



UkraineInvest
Your Investment Matters

UKRAINE'S IT INDUSTRY

Overview

NOW ^{ua}
Ukraine



Kyiv, Ukraine
June 2020

GLOBAL TECH TRENDS



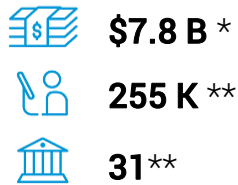
SOURCE: Accenture Technology Vision 2019: Full Report

REGIONAL IT MARKET

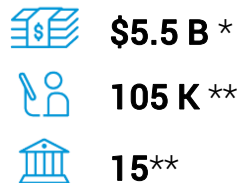
Overview

Ukraine, Poland, Belarus and Romania together present a formidable competition to other development hot spots

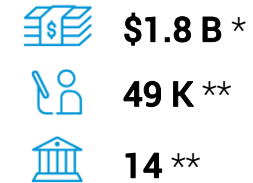
Poland



Romania



Belarus



Ukraine



IT export

IT specialists

tech universities & colleges

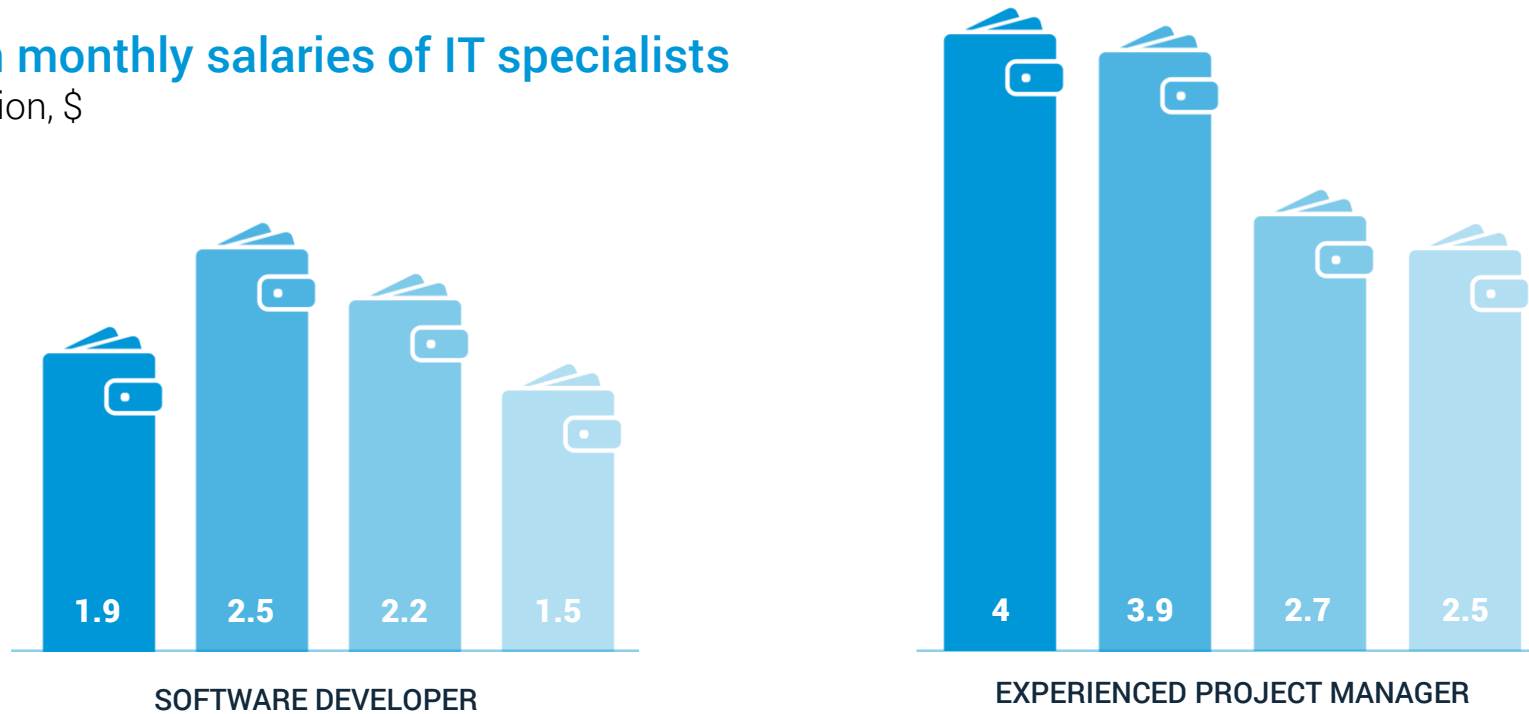
* for 2018

** for 2017

SOURCE: Trade map – International Trade Statistics, “Software Development in Ukraine, Poland, Belarus and Romania in 2019” report by Aventures, Aventis Capital, Capital Times, Tech Ecosystem Guide to Ukraine 2019 by Unit City

