



# Glasgow University FinTech Society

SEPTEMBER 2017

All you need to know about FinTech before you graduate!



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UoG FinTech Society

# Who we are

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**Who we are &  
why you should  
join us**



Nicolas  
Goetze

**What is FinTech & how  
FinTech companies disrupt  
the financial sector**



Romi  
Madan

**The Growth of  
FinTech & why  
FinTech matters**

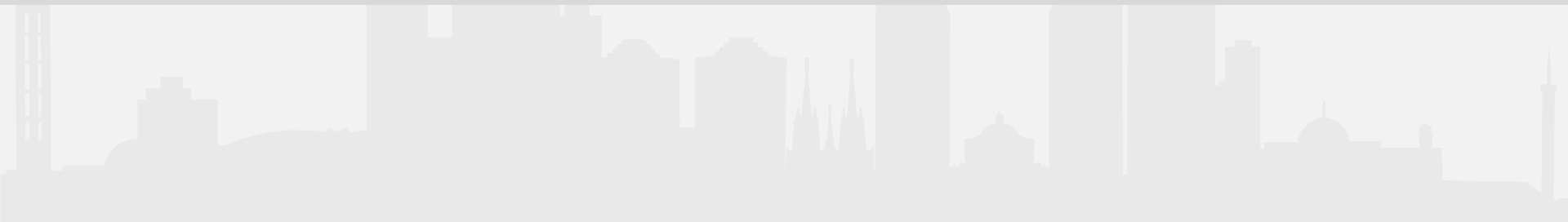


Jan  
Jindra



Andreas  
Pogiatis

# FinTech Motivation



1. **Who we are & why you should join us**
2. What is FinTech & how FinTech companies disrupt the financial sector
3. The Growth of FinTech & why FinTech matters



Glasgow University  
FinTech Society

# Presentation content

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| Who we are & our mission



| What do you want to get out of GUFTS



| How will you benefit?



| Workshops



| Society involvement



| Join us

# Our mission

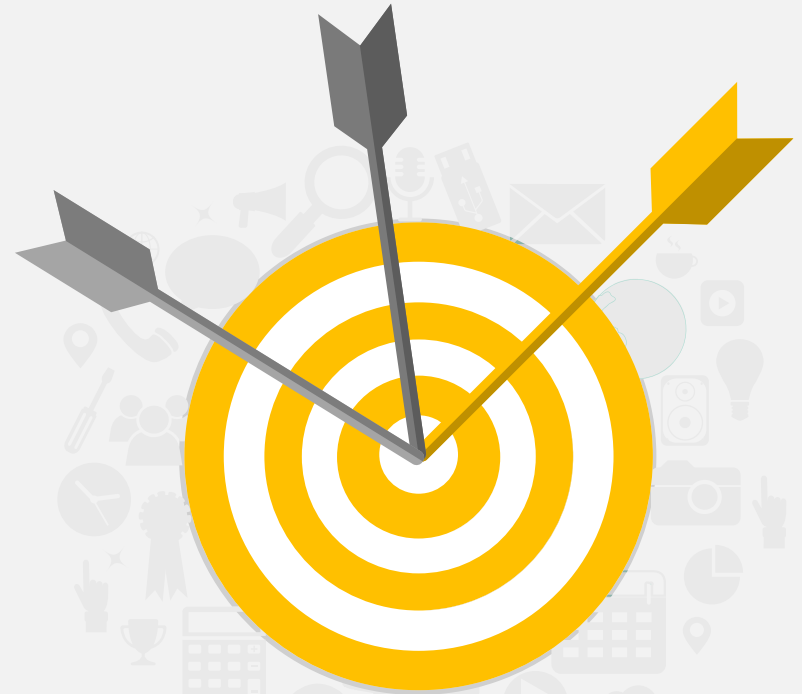
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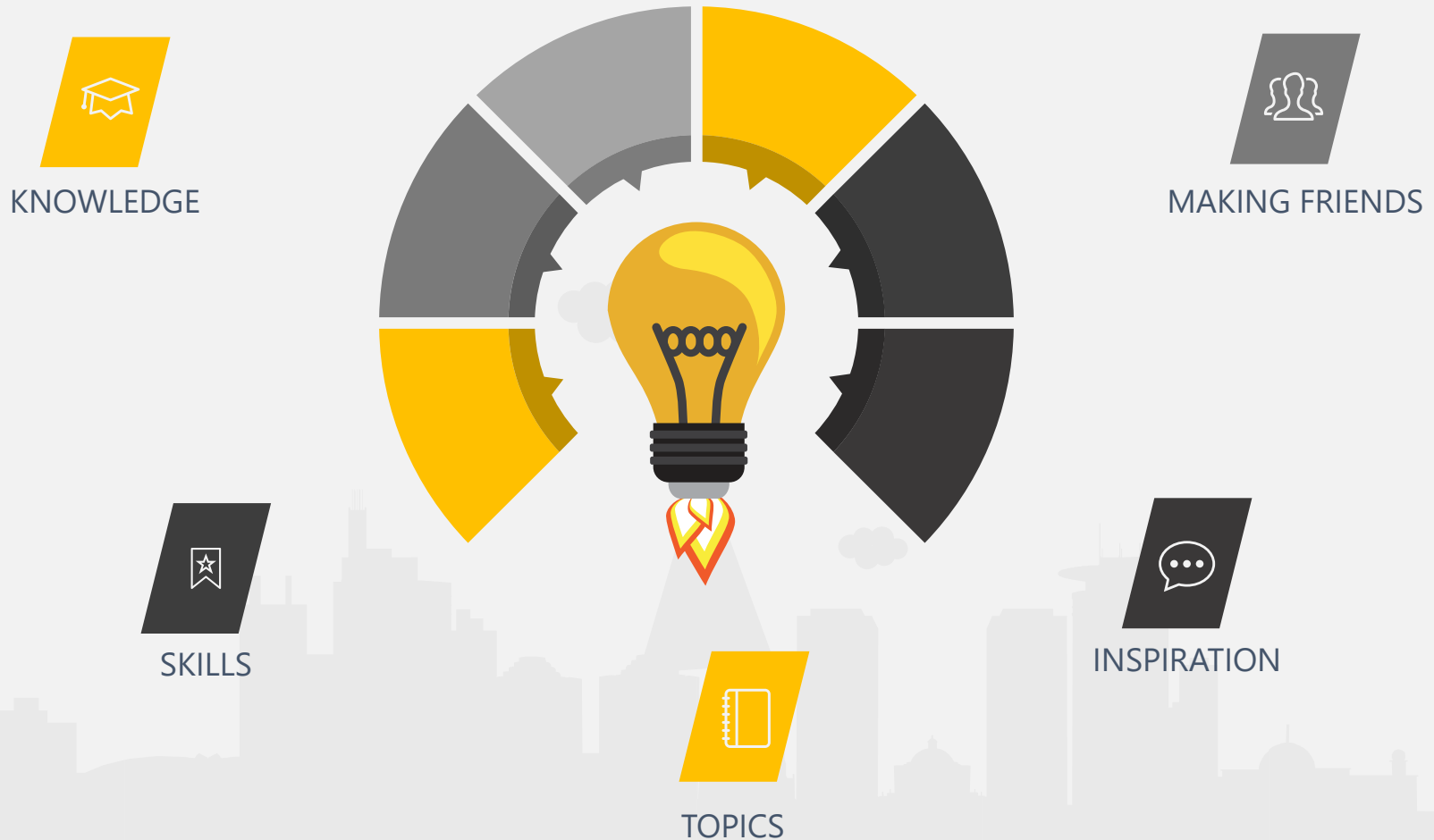
First student-led society in Scotland which aims to raise awareness of technological developments & their applications - not just to finance



