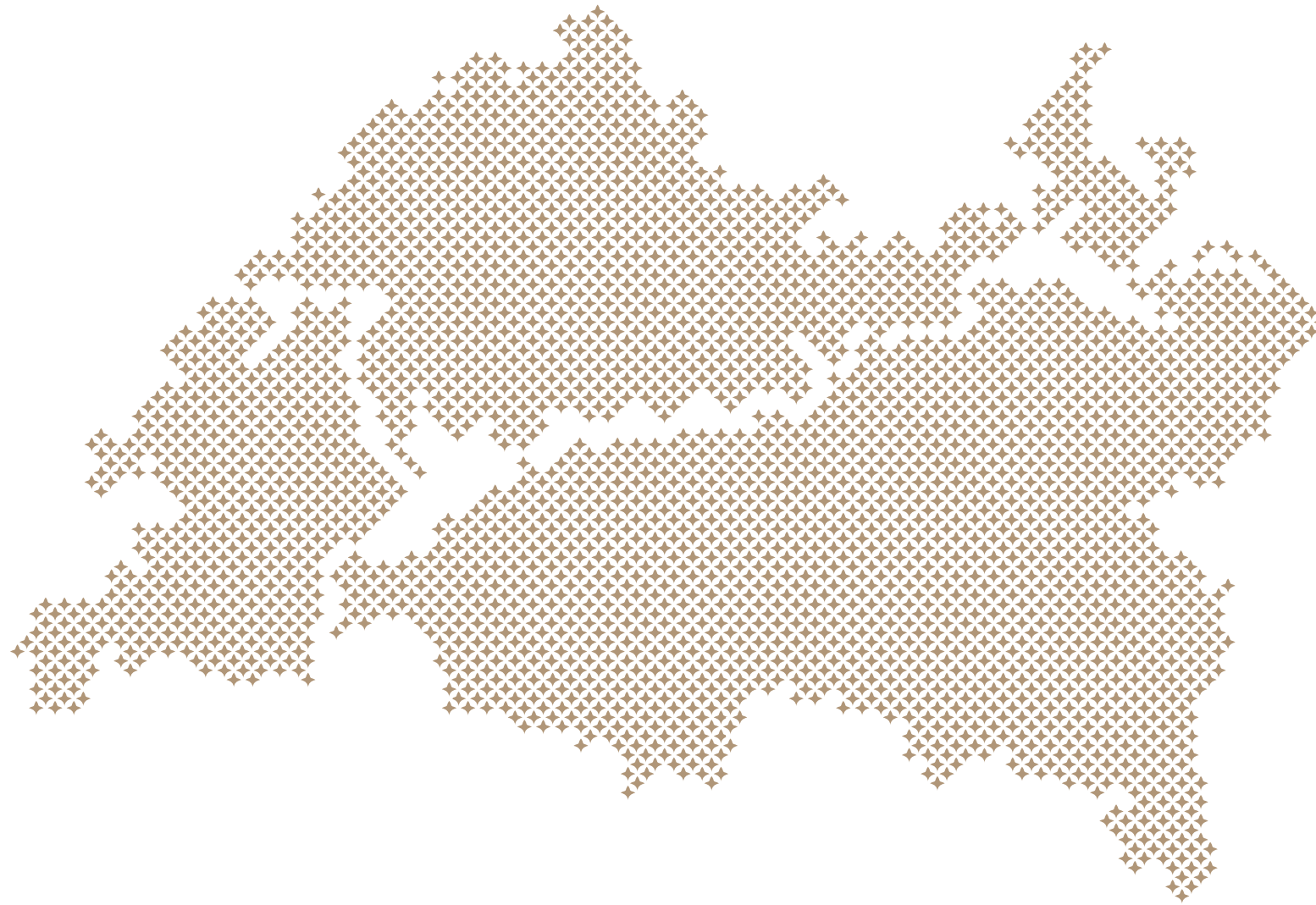




REPUBLIC OF TATARSTAN



# IT potential of the Republic of Tatarstan

*Roman A. Shaykhutdinov  
Deputy Prime Minister,  
Minister of informatization and communications Republic of Tatarstan*