IT SPECIALIST COST in the region

Median monthly salaries of IT specialists in the region, \$



Ukraine



Poland



Romania



Belarus

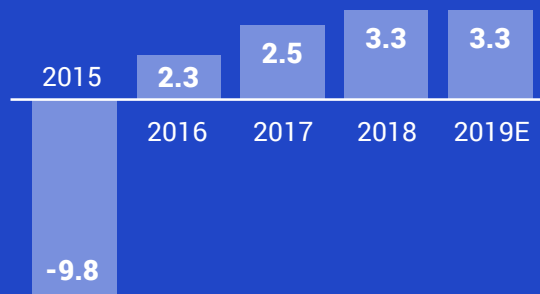
SOURCE: "Software Development in Ukraine, Poland, Belarus and Romania in 2019" report by Aventures, Aventis Capital, Capital Times, jobs.dou.ua

UKRAINE: PREDICTABLE & STABLE EMERGING MARKET

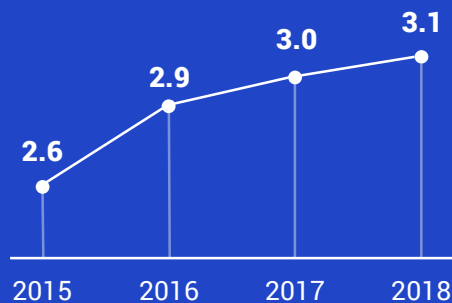
5

In 2018 Ukraine demonstrated **THE MOST RAPID GROWTH** In the past 7 years

GDP Growth, %
(comparing to respective
period in previous year)



**EBA Investment
Attractiveness Index**
(index, as at year end)



**Ease of Doing
Business Index by WB**



SOURCE: World Bank, State Statistics Service
of Ukraine, Dragon Capital

“UKRAINE IS OPEN FOR BUSINESS
because of **THE SUCCESS OF REFORMS”**

EBRD President Suma Chakrabarti, in Davos 2019

Ukraine in GLOBAL INNOVATION INDEXES



Good Country Index
Category Science & Technology



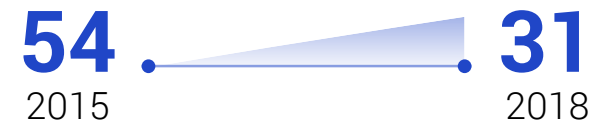
European Innovation Scoreboard Ranking



Startup Ecosystems Blink Ranking



Global Open Data Index



Global Innovation Index



INNOVATION TECHNOLOGIES in Ukraine

7

The ITC industry is among the country's **FASTEST GROWING** industries and **A MAJOR DRIVING FORCE** of Ukraine's economy



the **2nd**

largest export
service industry



> 4,000

tech companies



184k +

software developers
(the number is
expected to rise to
250k by 2025)