Our goal is to **enthuse students about FinTech** & FinTech-related developments by familiarising students with key industry concepts (e.g. blockchain, digital currencies, etc.) and by collaborating with industry experts



# What do you want to get out of GUFTS?



# How will you benefit?

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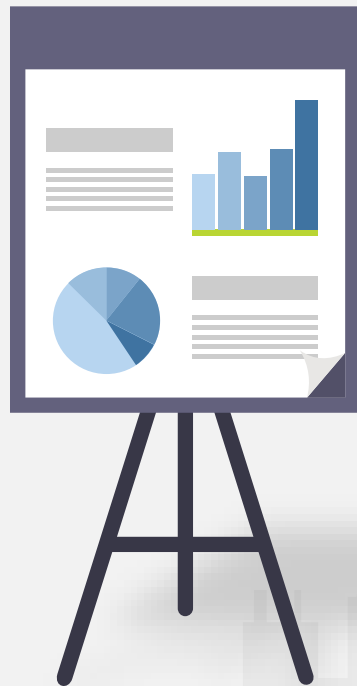
- You develop **knowledge of FinTech concepts** – something increasingly sought after by employers
- **Networking opportunities** with industry experts and other students
- CV & application clinics to get the job you want
- Developing valuable **employability skills** (presentation, effective communication, collaboration, etc.) in safe environment
- Developing your own **personal brand** by sharing your work outputs online, which, in turn, increases reputation and awareness of the society





# Workshops

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- Each workshop run by group of 4-5 students who express interest in topic
- Group prepares report & presentation about the topic
- Present findings/knowledge from their work & distribute handouts to audience
- Workshops completely voluntary – if you don't wish to participate, can still be member of audience

# The plan for the 1<sup>st</sup> semester

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3 workshops for registered society members in order to develop a fundamental awareness of FinTech-related topics among students.

#	Date	Workshop Topic	Details
1	Thursday 21/09/2017	Society Introduction & What FinTech means	<ul style="list-style-type: none"><li>• Society's aims &amp; plans + what students want</li><li>• Introduction into FinTech</li><li>• Recruitment of members</li></ul>
2	Thursday 19/10/2017	Cryptocurrencies & blockchain workshop	<ul style="list-style-type: none"><li>• All about cryptocurrencies &amp; blockchain technology</li></ul>
3	Thursday 9/11/2017	Peer-to-peer lending and stock-trading apps workshop	<ul style="list-style-type: none"><li>• All about peer-to-peer services and FinTech apps</li></ul>

# Workshop Structure

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- **Presentation**
  - Delivered by society's workshop team, Guideline: ~15-20min
  - Explain given workshop topic & describe how it is implemented in practice, what opportunities arise, etc.
- **Guest speakers:**
  - From industry/academia
  - Talk about what they do, what their business is about, how theory/concept presented by team applies to real world
  - Unparalleled insight into topic
- **Q&A with Guest speakers**

**Our aim: at least six during 1st semester**

# Workshops

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- **Skills developed by organising workshops:**
  - Deepening knowledge of FinTech
  - Analytical and research skills
  - Effective communication skills
  - Responsibility by collaborating in team
  - Time-management
- **Award for each person participating in workshop team!**



# Society involvement

<u>PRESIDENT</u> <i>Jan</i>	<u>VICE-PRESIDENT</u> <i>Andreas</i>	<u>VICE-PRESIDENT</u> ???	<u>TREASURER</u> <i>Romi</i>
<u>CORPORATE RELATIONS</u> ???	<u>SECRETARY</u> ???	<u>MARKETING</u> ???	<u>GRAPHICS/BLOGGERS</u> ???

**Workshop Team #2**  
Cryptocurrencies & Blockchain

**Workshop Team #3**  
P2P lending & Fintech apps

HEAD OF THE TEAM  
???

3-4 Team Members  
???

HEAD OF THE TEAM  
???

3-4 Team Members  
???

**WE NEED ACTIVE MEMBERS!**

No prior knowledge of FinTech is required!



