



Astana
November 5

GOAL

Through the Forum, designate and approve Kazakhstan as a regional innovation hub that promotes ideas of digitalization and the 4th Industrial Revolution

CHALLENGES

- Create a digital bridge between Asia and Europe
- Create an interactive platform attracting international attention to Kazakhstan as a regional hub
- Present Astana Hub's ability to become a point of entry to the technological markets of Central Asia and EAEU countries
- Report on Kazakhstan's digitalization and demonstration of innovative potential

RESULTS

- Attraction of international IT-startups and investors to Astana Hub
- Experience exchange on digitalization with different countries
- Meeting possible business partners or future employees to promote IT-sector

PARTICIPANTS

Recognized technology experts, business leaders, government officials, digital professionals, scientists, and potential investors



1000+
visitors

(Over 300 invited visitors)



50+
countries

(Confirmed participants from 21 countries)



200+
B2B meetings

(Launching online on October 5)



200+
companies
executives

(Over 200 invited companies executives)



70+
Media, including
international

(Chief editors of over 20 foreign medias invited)



50+
investors

(13 Investors Confirmed)



30+
speakers

(28 confirmed)



30+
foreign startups

(Over 70 startups invited)

PROGRAMME. CONGRESS CENTER. PART 1



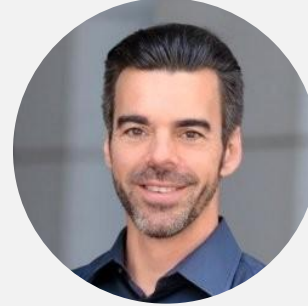
Time	Main Stage	Tech Stage	Plenary Session	Startup Stage	Business Meetings
9:00 - 10:00	Participants Registration				
10:00 - 10:20	Opening Ceremony and Presentation of Astana HUB				
10:20 - 13:00	Building Sustainable Startup Ecosystems.. Panel discussion: Challenges of of the VC Industry Participants in Nascent Startup Ecosystems Panel discussion. Building Sustainable Startup Ecosystems in Central Asia	Cybersecurity. Panel discussion: Adoption of the Cybersecurity Concept, the Definition and the Main Tasks	e-Government. Panel discussion. The Impact of New Information Technologies on the Development of e-Government	Semi-final of Astana Hub Battle. 100 startups. 1 minute. 1 slide	B2B Meetings 30 minutes each
13:00 - 14:00	Lunch Break for Participants, Networking				
14:00 - 15:00	Plenary session. Global Digital Economy Development Trends.				
15:00 - 15:15	Digital Bridge Awards Ceremony				
15:15 - 16:30	Keynote. Dirk Ahlborn: A New Way to Build Internet Companies in the 21st Century Keynote. Bob Dorf: The Startup Founder's Manual	Smart City. Keynote. Smart Cities of the Future Panel discussion: How Entrepreneurs Can Make Cities Smart and How Smart Cities Can Help Entrepreneurs	5th Meeting of the International Expert Board	Final of Astana Hub Battle	B2B Meetings 30 minutes each
16:30 - 17:00	Coffee Break				

PROGRAMME. CONGRESS CENTER. PART 2



Time	Main stage	Tech stage	Plenary session	Startup stage	Business meetings
16:30 - 17:00	Coffee Break				
17:00 - 18:30	<p>Entrepreneurs as Drivers of Innovation. Keynote. Jeff Hoffman: Entrepreneurship as a Career Choice Panel discussion: The Path of an Entrepreneur</p>	<p>Industry 4.0 Keynote: 5G Race. Smart Sensors & Remote Monitoring Panel discussion: Intelligent Production & Use of Artificial Intelligence in the Industry 4.0</p>	<p>Blockchain. Keynote. Cedric Waldburger: Economy Tokenization Potential in Central Asia Panel discussion: Using Blockchain Technology in Digitalization of Economy</p>	Open Microphone	B2B meetings 30 minutes each
18:30 - 18:45	Astana Hub Awards Ceremony				
18:45 - 19:00	Astana Hub Battle Awards				
19:00 - 19:30	Closing Remarks				
19:30 - 21:00	Cocktail & Networking				

PLENARY SESSION. DISCUSSION OF GLOBAL TRENDS OF DEVELOPMENT OF THE DIGITAL ECONOMY (SPEAKERS CONFIRMED)