100 +

Fortune 500
companies have
chosen Ukrainian
IT services



\$ 337 M

total value of
venture capital
deals in 2018



18

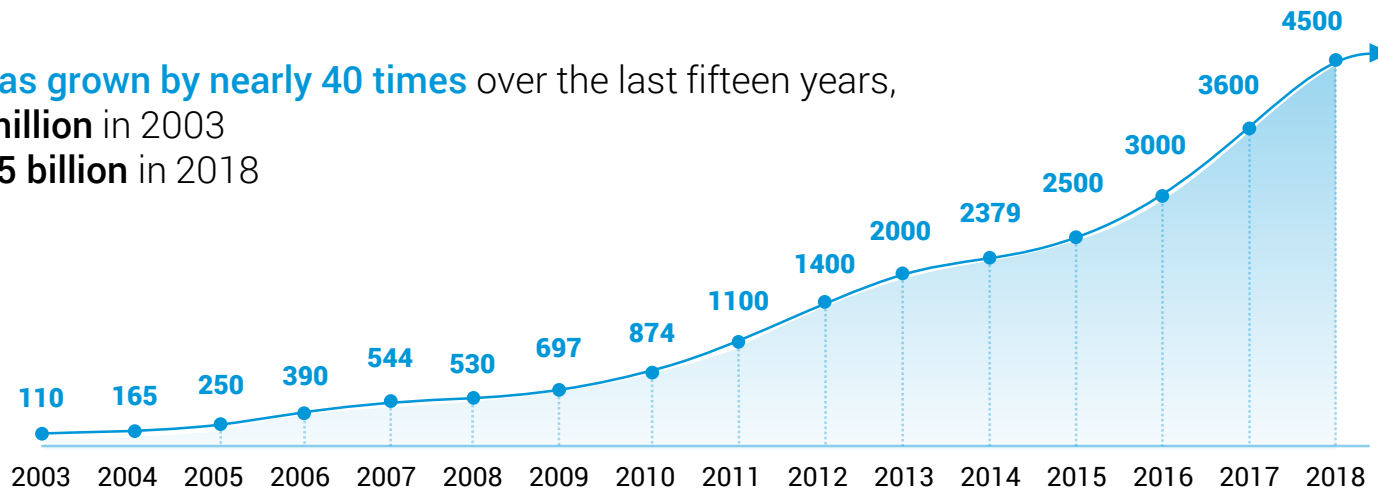
IT service providers
in the 2018 Global
Outsourcing-100

Overview of the Ukraine's
IT industry

It is also diverse, from cutting edge work in **AI, cyber security, natural language processing** and nanotechnologies to highly commercial ventures in **blockchain, FinTech, big data management, gaming, agribusiness and ecommerce**

IT SECTOR in Ukraine

IT industry has grown by nearly 40 times over the last fifteen years, from \$ 110 million in 2003 to about \$ 4.5 billion in 2018

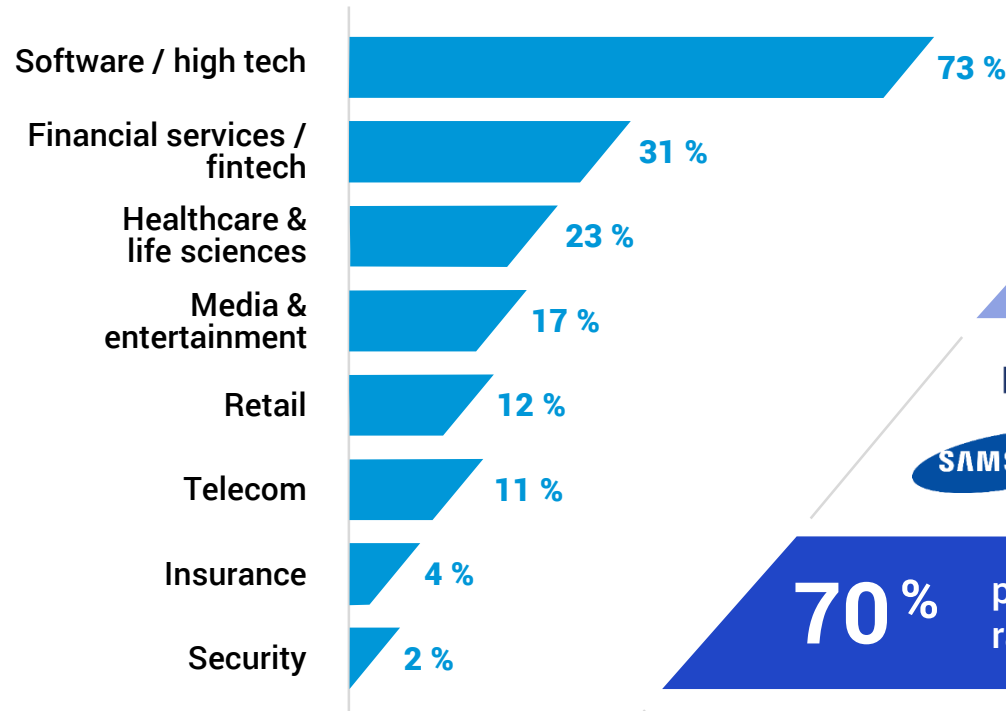


*Ukraine, Belarus, Poland and Romania

SOURCE: Ukrainian Hi-Tech Initiative, Symphony-solutions, Tech Ecosystem Guide to Ukraine, MoEDT estimates, State Statistics Service, "Software Development in Ukraine, Poland, Belarus and Romania in 2019" report by Aventures, Aventis Capital, Capital Times