# Components of success for IT potential of the Republic of Tatarstan

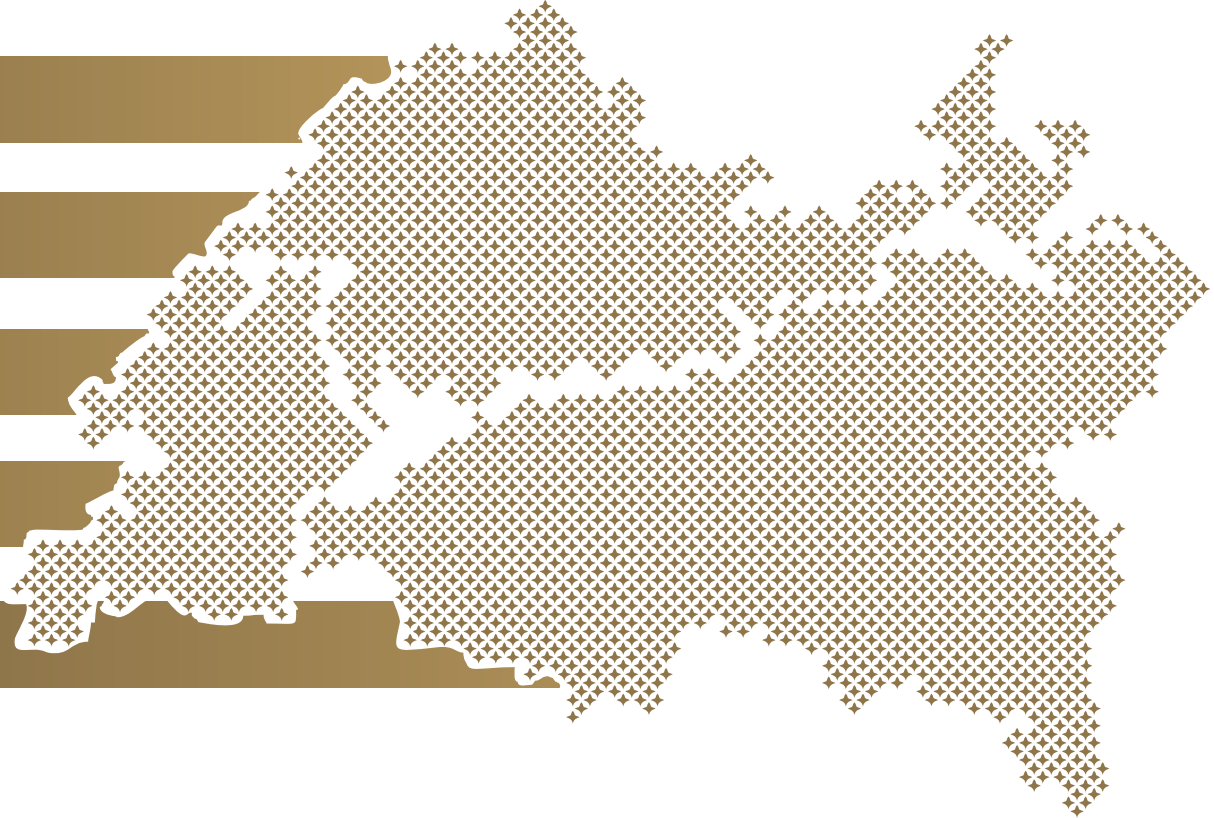
★ Telecom development

★ E-government and e-services

★ IT education

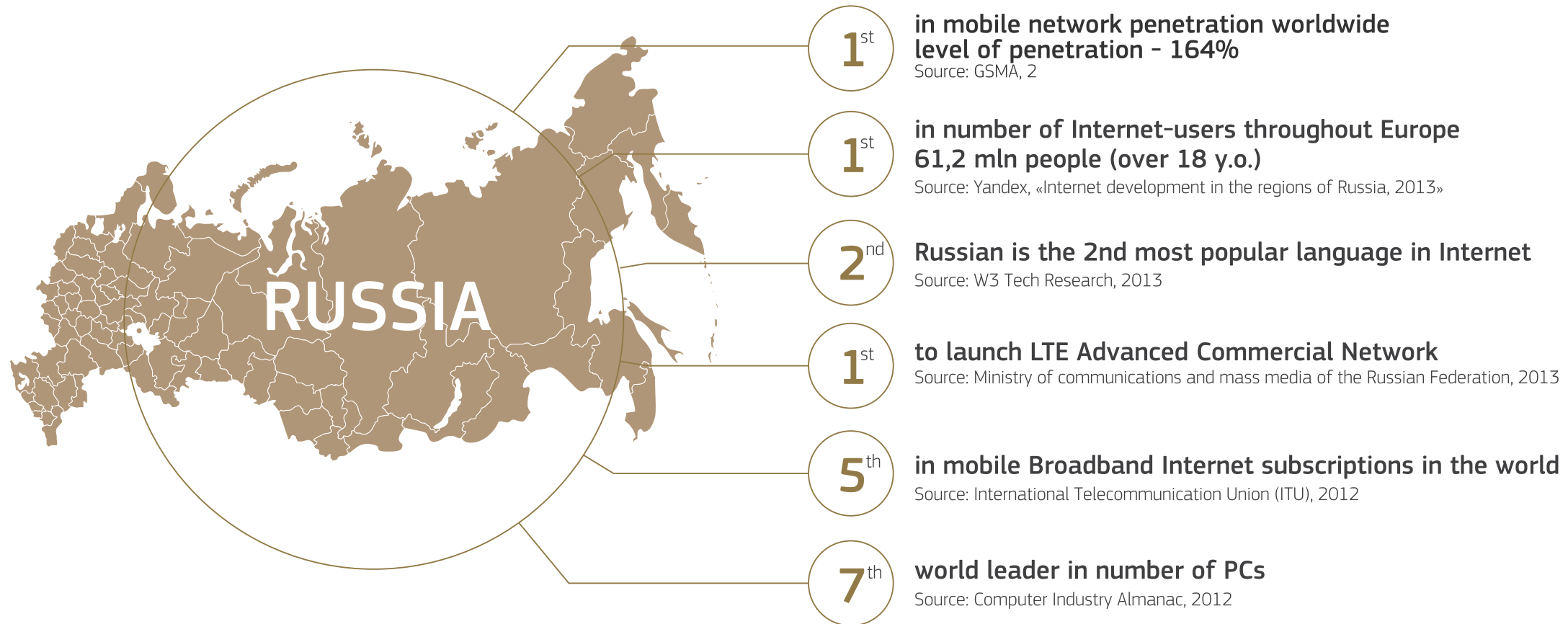
★ IT parks & clusters

★ Innopolis





# Information communications technologies (ICT) in Russia





# ICT Infrastructure of Tatarstan

(among Russian regions, CIS and Eastern Europe)

**170%**

mobile penetration level

**85%**

3G access available in all areas of Tatarstan

**73%**

Broadband Internet access availability





# E-Services Infrastructure

## Self-service Terminals

314 terminals



## E-portal for state & municipal services

[uslugi.tatarstan.ru](http://uslugi.tatarstan.ru)

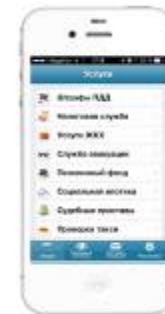
Over 1,1 mln. accounts



## Mobile Application

«E-services in Tatarstan»