??? – position is available

# Join us!

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- To be able to take part in events (workshops, career or otherwise), you need to register and buy membership
- If you sign up by the end of this session, membership costs only £3 – otherwise £5
- Each member gets membership card: **PLEASE ALWAYS BRING WITH YOU TO EVENTS**



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# Any questions?



1. Who we are & why you should join us
2. **What is FinTech & how FinTech companies disrupt the financial sector**
3. The growth of FinTech & why FinTech matters



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# Presentation content

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| What is FinTech



| A journey through history



| Disruption of industries



| Disruption in Financial Sector



| FinTech Companies



| Cryptocurrencies & Other topics

# What is FinTech?

“

FinTech stands for Financial Technologies, and in its broadest definition, that's exactly what it is: technologies used and applied in the financial services sector.

”



MOVEMENT

FINANCIAL  
TECHNOLOGY

CULTURE

# 5 things you need to know about FinTech



# A brief journey through history...

⚙️ Using technology in finance has been around since the 19th century

Example: Technology & stock market quotations



Morse code,  
human clerks

Stock ticker machines  
at Wall Street



Stock market data  
delivery by computers

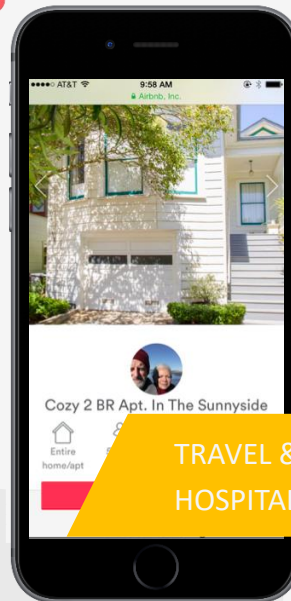


# Disruption of industries

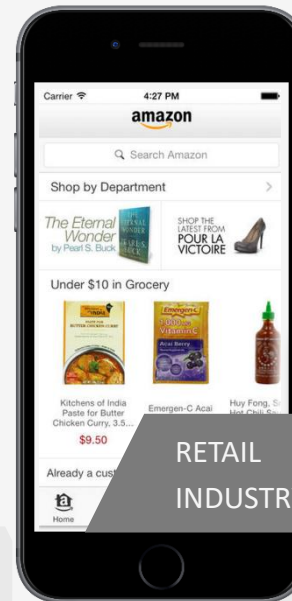
Technology has already disrupted a number of industries:



TRANSPORT  
INDUSTRY



TRAVEL &  
HOSPITALITY



RETAIL  
INDUSTRY

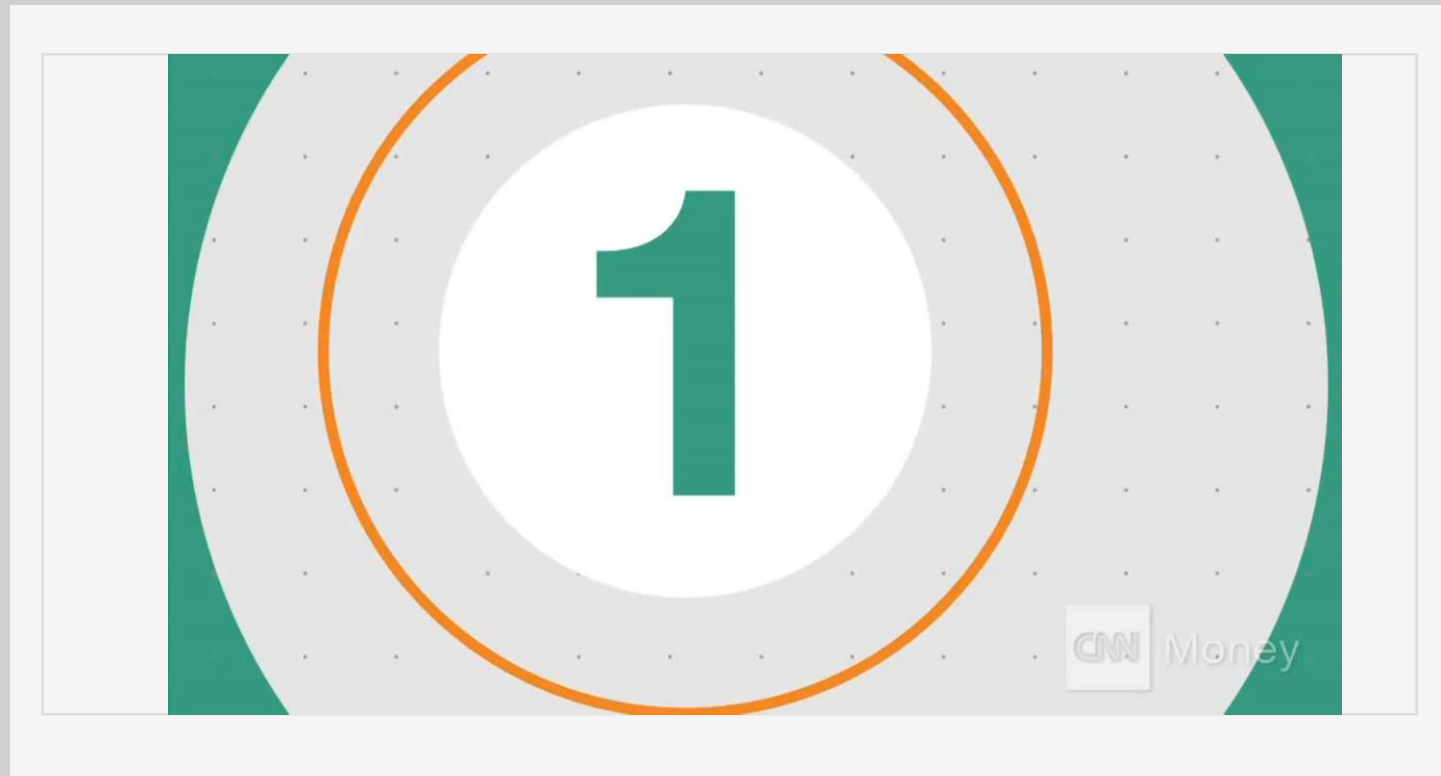
➤ Peer-to-peer

➤ "Shared  
economy"  
businesses



...is the financial services sector next in turn?

