



UkraineInvest
Your Investment Matters

UKRAINE'S IT INDUSTRY

Overview

NOW 
Ukraine



Kyiv, Ukraine
February 2020

GLOBAL TECH TRENDS

2



SOURCE: Accenture Technology
Vision 2019: Full Report

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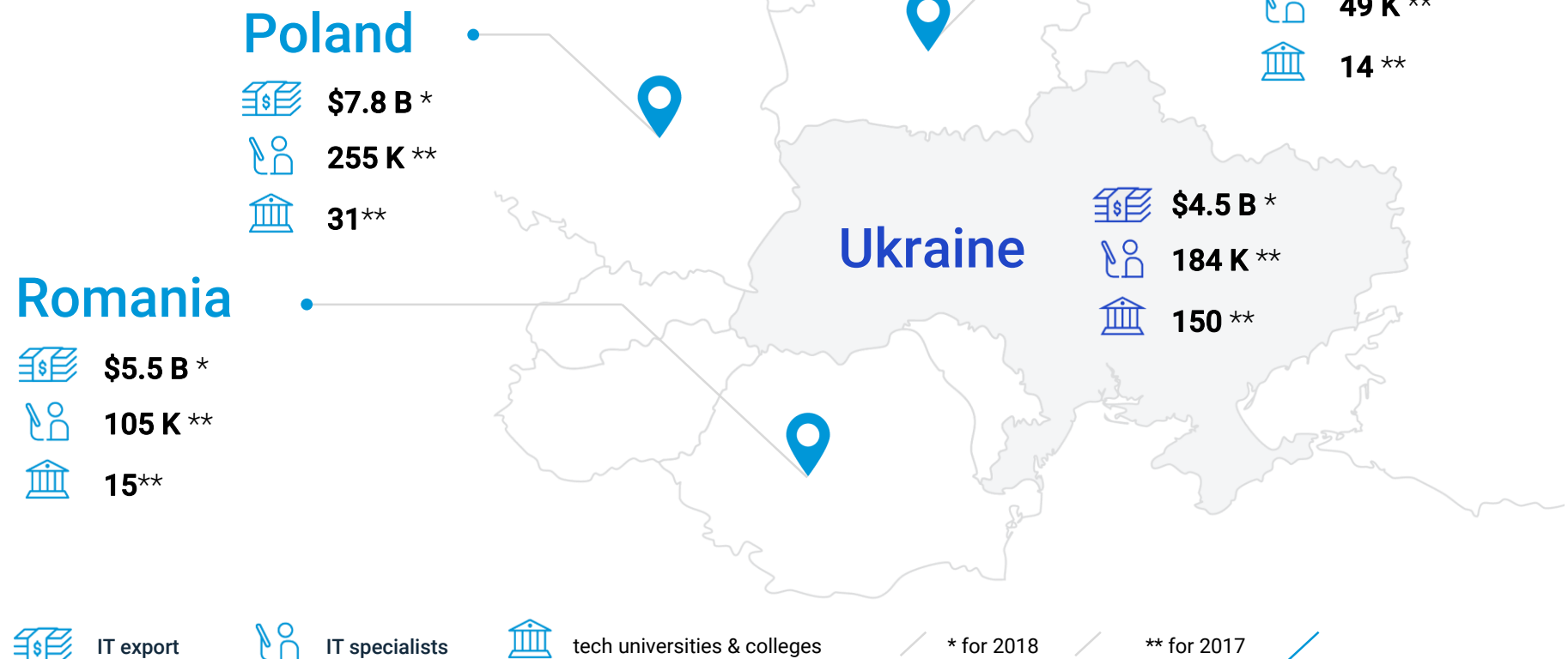
REGIONAL IT MARKET