61 000 downloads



## Call-center

(24/7)  
5-114-115

670 000 applications for 2013





# State & Municipal E-services

2 e-services are provided per 1 sec – the average service rate

**3 300 000**

e-services monthly:

**2 400 000**

tax debt requests, administrative violations, executory process requests, kindergarten queue status etc

**330 000**

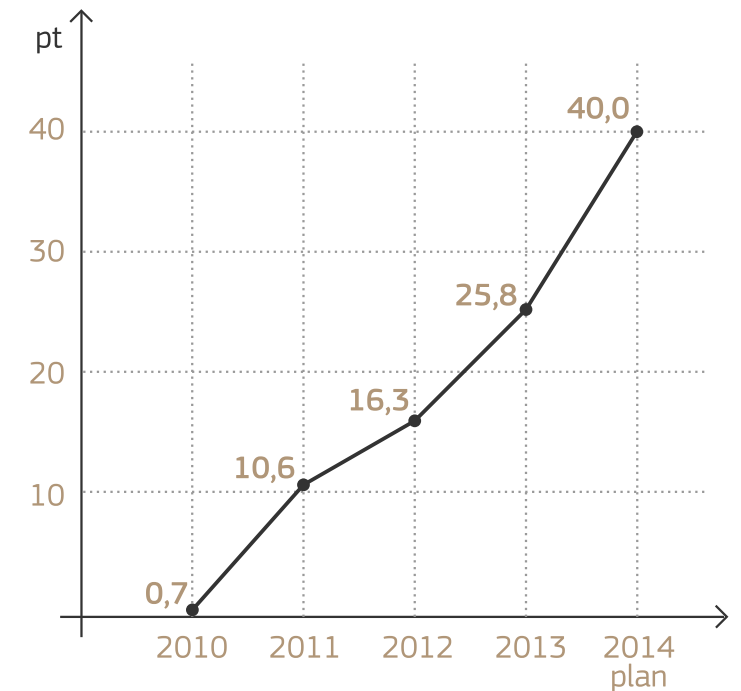
medical appointments, Land Registry Office appointments, Social Insurance Office appointments etc

**350 000**

Road Traffic Inspection fines, tax payments, state customs payments, public utilities payments etc.

**220 000**

e-applications for marriage registration, for kindergarten admission, for foreign passport issuance, various data requests from the State Registration Chamber etc.