# 5 stunning stats about Uber



Uber, the world's leading taxi company, has no vehicles.

Airbnb owns no real estate.

# Disruption in Financial sector

**FINTECH COMPANIES** are businesses that exploit the new innovations to compete in the marketplace of traditional financial institutions. In this way they disrupt the financial sector.



Customer-centric



Simple & Scalable



Innovative



**And the disruption has already started...**

# FinTech companies



Some examples...



## TransferWise

### TARGET INDUSTRY:

Financial services [Money Transfer]

### DESCRIPTION:

- Cross border cash transactions at lower cost.
- Banks charge a lot for overseas transfers. We don't. Transfer money abroad easily with our low cost money transfers.





# FinTech companies – cont. ▲



## TARGET INDUSTRY:

Financial services [Investing online]

## DESCRIPTION:

Social trading: tap into the wisdom of the crowds by following and copying thousands of top performing traders.

- 45m users trading
- trade currencies, cryptocurrencies, commodities

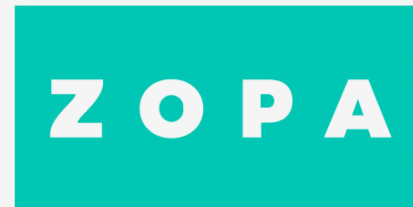
nutmeg



## TARGET INDUSTRY:

Financial services [Online investment management]

- Wealth management for everyone



## TARGET INDUSTRY:

Financial services [Peer-to-peer lending]

- Zopa directly matches people looking for a loan with people looking to invest

# Cryptocurrencies

- Digital currencies that use cryptography to secure the transfer of funds, operating independently of a central bank.
- More than 1100 different cryptocurrencies is being traded on exchanges!



Bitcoin



Scotcoin



Ethereum



Litecoin

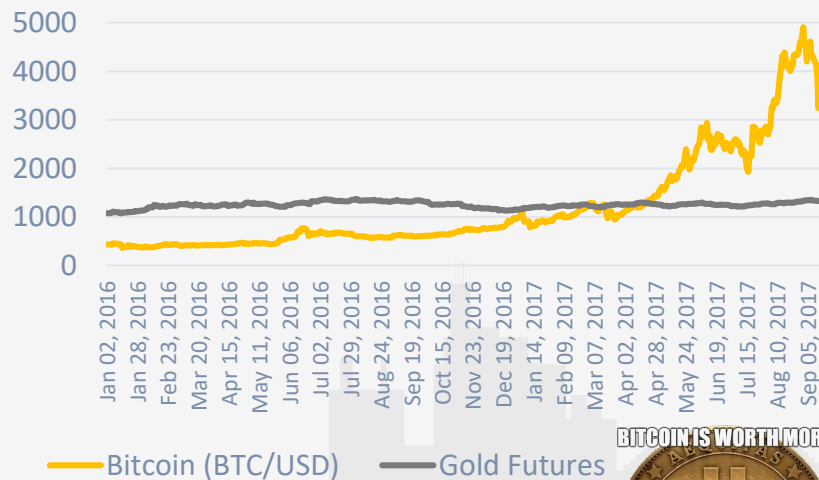


Ripple

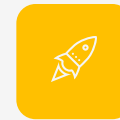


NEO

Bitcoin vs Gold price



# Other FinTech topics



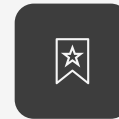
## **BLOCKCHAIN**

Technology underlying  
cryptocurrency  
transactions



## **CRYPTOCURRENCIES**

Digital currencies



## **FINTECH APPS**

P2P lending, stock-  
trading etc.



## **ARTIFICIAL INTELLIGENCE, BIG DATA, ...**

➤ More on these topics on our next workshops!

1. Who we are & why you should join us
2. What is FinTech & how FinTech companies disrupt the financial sector
3. **The growth of FinTech & why FinTech matters**



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# Presentation Content

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| Introduction



| Search interest in FinTech



| Investments in FinTech



| Looking to the future



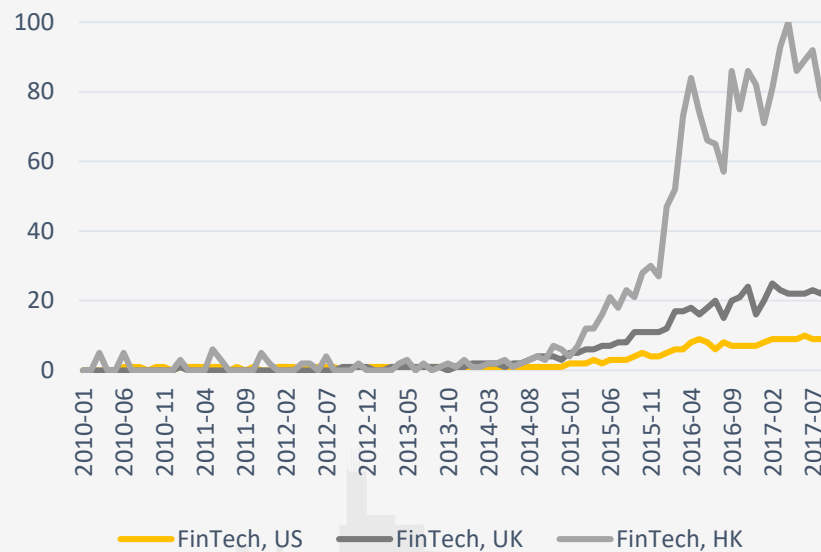
| FinTech around the world



| FinTech matters.