Overview

3

Ukraine, Poland, Belarus and Romania

together present a formidable competition to other development hot spots

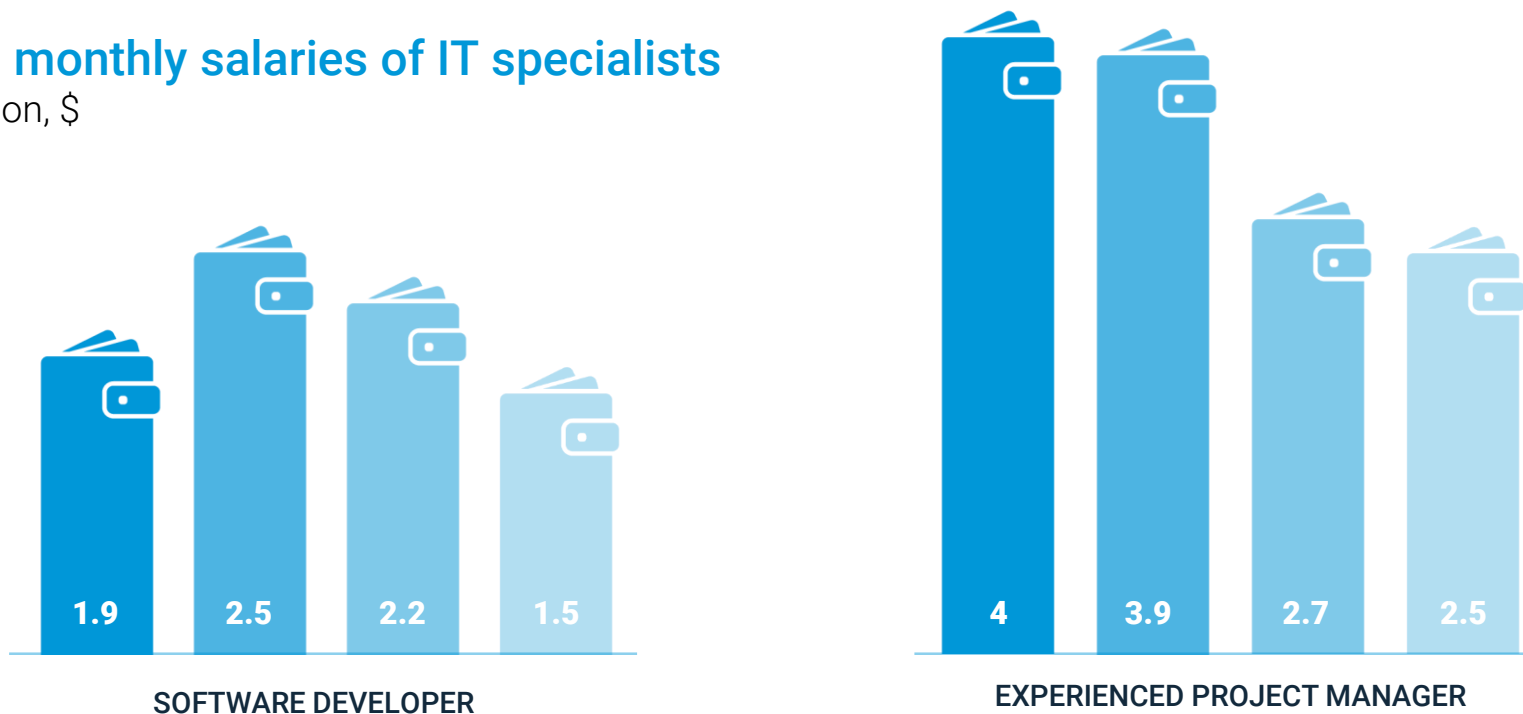


SOURCE: Trade map – International Trade Statistics, “Software Development in Ukraine, Poland, Belarus and Romania in 2019” report by Aventures, Aventis Capital, Capital Times, Tech Ecosystem Guide to Ukraine 2019 by Unit City

IT SPECIALIST COST in the region

4

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

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UKRAINE: PREDICTABLE & STABLE EMERGING MARKET

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

GDP Growth, %

(comparing to respective period in previous year)