# E - services


## Achievements:

**19 000 000** hours  
monthly save Tatarstan citizens through e-services provided  
(there is no more need to visit banks, state departments & offices)

**2 500 000 000** rubles  
social & economic result from E-Services offered in 2013

**3 000 000 000** rubles  
expected social & economic result from E-Services offered in 2014

 **96,3%** e-applications for marriage registration

 **65 %** tax, customs, fines and other e-payments

 **60%** e-applications for kindergarten admission

 **33 %** Road Traffic e-fines

## Time saving:

- e-payment or e-application – saves **1** hour
- e-queue – saves **2** hours
- e-request for information – saves **30** min



# E-education in Tatarstan

**900 000**

users of E-Education System

**45000**

laptops are provided to all Tatarstan school teachers

**11000**

wi-fi points are installed at schools

**2,7**

mln. e-registrations to kindergartens & schools

**600**

schools are interconnected via fiber-optics

## E-Education infrastructure in Tatarstan:

**100%**

Schools equipped with up-to-date computers classes  
(16739 computers and 397 mobile classes)

**85%**

pupils study in 601 schools with fiber-optics interconnection  
provided (where 100% schools with over 150 pupils total)

**85%**

wi-fi coverage in all schools where more than 6 teachers work  
(9 103 wi-fi points)

**100%**

school grades & e-reports are available  
at [www.edu.tatar.ru](http://www.edu.tatar.ru)





# Innopolis University

Innopolis University is a first educational institution of Russia specializing exclusively in modern information technologies

## Education and research site

The first University of Information Technologies in Russia will ensure training of future employees of leading Russian and international companies. Modern teaching methods developed in cooperation with Carnegie Mellon University, and international environment of communication will allow to create prestigious higher educational institution in the international market of IT education that will be capable to successfully compete with recognized leaders of educational ratings.



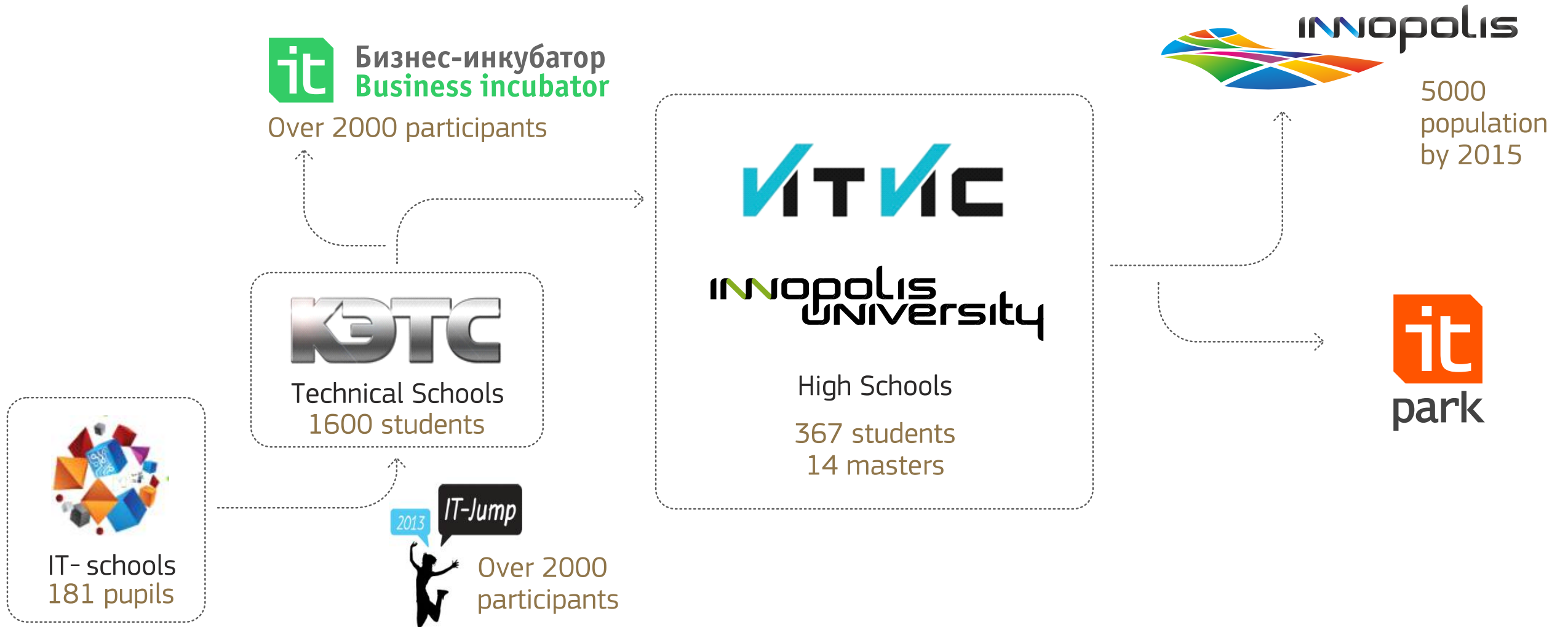
**1 001** pupils  
Number of students,  
2014