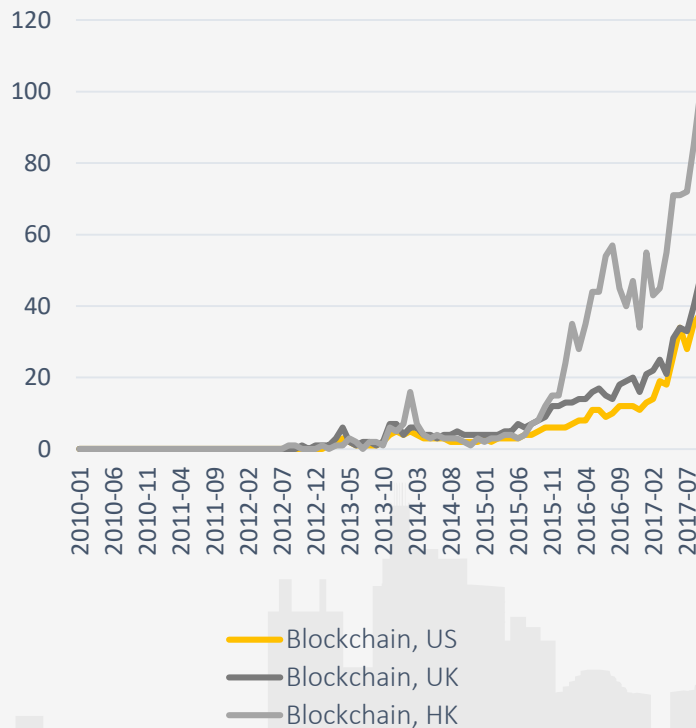
# Search interest in FinTech

Google “FinTech” keyword searches

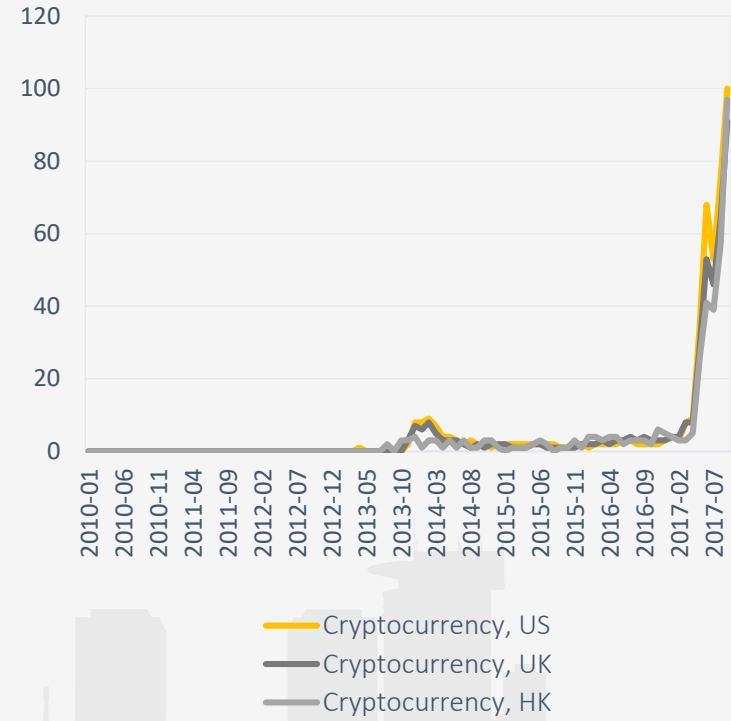


# Search interest in FinTech

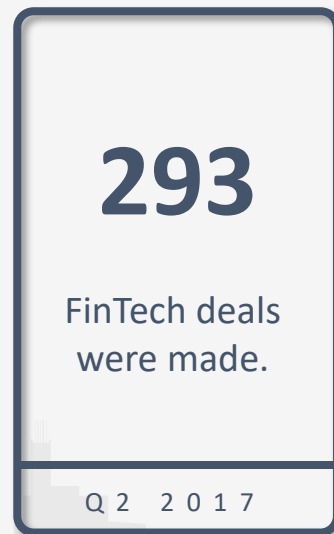
“Blockchain” keyword searches



“Cryptocurrency” keyword searches