IT COMPANIES in Ukraine

Ukrainian IT companies get majority of revenues from **software/hi-tech vertical**



15% create their own product



15% work as an in-house center for the parent company



70% provide IT services to a wide range of clients



SOURCE: "Software Development in Ukraine, Poland, Belarus and Romania in 2019" report by Aventures, Aventis Capital, Capital Times

IT TALENT POOL



Over **130k**
engineering
graduates



& **16k** annually
IT graduates

Ukrainians are historically
strong in cybernetics



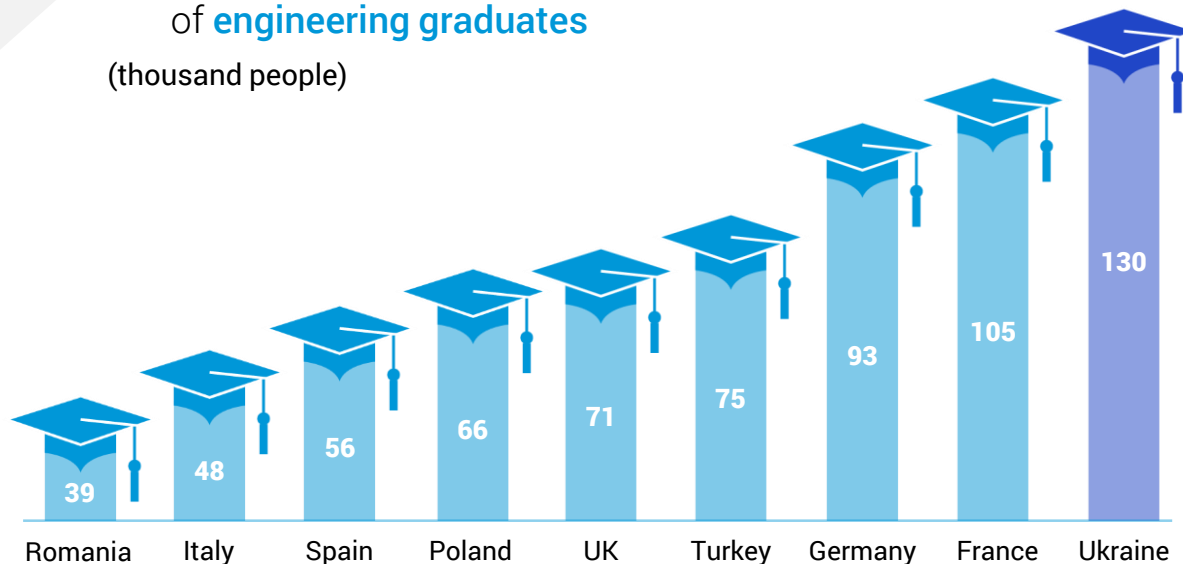
180k +

Ukrainian tech specialists work
for **startups** and **IT service**
companies worldwide

SOURCE: World Economic Forum, Forbes



European countries by number
of **engineering graduates**
(thousand people)



MAJOR TECH UNIVERSITIES

in Ukraine, 2018

Odesa



Odesa National Polytechnic University

1,366 tech graduates



National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

4,314 tech graduates



Taras Shevchenko National University of Kyiv

1,324 tech graduates



National Aviation University

1,692 tech graduates

Lviv



Lviv Polytechnic University

2,675 tech graduates

Kyiv



Kharkiv

National Technical University "Kharkiv Polytechnic Institute"