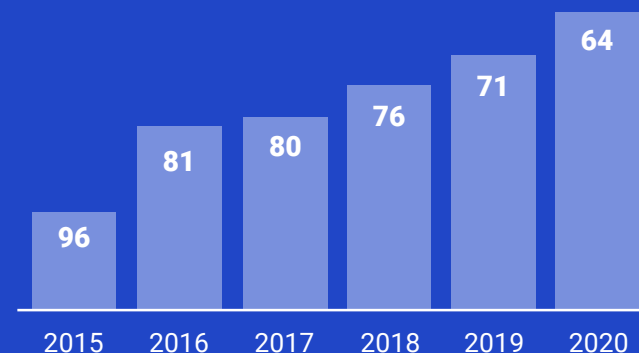


EBA Investment Attractiveness Index

(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

6



Good Country Index
Category Science & Technology

1 2018 — **1** 2019



**European Innovation
Scoreboard Ranking**

27 2017 — **27** 2018



**Startup Ecosystems
Blink Ranking**

35 2017 — **31** 2018



Global Open Data Index

54 2015 — **31** 2018



Global Innovation Index

50 2017 — **47** 2019

INNOVATION TECHNOLOGIES in Ukraine

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

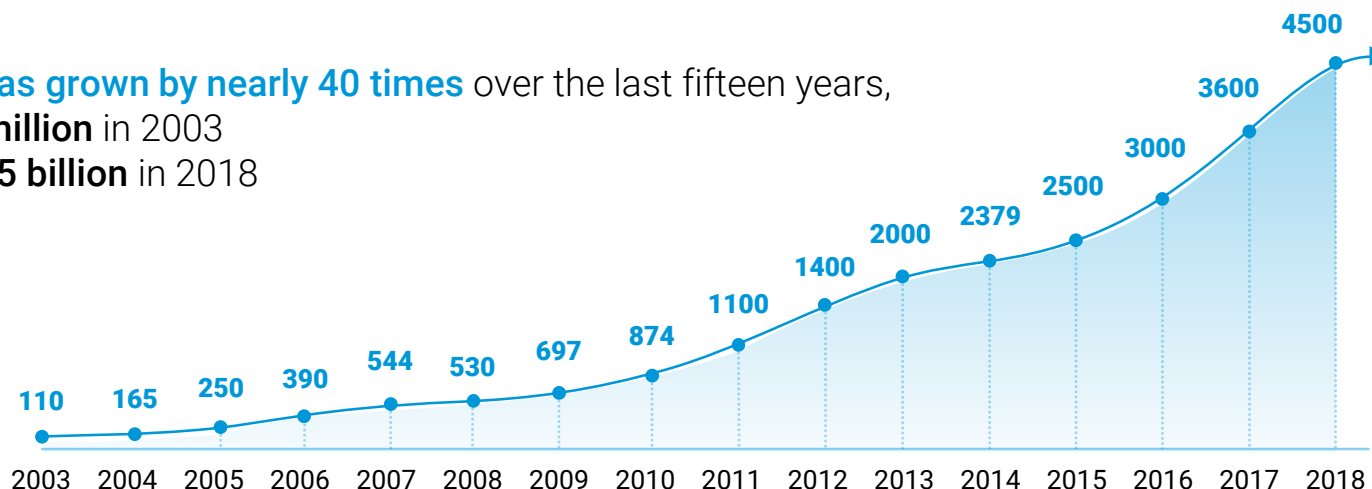
Overview of the Ukraine's
IT industry

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

8

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



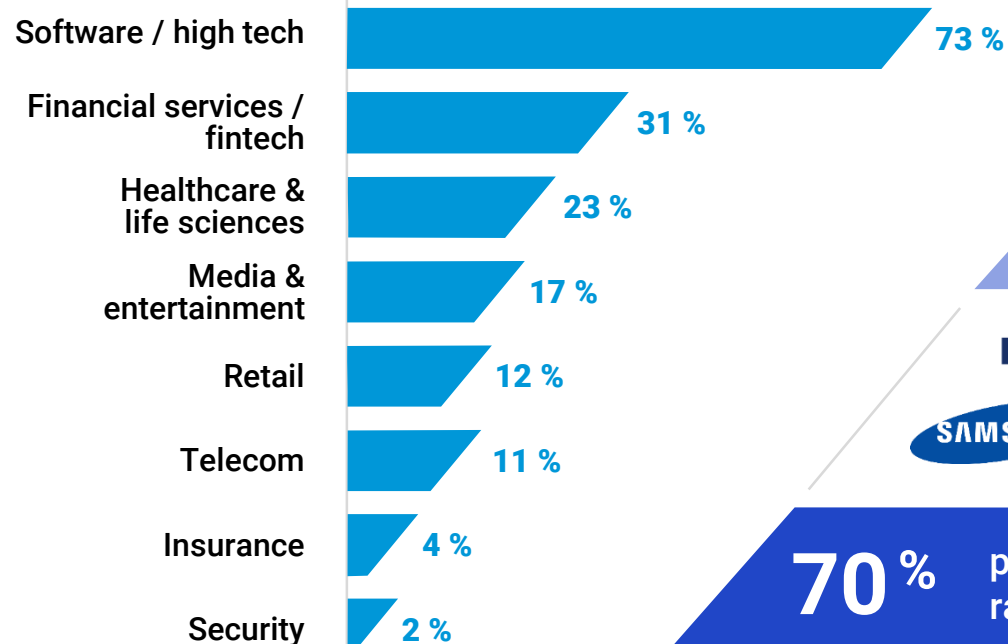
*Ukraine, Belarus, Poland and Romania

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

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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