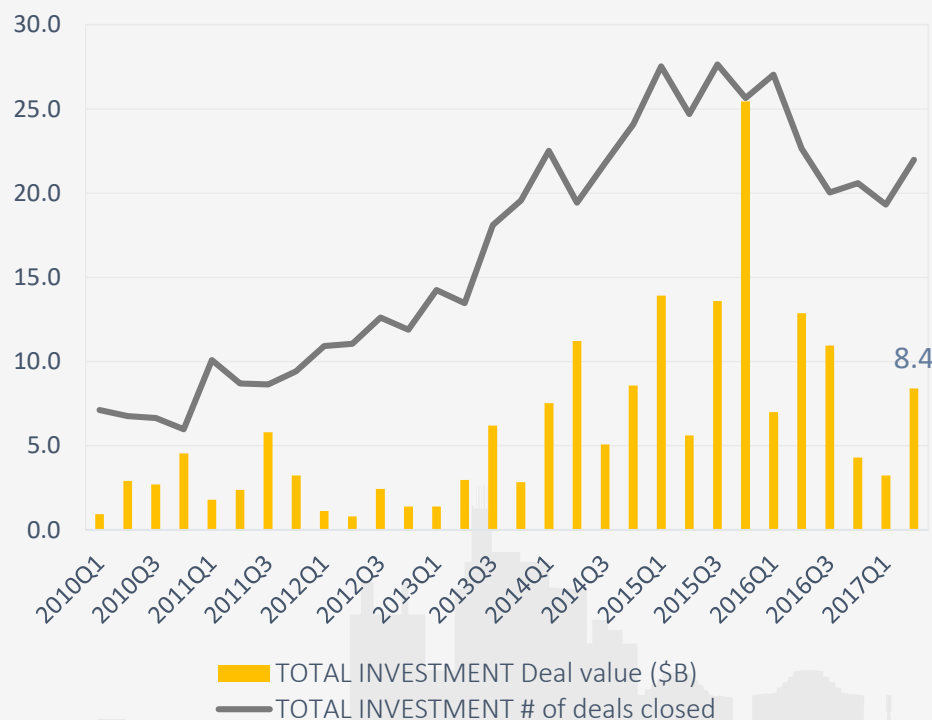
# Investments in FinTech in Q2 2017



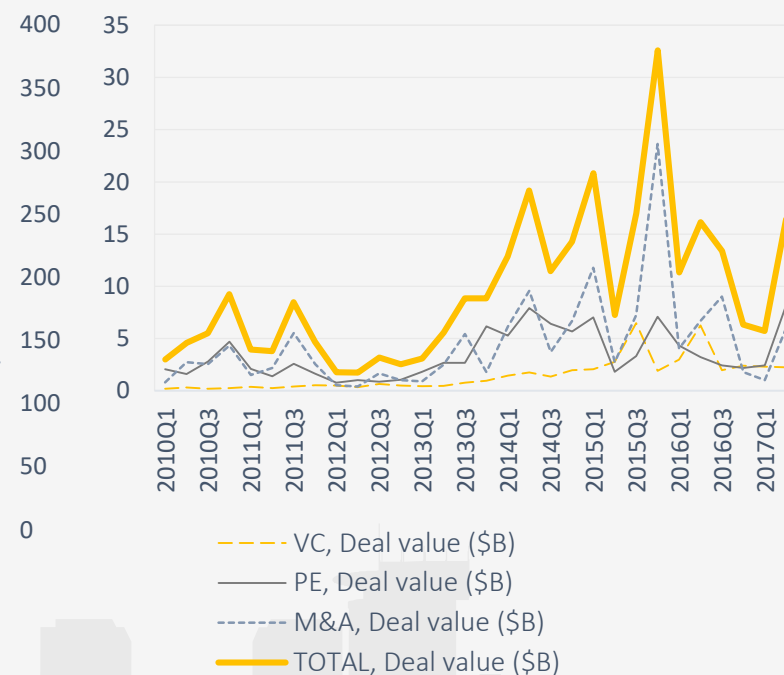


# Investments in FinTech

Global investment activity (VC & M&A)  
in fintech companies

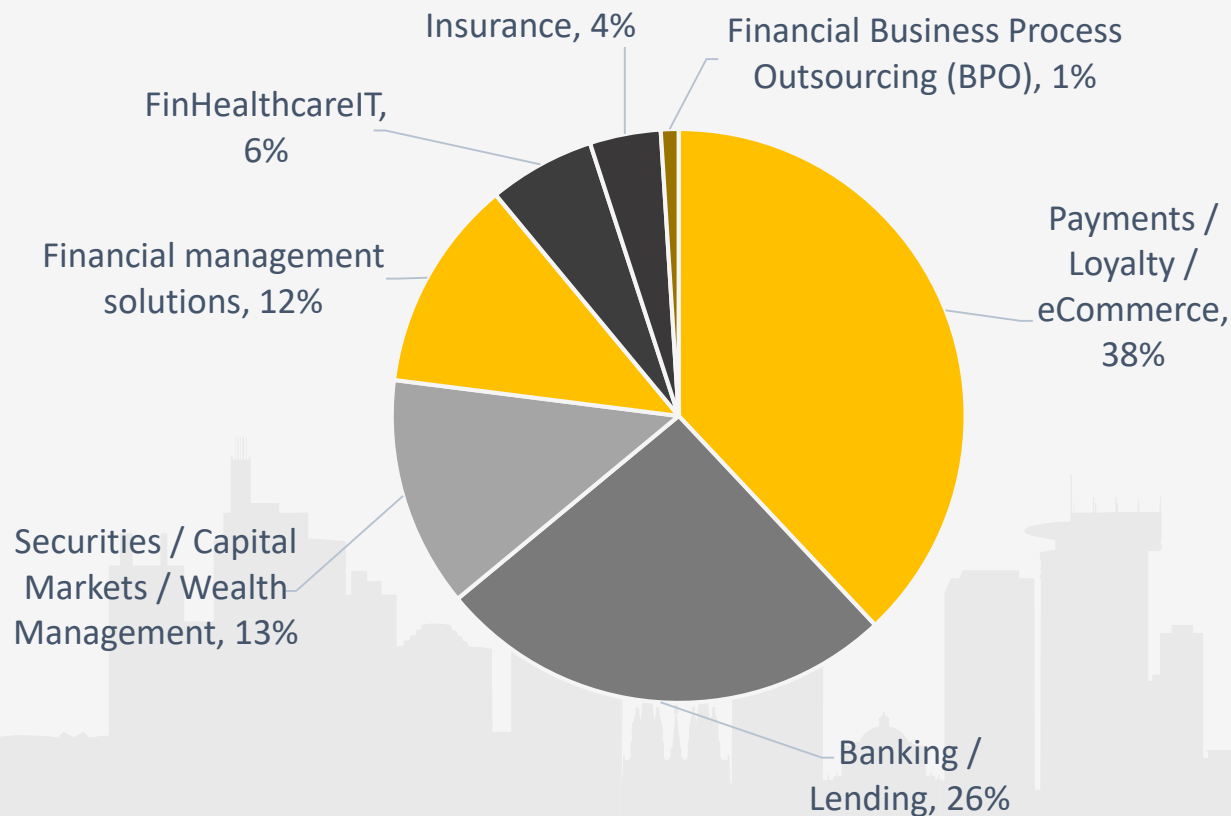


Components of total investment  
activity