**5 000** pupils  
Prospective number  
of students,

**31 158** m<sup>2</sup>  
Total area perspective  
of expansion up to  
50,000 m<sup>2</sup>



# IT- ecosystem of Tatarstan





## E-health care

**70 000 000**

images are stored in the central e-archive of medical snapshots

**3 800 000**

e-medical histories of all Tatarstan inhabitants  
(including migrants, foreign students and newborn)

**36 000**

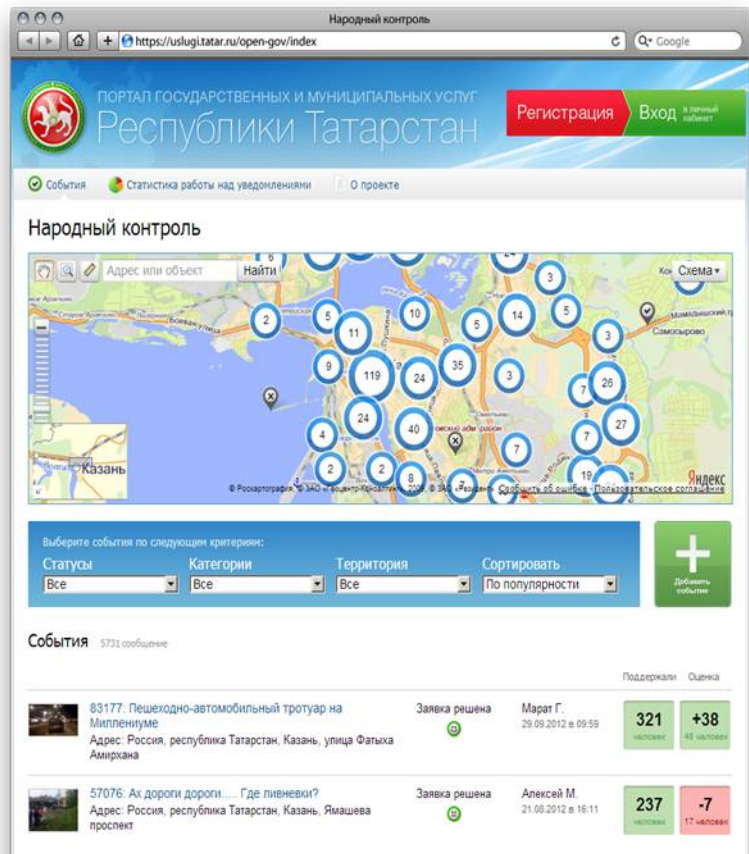
users among medical staff

**13 000**

working stations are equipped with PCs



# Public control



## OBJECTIVE:

Involve citizens in solving common municipal problems.  
Online control over performance of state & municipal departments.

## HOW IT WORKS:

Every citizen may point out a problem, specifying its location and providing photo evidence.

Every citizen may support the published online problems and vote for their solution.

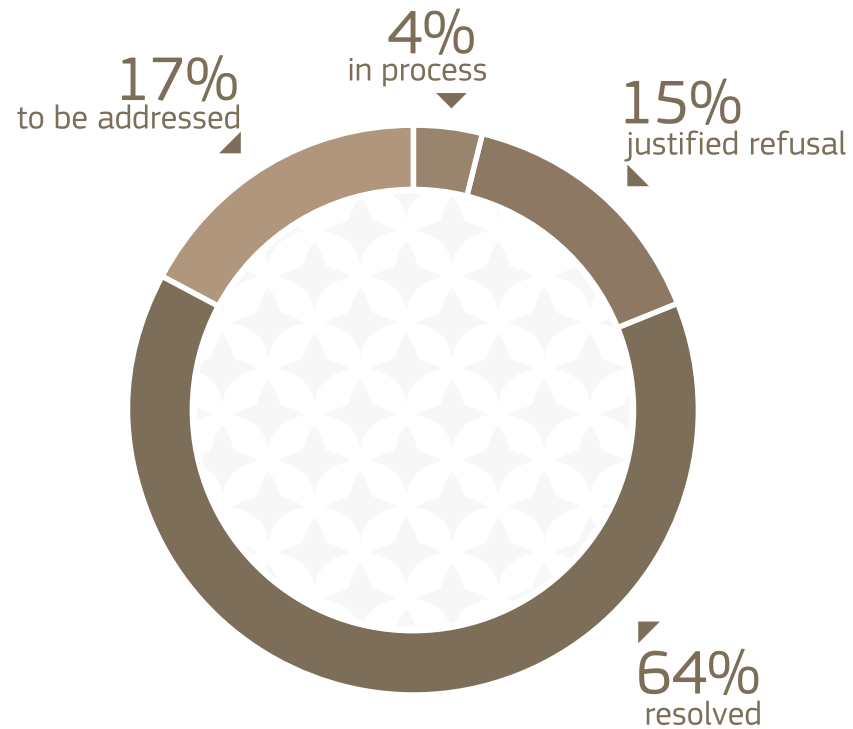
## RESULT:

Citizens are involved in state & municipal budgeting.