GlobalLogic® *itera* infopulse softserve

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** IT graduates annually 

Ukrainians are historically strong in cybernetics

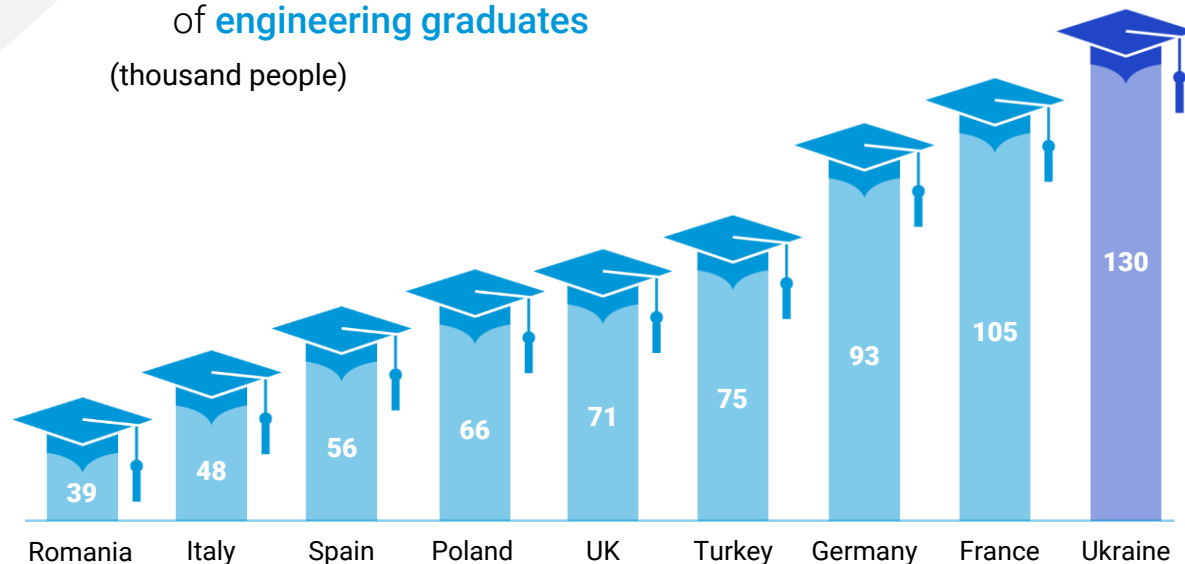


180k +

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

11

Odesa •



Odesa National Polytechnic University