2,105 tech graduates



Kharkiv National University of Radioelectronics

2,698 tech graduates

Dnipro

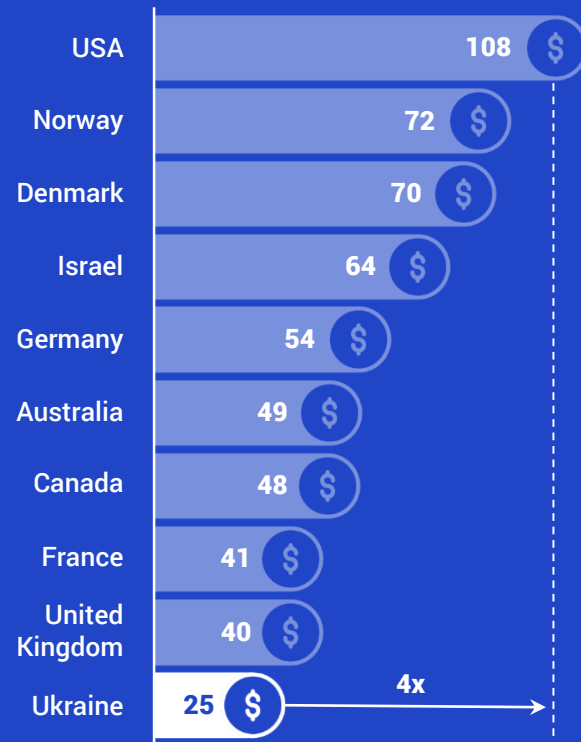


National Technical University Dnipro Polytechnic

1,014 tech graduates

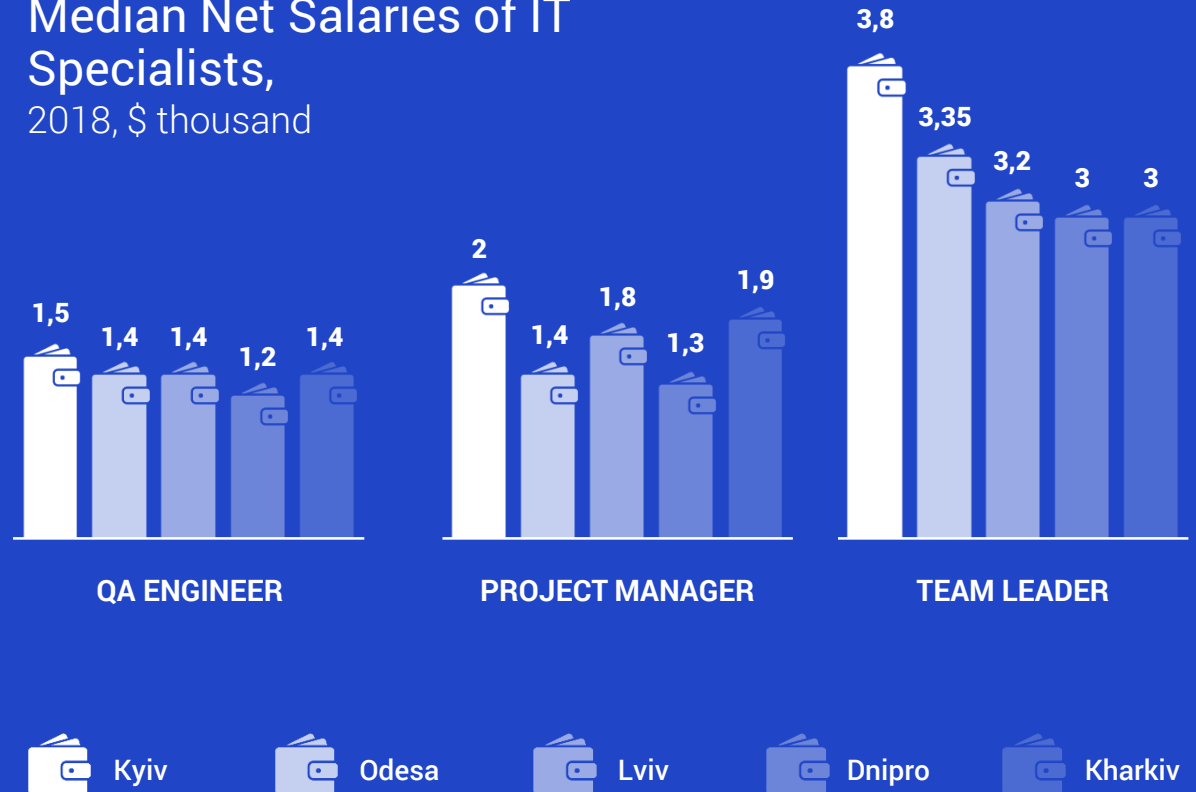
COST-EFFICIENT IT PLATFORM

Average Annual Software Engineering Salary, February 2019, \$ thousand



SOURCE: daxe.com, payscale.com

Median Net Salaries of IT Specialists, 2018, \$ thousand



SOURCE: "Software Development in Ukraine, Poland, Belarus and Romania in 2019" report by Aventures, Aventis Capital, Capital Times

