hotel

Diamond conference room №1

*What does the future hold for urban spaces? Rapid technological advancement in terms of materials, construction technology, planning software and even urban social life is constantly pushing the limits of what can be imagined and built in the city.*

- ❖ How might future cities build for people, and not the machines, look like? How can cities stay ahead of the game in the race of attracting creative and intellectual class?
- ❖ What are potential smart city implementations? What insights and solutions can big data (sensing cities) provide into making cities more livable?
- ❖ **Case study:** Almaty Urban Spaces Development plan by Gehl Architects
- ❖ **Eye on Almaty:** Almaty is one of the oldest and certainly the biggest city in Kazakhstan with the most recognizable brand features: hillside setting, urban gardens and fountains, apples and a number of early 20<sup>th</sup> century buildings. However the city lacks architectural and spatial consistency - the urban design code that could bring it all together and make the city appealing to tourists

**2:00pm – 4:00pm****Section 2****URBAN MOBILITY REDEFINED: NEW AGE OF TRANSPORTATION***(fishbowl type discussion)***Venue:** Rixos Hotel

Diamond conference room №2

*The cities are growing, so is the number of its inhabitants and with it, comes tremendous expansion of their transportation & mobility needs. Meanwhile, tech development and internet has forever changed the idea of mobility for millions of young people across the world.*

- ❖ How can the landscape of urban transportation be transformed towards people-oriented one?
- ❖ How will technology shape mobility needs of urban population?
- ❖ How can city administration respond to those emerging needs, especially considering the vast number of millennials coming of age?
- ❖ **Sharing the expertise:** Barcelona smart city transport systems (TBC)
- ❖ **Eye on Almaty:** There are over 750 thousand registered vehicles in Almaty all of which compound to around 80% of air pollution – one of the rising traffic related problems for the city, besides growing traffic jams and lack of parking spaces. How can city discourage the use of private cars in favor of public transportation, bicycling, walking or car-pooling without affecting urban mobility and thus efficiency?



and even comfortable and livable for current citizens.

**Speakers:**

**Zhenis Kasymbek**, Minister of Investment and Development **(TBC)**

**Almasbek Makezhanov**, Deputy Mayor of Almaty **(confirmed)**

**Dmitry Godunov**, Division on Technology and Logistics, UNCTAD **(confirmed)**

**Riccardo Marini**, Urbanist, Director «Gehl Architects» **(confirmed)**

**Nadine Bitar**, Executive director Placemaking.me, adjunct-professor American University in Dubai **(confirmed)**

**Michael Badics**, Director of AE Solutions, ARS Electronica division **(confirmed)**

**Ramil Muhoryapov**, founder of Chocofamily Group **(confirmed)**

**Ekaterina Miroshnik**, Director of Infrastructure Russia and Central Asia, European Bank of Reconstruction and Development **(confirmed)**

**Stuart Woods**, Vice-President, Geospatial Division at Leica Geosystems **(confirmed)**

**Moderator:**  
**TBC**

**Speakers:**

**Rumil Taufikov**, Deputy Mayor of Almaty **(confirmed)**

**Alexei Stakh**, General Manager for CIS, UBER **(confirmed)**

**Greg Lindsay**, Urbanist, Futurist, Co-Author of the «Aerotropolis: The Way We'll Live Next» book **(TBC)**

**Andrey Lavrentyev**, Chairman of the board «AllurAuto», President of the Association of Kazakhstani Auto Business, YPO member **(confirmed)**

**Sadir Khamrayev**, Director of the Transportation Holding of Almaty (Onay System) **(TBC)**

**David Gamarnik**, Professor of Operations Research, MIT Sloan School of Management **(TBC)**

**Horge Pérez**, Director I+ED LAB (Innovation and Education Lab) **(confirmed)** (or Section 3/4)

**Vera Leonova**, Deputy Director, Vysokovsky Graduate School of Urbanism **(confirmed)**

**Moderator:**

**Elena Yerzakovich**, project manager of UNDP-GEF Project «City of Almaty sustainable transport» **(confirmed)**

**2:00 pm – 4:00pm****Section 3****HUMAN CAPITAL: CREATIVE CITIES OF THE FUTURE****Venue:** Rixos Hotel  
Ballroom Left Stage

*London, Amsterdam, New York - what is in common between these cities? All of them are investing in the development of the creative class citizens, creating conditions for retention, attraction, and further development. In the cities of the future creative and intellectual culture is integrated into the organizational structure of all urban stakeholders, from public services to private entrepreneurs, from the city administration to the scientific and technological environment.*

- ❖ How can cities retain existing and attract new intellectual elite, i.e. creative class?
- ❖ What are the demands of creative class and innovative business towards cities of residence?
- ❖ **Eye on Almaty:** The city has already proven to be financial, economic and trade center of Kazakhstan and Central Asia. But Almaty has ambitious plans that go way beyond – becoming a startup Mecca of Asia, region's innovation, science and technology hub and creative hot spot for the best of minds.
- ❖ What are the main challenges and opportunities Almaty faces on the way to achieving these ambitious goals? What is the city administration's action-plan?