1,366 tech graduates

Lviv •



Lviv Polytechnic University

2,675 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

Kyiv



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

Overview of the Ukraine's IT industry

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COST-EFFICIENT IT PLATFORM

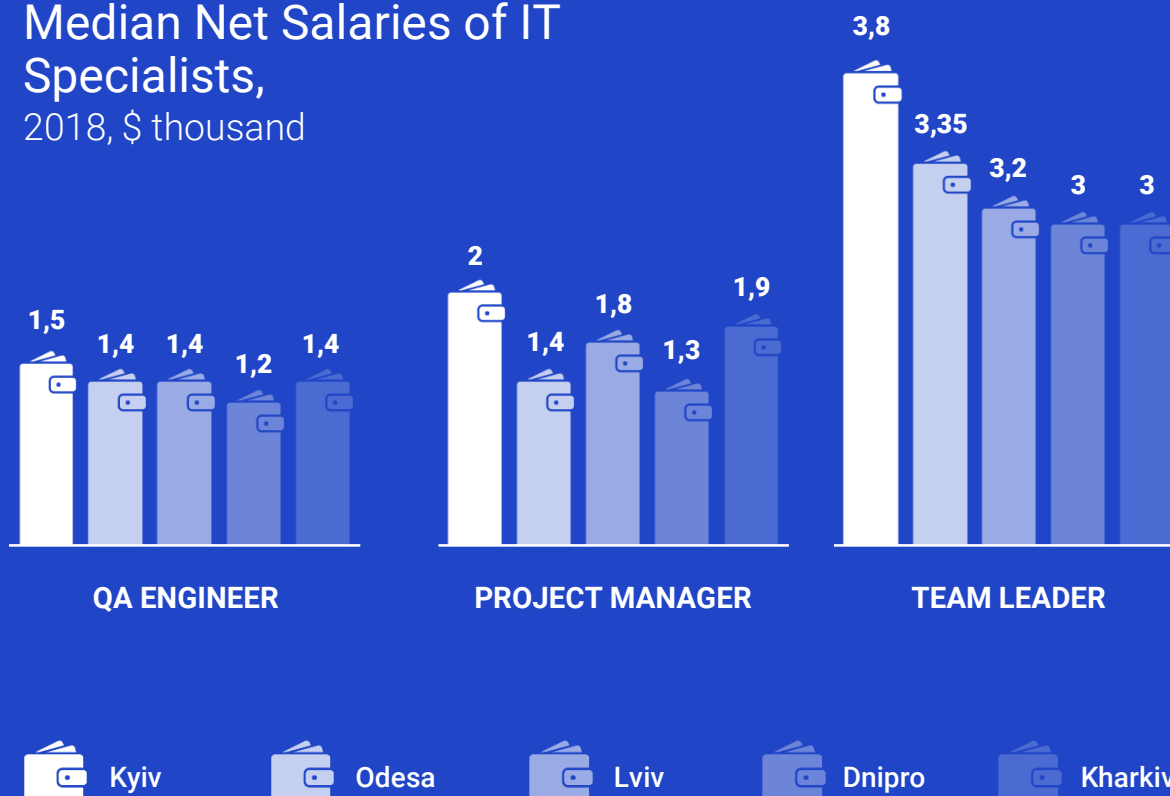