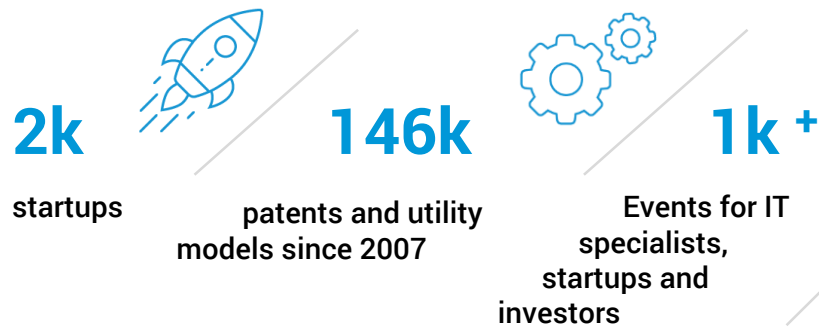
According to Gartner, a global research and advisory firm, Ukraine's IT specialists rank **first in Eastern Europe in terms of price/quality ratio**

IT CLUSTERS

in Ukraine

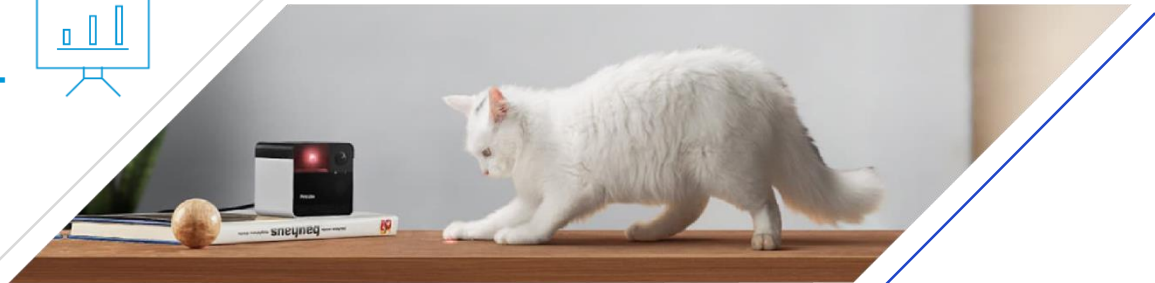
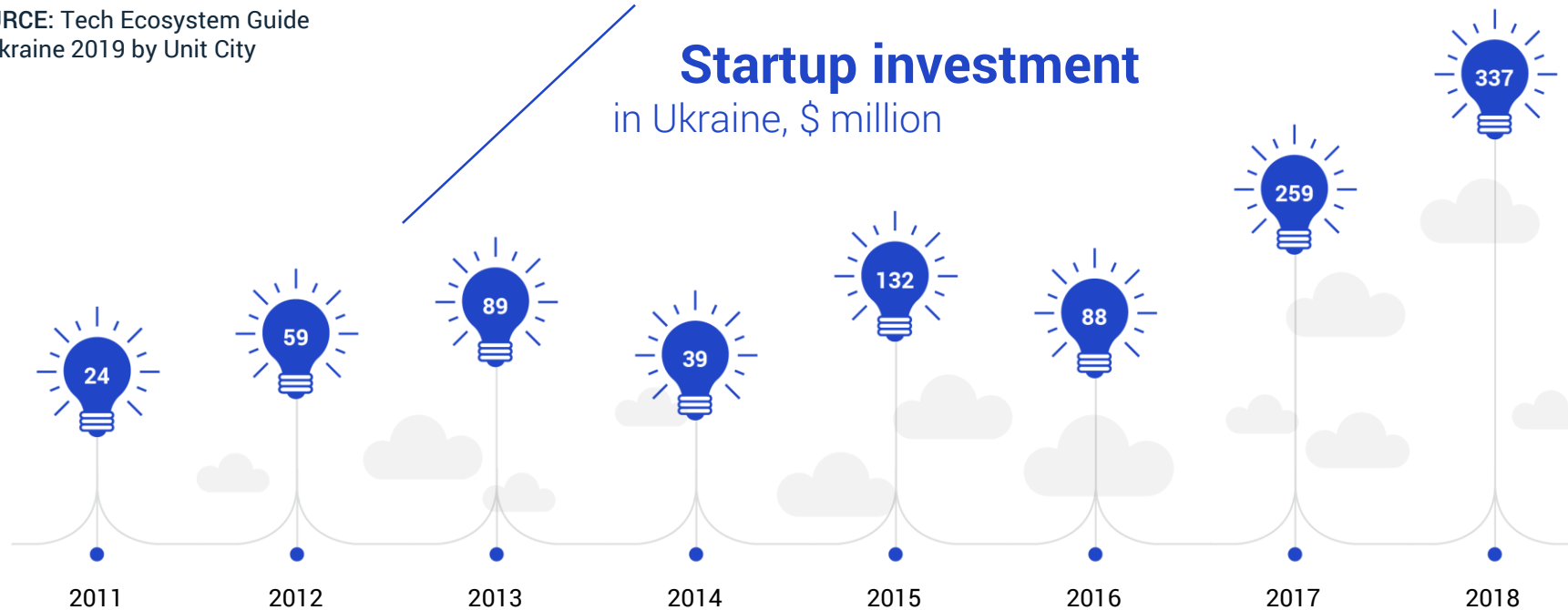