**2:00pm-4:00pm****Section 4****URBAN ECOSYSTEMS: SUSTAINABLE CITIES****Venue:** Rixos Hotel  
Ballroom Right Stage

*The growth of urban population and associated infrastructure including transportation, heating, electricity, waste management, sewage, etc. leaves a mark on surrounding ecosystems. The key to sustainable growth of livable cities is figuring out how to go green and efficient.*

- ❖ What are the main challenges in the development and implementation of urban clean technologies?
- ❖ How can smart city solutions in transportation improve ecological footprint of cities?
- ❖ Zero waste management
- ❖ **Eye on Almaty:** Air pollution is one of the biggest concerns for citizens of Almaty. City, once praised for its urban gardens, city fountains and mountainside paradise vibes might suffer from this very feature. The mountainous topography combined with growing motor vehicle exhaust, industrial production and skyscrapers construction prevents the city streets from breezing the air out as well as they used to, instead capturing the smog inside.
- ❖ How can Almaty keep on growing sustainably? What are potential solutions to the air pollution problem? How does the city administration plan to address it? Air is not the only Are

**Speakers:**

**Yerlan Sagadiyev**, Minister of Education and Science (**confirmed**)

**Arman Kyrykbayev**, Deputy Mayor of Almaty (**confirmed**)

**Juan Luis Morales**, Architect, Founder Atelier Morales, Professor Ecole Supérieure d'Architecture Paris La Villette (**confirmed**)

**Itai Sened**, Head, Boris Mints Institute for Strategic Policy Solutions to Global Challenges (**confirmed**)

**Andrey Sharonov**, Dean of Moscow School of Management «Skolkovo», former deputy Mayor of Moscow on economic policy (**TBC**)

**Timur Bekmambetov**, renowned director, producer, screenwriter, Founder and CEO of Bazelevs Group (**TBC**)

**Catherine Kavanaugh**, International expert on design thinking, Silicon Valley Innovation Center (**confirmed**)

**Nurlan Kiyasov**, Development Director, National University of Science and Technology MISiS, Russia (**TBC**)

**Yerbolat Dossayev**, Chairman of the board, National Management Holding «Baiterek» (**TBC**)

**Ron Arad**, industrial designer, artist, architect (**TBC**)

**Moderator:**

**Assylbek Kozhakhmetov**, President-Rector, Almaty Management University (AlmaU) (**confirmed**)

there any plans on implementing zero waste management programs?

**Speakers:**

**Yerlan Aukenov**, Deputy Mayor of Almaty (**confirmed**)

**Peter Gotsch**, Professor of International Urbanism, Consultant on Urban Strategic Innovation, Urban Researcher (**confirmed**)

**John R. (Grizz) Deal**, Executive Chairman & CEO, IX Power LLC and IX Power (**confirmed**)

**Vadim Kulikov**, Investor, Member of the board «CleanPET» (**confirmed**)

**Horge Pérez**, Director I+ED LAB (Innovation and Education Lab) (**confirmed**) (or Section 2/3)

**Hugo Priemus**, professor emeritus in Housing, OTB Research Institute for the Built Environment, Delft University of Technology (**confirmed**)

**Dr. Robert Salfenauer**, Senior Legal Counsel & associate at LANSKY, GANZGER + partner;

**Elizaveta Dubrovskaya**, Legal Counsel to LANSKY, GANZGER (**confirmed**) (or section №2)

**Orli Ronen Rotem**, Head of Urban Innovation and Sustainability Lab, professor at Porter School of Environmental and Social studies, Tel Aviv University (**confirmed**)

**Maxim Sarsenov**, founder of EcoTaxi (**confirmed**)

**Moderator:**  
(**TBC**)

<b>2:00 pm – 6:00pm</b> <b>INTERNATIONAL “STARTUP KAZAKHSTAN” COMPETITION</b> <i>Venue: Rixos ballroom center stage</i>
<b>4:00pm – 4:30pm</b> <b>Coffee break</b> <i>Venue: Rixos hall</i>
<b>4:30pm – 5:00pm</b> <b>MEDIA BRIEFING</b> <i>Venue: Rixos Diamond conference room 3</i>
<b>5:00pm – 5:30pm</b> <b>CLOSING REMARKS &amp; PHOTO SESSION</b> <i>Venue: Rixos hall</i>