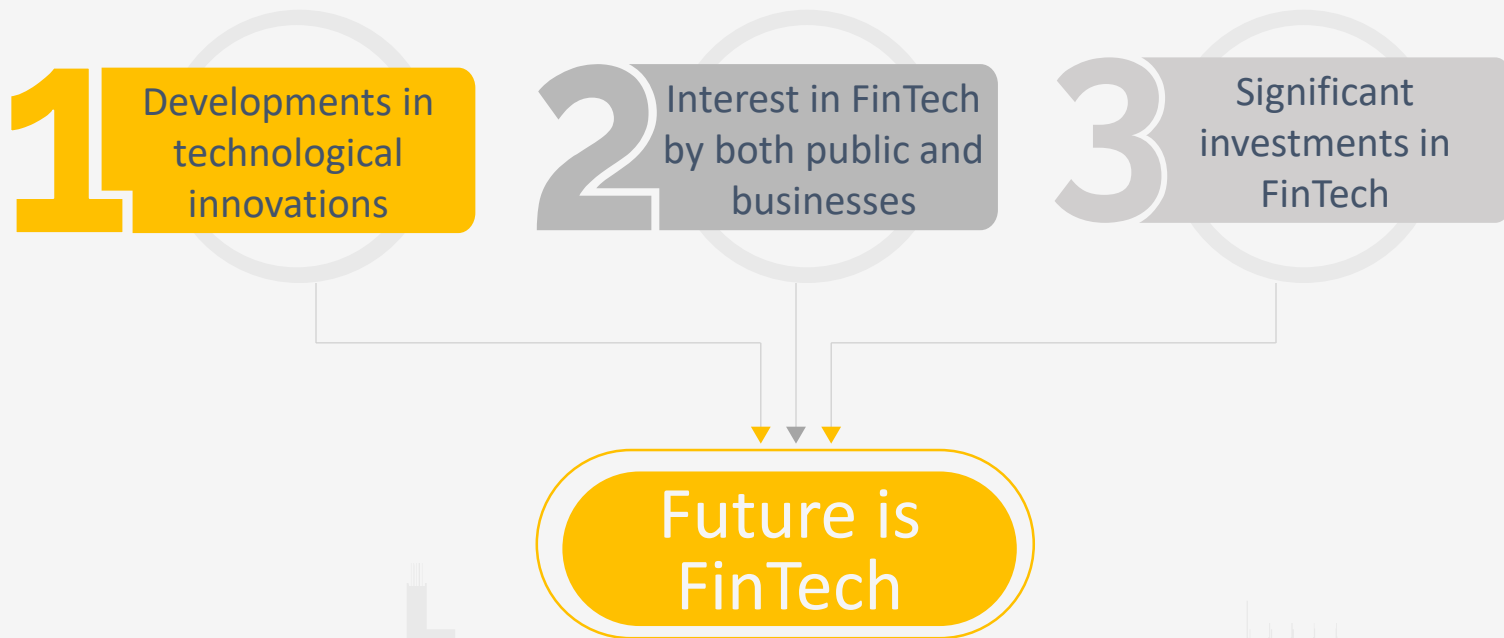


# Investments in FinTech sectors

FinTech sectors by the funds raised (2016 data):

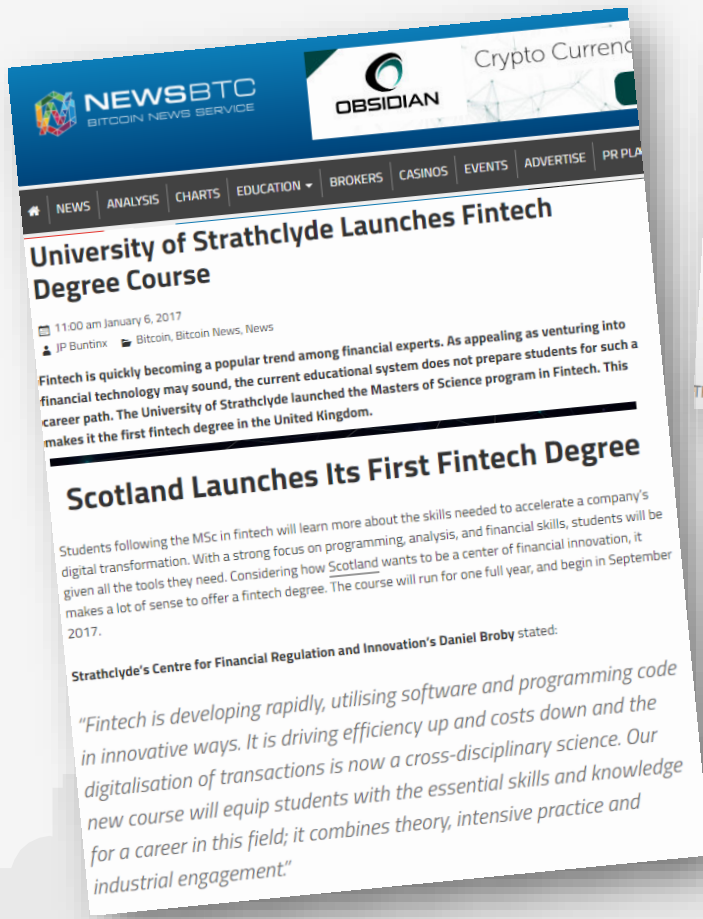


# Looking to the Future...



# FinTech in Uni curriculum

FinTech is getting incorporated into universities' curricula...