STARTUPS in Ukraine



SOURCE: Tech Ecosystem Guide to Ukraine 2019 by Unit City

Startup investment in Ukraine, \$ million



STARTUPS in Ukraine



each valued at >\$1 billion

\$130 m



cloud service for programmers

Most prominent Ukrainian startups



\$110 m



cloud service for programmers

\$110 m



full-service blockchain technology

\$70 m



synthetic data platform for deep learning applications

\$37 m



platform for sales based on artificial intelligence

LARGEST INVESTMENT
in Ukrainian startups
2017-2018

GLOBAL R&D In Ukraine

100 +
global players



have located R&D facilities in Ukraine,
further driving the high-tech sector

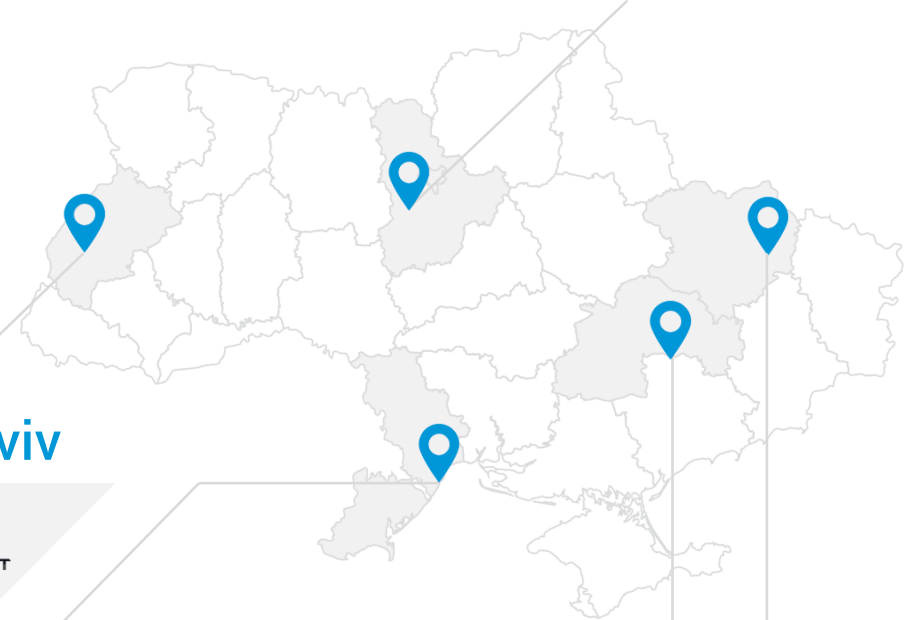
Ukraine emerges as
a global R&D hub

Ring Success story

In 2018, **Ring** which has a 900-employees R&D office in Ukraine, was acquired for **\$1B** by **Amazon**

SIEMENS | Magento | masseeds | SAMSUNG
Google | ARICENT | BOEING | ring

Kyiv



Lviv

MIRANTIS | GAMELOFT
ERICSSON

Odesa

COMODO
Creating Trust Online™
Snap Inc.
Netcracker

Dnipro

SIGMA Software
sitecore
Playtika

Kharkiv

FLARIUM
miratech
ORACLE

About UKRAINEINVEST

UkraineInvest is the Government's Investment promotion office reporting to the Prime Minister created to attract and support investments in Ukraine.



Introductions



Navigation & Guidance



Advocacy

WE PROVIDE:



Regional Support



Information & Insight



Key Sector Expertise

UkraineInvest
Your Investment Matters

Ukraine Invest
Your Investment Matters

Your investment **matters**



NOW 
Ukraine

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