12

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



SOURCE: daxx.com, payscale.com

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



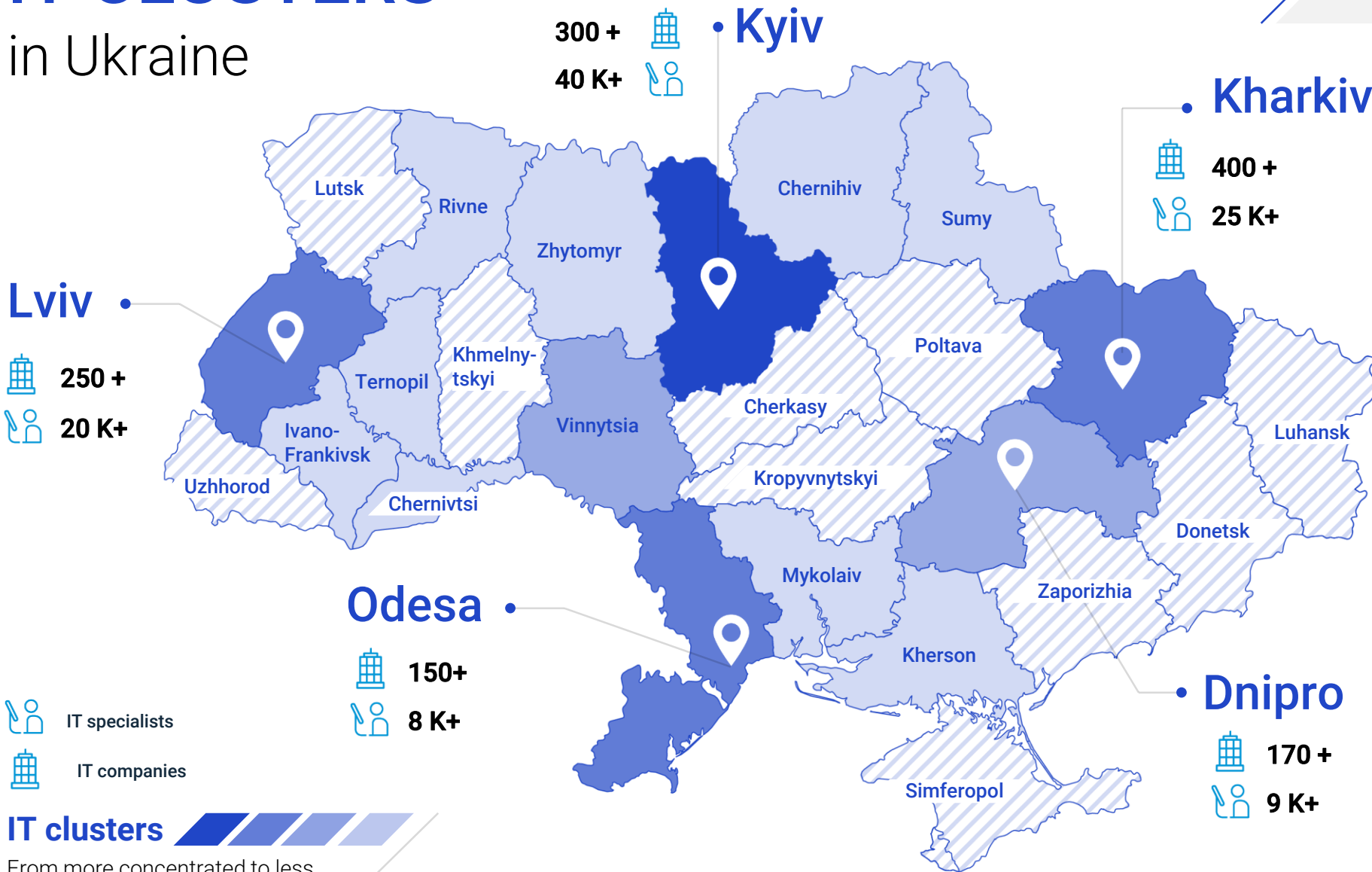
SOURCE: "Software Development in Ukraine, Poland, Belarus and Romania in 2019"
report by Aventures, Aventis Capital, Capital Times