Moderator

BAKYTZHAN SAGINTAYEV

Prime Minister of the Republic of Kazakhstan

JÜRI RATAS

Prime Minister of the Republic of Estonia

BOB DORF

American businessman, author of a number of bestsellers on startup topics

JF GAUTHIER

CEO of Startup Genome

DIRK AHLBORN

CEO of Hyperloop Transportation

RICK RASMUSSEN

Head of startup programs at UC Berkeley

History of the Kazakhstan's digitalization

The main directions of digitalization

The first results of the "Digital Kazakhstan" program

Expectations and prospects

The history of Estonia's success in digitalization the economy

Factors that have influenced the success of reforms

Lessons that can be learned by other states

The successes of the Kazakhstan in the field of digitalization is an example for other countries

Global trends of digital entrepreneurship

Potential of Kazakhstan on the global market

Change in the worldview of people and switching to the digital economy

Digital barriers to the development of the digital economy at the global level

Creative industries as a driver of the digital economies of states

Waves of technological innovation in the US

Professions of the future

Vectors of development

Blockchain technology to change most industries

Crypto currency as an alternative to gold

Building IoT of connected cities

Development of digital government

The role of e-government and e-participation

Sustainable Development Goals

- 1) On September 29, all relevant committees are sent an invitation to submit suitable candidates. Collection of applications on the special landing page on the web-site Digitalbridge.kz runs from October 1 to October 20
- 2) October 22-23, the expert commission will select 5 candidates in each category
- 3) On October 24-25, the Jury of the Award will choose 1 winner in each category

AWARDING



**BAKYTZHAN
SAGINTAYEV**
Prime-Minister of the
Republic of Kazakhstan



JÜRI RATAS
Prime-Minister of the Republic
of Estonia



DIRK AHLBORN
Hyperloop
Transportation CEO

DIGITAL BRIDGE AWARDS NOMINATIONS



SPEAKERS AND PARTICIPANTS



BAKYTZHAN SAGINTAYEV
Prime-Minister of the
Republic of Kazakhstan



ASKAR ZHUMAGALIYEV
Deputy Prime-Minister of the
Republic of Kazakhstan



DAUREN ABAYEV
Minister of Information and
Communications of the
Republic of Kazakhstan



DANIL KERIMI
Head of IT and Electronics
Division, WEF



ROBERT FARISH
IDC Vice President in the CIS and
Russia



BRUNO LANVIN
Executive director,
INSEAD



BURGHARD SCHIEL
Chairman of the Fraunhofer Institute advisory
council for Automation and Production
Management



IVAR TALLO
Founder of the
e-Governance Academy

DISCUSSION TOPICS

- Digitalization of economic sectors
- Inclusion of the business sector in the digitalization of the country

PARTNERS

The "Digital Kazakhstan" program provides an innovative ecosystem in which the state will be the main catalyst for the processes. Work is underway to create conditions for the development of technological entrepreneurship and innovations with stable horizontal links between business, scientific sphere and the state. At the same time, the state should act as an ecosystem catalyst, capable of generating, adapting and introducing innovations into production.

SPEAKERS



ASKAR ZHUMAGALIYEV

Deputy Prime-Minister of the
Republic of Kazakhstan



VASILY KHMELNYTSKY

Founder of K.Found
First Vice-President of the Ukrainian Union of
Industrialists and Entrepreneurs



BOB DORF

entrepreneur, consultant and
mentor of Startup Academy



JF GAUTHIER

Startup Genome
CEO

PROGRAM

- Panel discussion. **Challenges of participants of the venture investment industry in young start-up ecosystems**
- Panel discussion. **Construction of sustainable startup ecosystems in Central Asia**

Global Entrepreneurship Monitor 2017/18 shows that the number of entrepreneurs in the world is increasing, Kazakhstan is ranked 26th in terms of entrepreneurial activity. According to the GEM 2017/18 global report, about 74% of entrepreneurs around the world said they started doing business in order to realize the business opportunity, and not because of the need to earn money. For the development of digitalization it is important to stimulate the growth of the number and quality of entrepreneurs in Kazakhstan.

SPEAKERS



PATRICK BOSTEELS
Founder and Managing
Partner of Stage-Co



STEFAN KUSTER
Head of Tech Nation International
Consulting



CRAIG SMITH
Dhahran Techno Valley
CEO



MARK PENZEL
Executive Director, Startup
Genome

PROGRAM

- Report. **Entrepreneurship as a career choice**
- Panel discussion. **Entrepreneur's journey**

Industry 4.0 is the production side in which household items, from cars to toasters, will be connected to the Internet. How will this affect the development of the digital economy and what trends will be in this direction?