E-petitions.







# Public control



43 6214 people supported the published requests  
 28 649 requests satisfied as from April 2012  
 22 5508 comments

Users may assess the performance of municipal employees.

	<b>553484: Illegal deforestation within Kazan limits.</b> Location: Russia, Republic of Tatarstan, Kazan city, Privolzhsky Area, Orenburgsky Tract.	Application resolved 	Денис К. 19.02.2014 в 11:01	<b>336</b> человек	<b>-45</b> 47 человек
	<b>83177: Pedestrian &amp; automobile pavement next to the Millennium Bridge.</b> Location: Russia, Republic of Tatarstan, ulitsa Fatykha Amirkhana.	Application resolved 	Марат Г. 29.09.2012 в 09:59	<b>322</b> человек	<b>+75</b> 93 человек

Application Rating

No of supporters

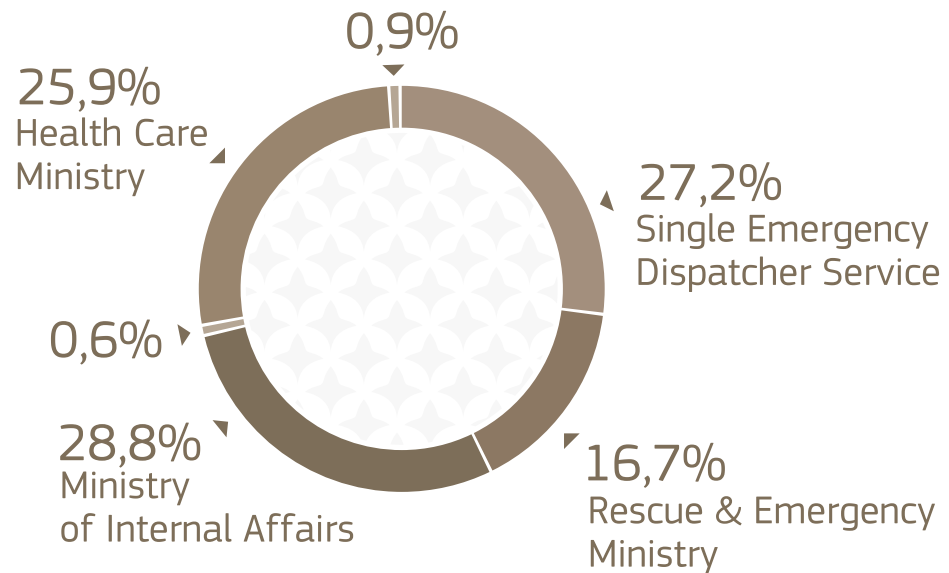


# Emergency & Rescue Service 112

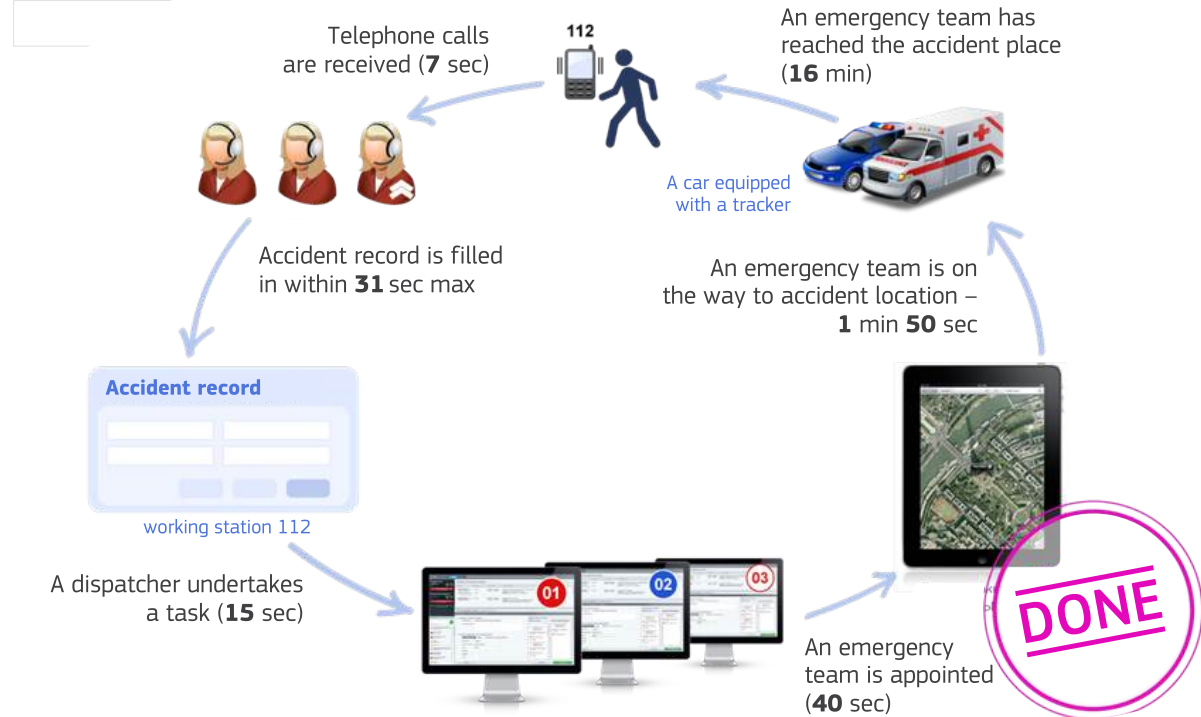
Within 3 quarters of 2014 are received:

**1 140 450** telephone calls

**3 269** sms messages



Improvement of Emergency service responsiveness - up to **3 min** only.

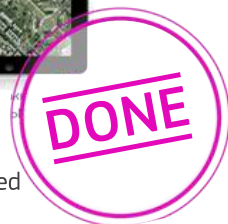


## Kazan Call Center

(loading 24%) 6-8 working stations out of 30 are operated

## Chelny Call Center

To be commissioned in December 2014





# Glonass +112

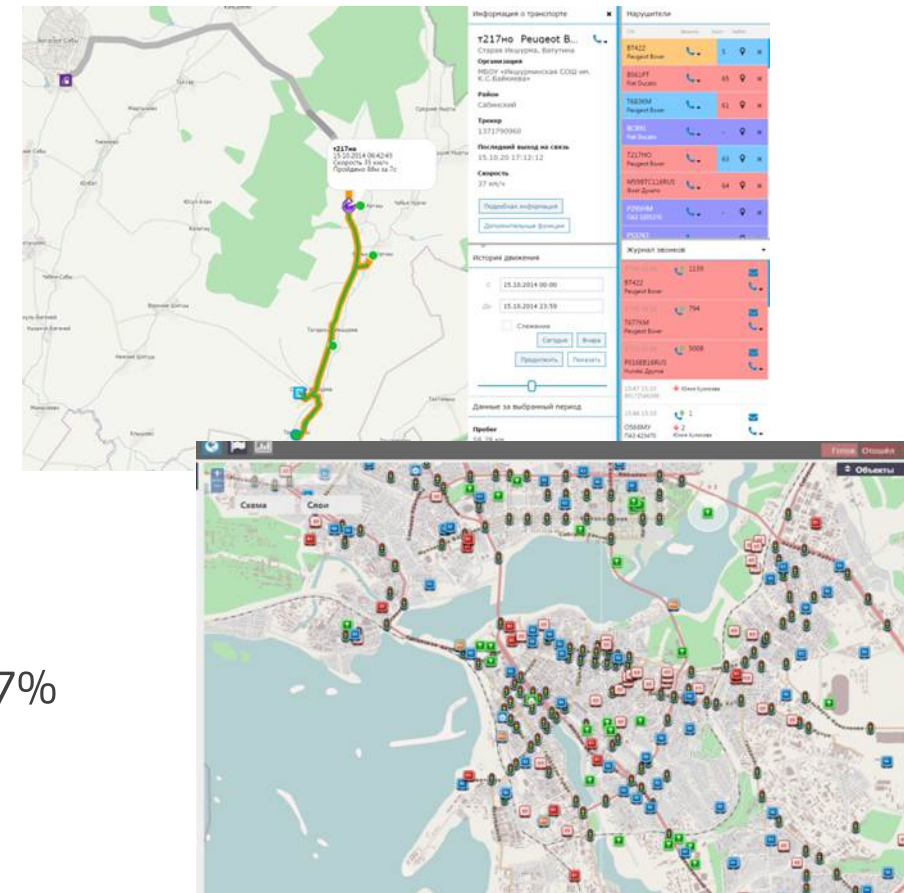
7 985

vehicles are interconnected to GLONASS + 112 monitoring system, Including:

- 79 % of emergency transport (3753 out of 4763);
- 100% of the Tatarstan Cabinet vehicles (322 out Of 322);
- 100 % of school buses (682 out of 682);
- 100 % of intermunicipal buses (475 out 475).