**University of Strathclyde Launches Fintech Degree Course**

11:00 am January 6, 2017  
JP Buntinx Bitcoin, Bitcoin News, News

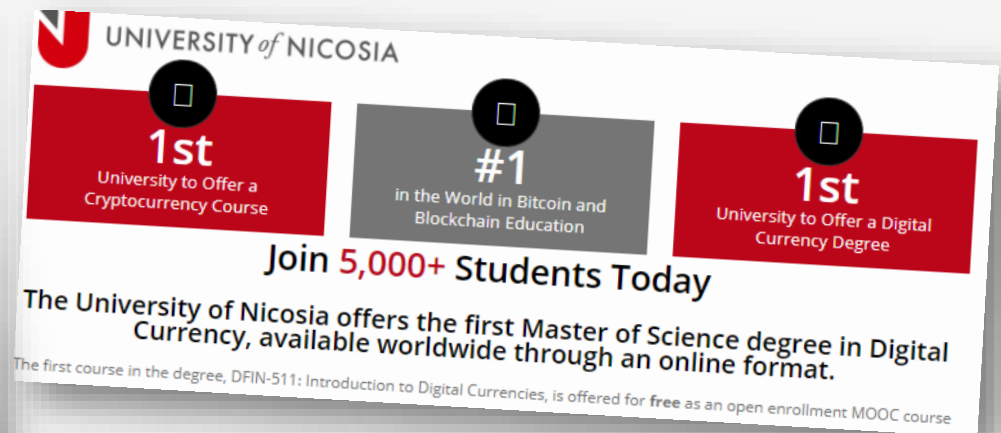
Fintech is quickly becoming a popular trend among financial experts. As appealing as venturing into financial technology may sound, the current educational system does not prepare students for such a career path. The University of Strathclyde launched the Masters of Science program in Fintech. This makes it the first fintech degree in the United Kingdom.

**Scotland Launches Its First Fintech Degree**

Students following the MSc in fintech will learn more about the skills needed to accelerate a company's digital transformation. With a strong focus on programming, analysis, and financial skills, students will be given all the tools they need. Considering how Scotland wants to be a center of financial innovation, it makes a lot of sense to offer a fintech degree. The course will run for one full year, and begin in September 2017.

Strathclyde's Centre for Financial Regulation and Innovation's Daniel Broby stated:

*"Fintech is developing rapidly, utilising software and programming code in innovative ways. It is driving efficiency up and costs down and the digitalisation of transactions is now a cross-disciplinary science. Our new course will equip students with the essential skills and knowledge for a career in this field; it combines theory, intensive practice and industrial engagement."*



**UNIVERSITY of NICOSIA**

**1st**  
University to Offer a  
Cryptocurrency Course

**#1**  
in the World in Bitcoin and  
Blockchain Education

**1st**  
University to Offer a Digital  
Currency Degree

**Join 5,000+ Students Today**

The University of Nicosia offers the first Master of Science degree in Digital Currency, available worldwide through an online format.

The first course in the degree, DFIN-511: Introduction to Digital Currencies, is offered for free as an open enrollment MOOC course



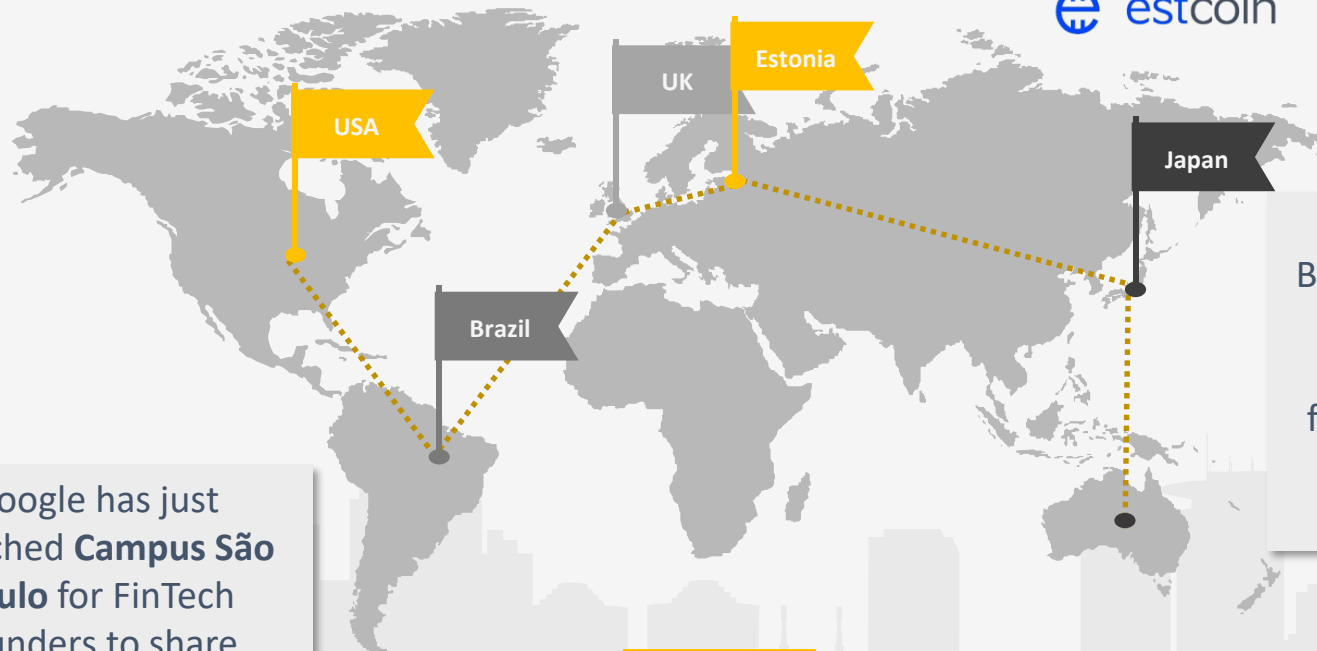
University  
of Glasgow

MSc in FinTech Management 2018/2019

# FinTech around the world

Some examples...

Estonia now proposes  
“**estcoin**”, the country's very  
own digital currency



Google has just  
launched **Campus São  
Paulo** for FinTech  
founders to share  
knowledge

Japan legitimized  
Bitcoin as a legal form  
of payment. **Peach  
Aviation Ltd.** Is the  
first airline to accept  
bitcoin for airline  
tickets



# FinTech matters.

80%

of financial institutions  
believe business is at risk to  
innovators

56%

have put disruption at the  
heart of their strategy

82%

of financial services organisations  
expect to **increase FinTech  
partnerships** in the next 3-5 years

77%

expect to **adopt blockchain** as part of  
their system or processes by 2020



Clearly, the awareness of FinTech will be increasingly sought after by employers.  
**Get ahead and join the UoG FinTech Society now!**