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

13



STARTUPS in Ukraine

2k



startups

146k

patents and utility
models since 2007



1k +

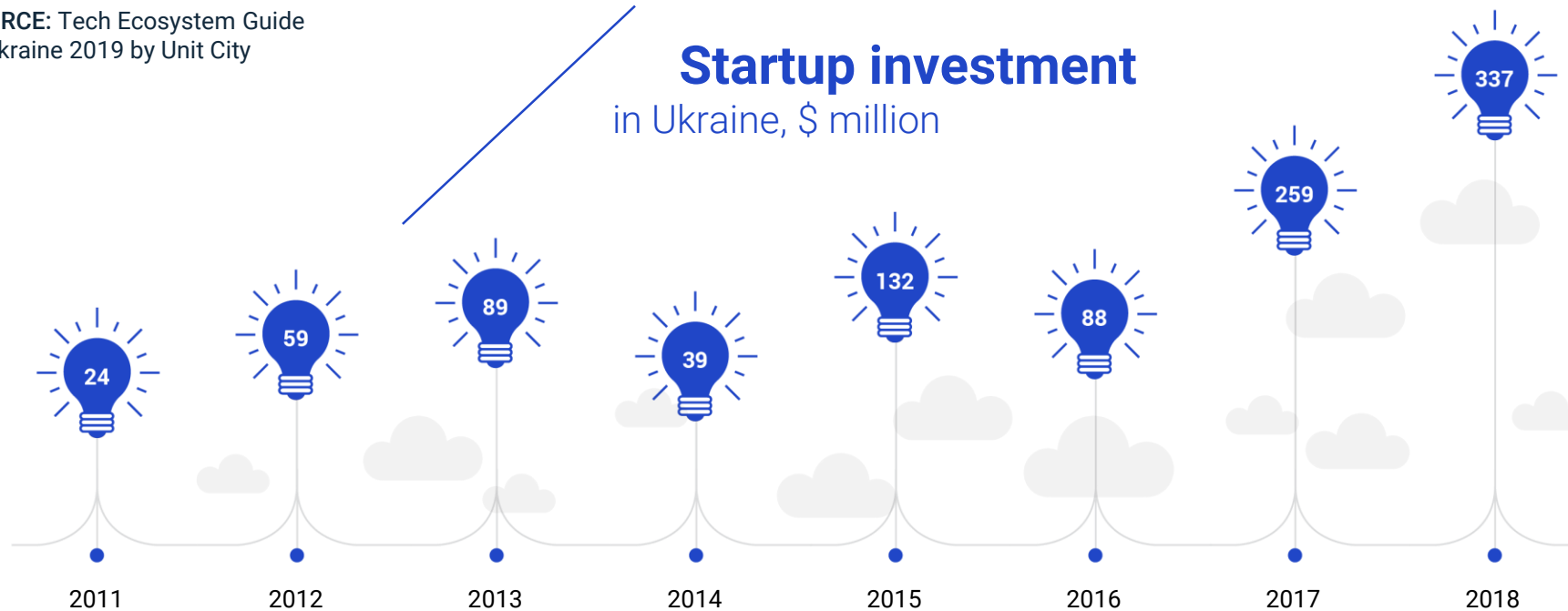
Events for IT
specialists,
startups and
investors



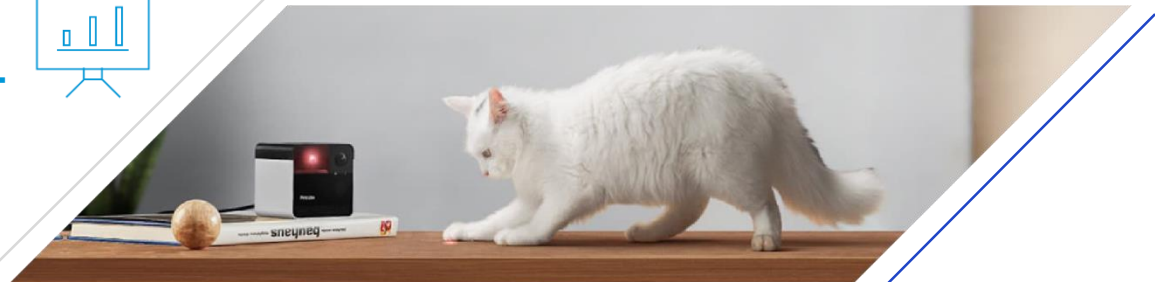
SOURCE: Tech Ecosystem Guide
to Ukraine 2019 by Unit City

Startup investment

in Ukraine, \$ million



14



STARTUPS in Ukraine

15



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

16

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**



Kyiv

Lviv



Odesa



Dnipro



Kharkiv



About UKRAINEINVEST

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

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WE PROVIDE:



Introductions



Navigation &
Guidance



Advocacy



Regional
Support



Information
& Insight



Key Sector
Expertise

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Your investment **matters**



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Ukraine

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