## Result:

- ◆ Reduction of road accidents, where school buses are involved, by 97%
- ◆ Reduction of time required for Emergency Services to reach the accident place by 20%
- ◆ Fuel expenditure reduction by 20%





# E-document exchange

An integrated interdepartmental e-document exchange in the Republic of Tatarstan is a universal storage of all e-documents of all state & municipal departments...

Objective is to provide 100% access to e-document exchange to all state & municipal employees.

- ◆ 3900 entities
- ◆ 9,9 mln.documents of total volume 17,1 Tb (2006-2014)
- ◆ 20,1 mln. resolutions
- ◆ Daily +7,5 additional new 7,5 documents & 16 000 resolutions
- ◆ Over 4400 users
- ◆ Over 3,3 mln initial e-documents







# IT Park

IT-Park is a ground for IT-business.

**815** mln rubles  
Tax deductions

**5,8** bln rubles  
Total revenues of companies-residents

**29** years  
Average age of employees

**2** IT Parks:  
in Kazan and Chelny cities

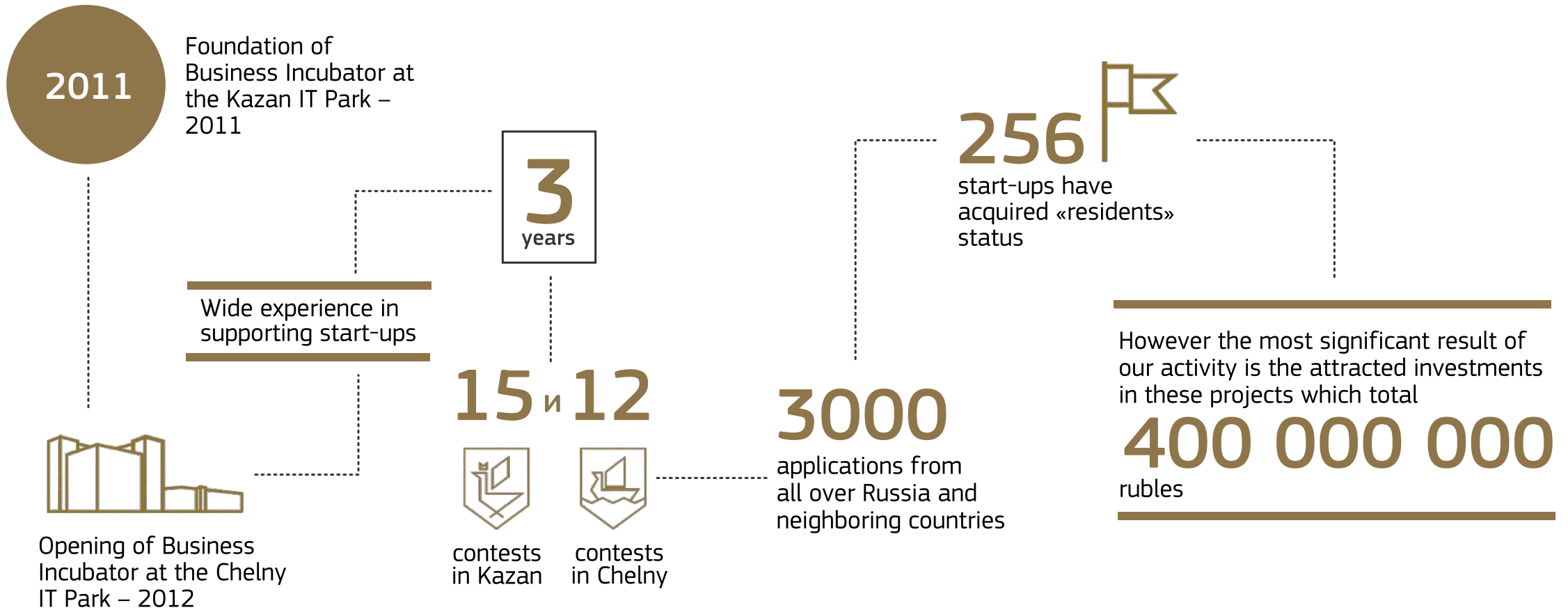
**3 772** employees

**140** companies





# IT-Park





# Innopolis – future IT capital of Russia.

Innopolis is a new Russian city with a unique ecosystem comfortable for life, work, study and recreation.

## Innopolis infrastructure

### Business:

Technoparks, development centers

### Education:

First IT-University in Russia

### Accommodation:

Townhouses, apartments

### Social:

Schools, nurseries, sports complex, shopping and hotel complexes





REPUBLIC OF TATARSTAN

# Innopolis



**Thank you for your time!**