SPEAKERS



ZHENIS KASSYMBEK
Minister for Investment
and Development of the
Republic of Kazakhstan



MARVIN LIAO
Partner, 500 startups



JOSE ACHACHE
Executive director, AP-Swiss



ALIYA PROKOFIEVA
Founder and owner of the
private space company
Galaktika (Galaxy)

PROGRAM

- Report. **5G Race. Smart sensors and remote monitoring**
- Panel discussion. **Intelligent production and use of artificial intelligence in the industry 4.0**

Leading experts of the blockchain industry from around the world will talk about their successful experience of using technology in the most relevant areas for the region.

SPEAKERS



CEDRIC WALDBURGER
Tenderloin Ventures CEO



ADRIEN HENNI
Co-founder of East-West
Digital News



NITIN MITTAL
Senior Business Development
Manager in Amazon



ELCO VAN DER ENDEN
PwC, Partner

DISCUSSION TOPICS

- Panel discussion. **Use of Blockchain technology in the digitalization of economic sectors.**
- Report. **Potential of Central Asian economy tokenization**

PARTNERS:



The concept of Smart City is being implemented in the 5 largest cities of Kazakhstan. Based on international standards, Kazakhstan has developed and approved its own national standards in the field of Smart City. They regulate uniform requirements for fundamentally new opportunities for centralized management of urban processes, including a high level of security and services, through innovative solutions in energy saving, housing and communal services, transport, education, health, environment and information technologies.

SPEAKERS



DAUREN ABAYEV

Ministry of Information and
Communications of the
Republic of Kazakhstan



BAKHYT SULTANOV

Akim of Astana



XAVIER NIEL

Founder of Station F and Iliad
Telecommunications Group



DIRK AHLBORN

Hyperloop
Transportation CEO

DISCUSSION TOPICS

- Report. **Smart cities of the future**
- Panel discussion. **How entrepreneurs can make cities smart and how smart cities can help entrepreneurs**

PARTNERS



Cybersecurity: how to protect innovation from criminals. It is about how much Internet users are vulnerable to cybercrime and whether it is possible to fight this problem at the level of companies and the state.

SPEAKERS



RAFAL ROHOZINSKI
SecDev group CEO



NATALYA KASPERSKY
InfoWatch Group CEO



DAN LOHRMANN
CSO in Security Mentor

DISCUSSION TOPICS

- Panel discussion. **Adoption of the Cybersecurity Concept, the definition of the main tasks**
- Report. **Analysis of the current situation of the countries most vulnerable to cyberattacks**

PARTNERS

STARTUP COMPETITION - ASTANA HUB BATTLE



- 1) The collection of applications on the site Digitalbridge.kz begins on September 25
- 2) The Expert Committee of Astana Hub selects 100 startups from all applications submitted before October 19 via the site Digitalbridge.kz
- 3) On November 5 from from 10:20 to 13 on the Startup stage there will be the semifinal. Teams pitch for 1 minute using 1 slide. From 14:00 to 15:00 the international jury selects 10 start-ups, which will be presented in the final, adhering to the quota of at least 5 start-ups from Kazakhstan.
- 4) In the final, the teams will have 5 minutes to submit the project and 5 minutes to the questions and answers from the jury
- 5) On November 5 from 18:50 to 19:00 the competition sponsor's representative will announce 3 winners

PRIZE FUND



\$25,000

for the 1st place



\$10,000

for the 2nd place



\$5,000

for the 3rd place

PARTICIPANTS



SEMI-FINAL

100+ >
start-ups

FINAL

10 >
startups

3
winners

POTENTIAL RESULTS

- Announcement of transactions with corporations and public sector
- Attraction of new IT startups in Astana Hub
- Attraction of international investors
- Voting of the audience for the title of the best start-up

The selection procedure is as follows :

- 1) The collection of applications on a special landing page on the website of Astana Hub begins on October 1
- 2) The Expert Committee for Astana Hub selects 5 startups in each of the categories from all applications submitted before October 19 via the website Astanahub.com
- 3) From October 19 to November 1, there is an online vote of 5 jury members: one representative from MIC , Zerde and Astana Hub, as well as 2 independent experts active in Kazakhstan. The voice of the jury representative, who has a direct interest in the start-up contestant, is not taken into account
- 4) On October 20, the list of nominees on the website of Astana Hub is announced. They are sent an official invitation to the event with the request of the presence of at least one of the founders
- 5) On November 5, during the award ceremony, the honorary guest of the event (Bob Dorf or representative of the government of Kazakhstan) presents the company statuettes to the winners.

NOMINATIONS



**TECHPRENEUR
OF THE YEAR**



**DISCOVERY OF
THE YEAR**



**BEST
TECHNOLOGY
STARTUP**



**BEST
IT-PROJECT
FOR PUBLIC
SECTOR**



**BREAKTHROUGH
OF THE YEAR**





**THANK YOU FOR
YOUR
ATTENTION!**