

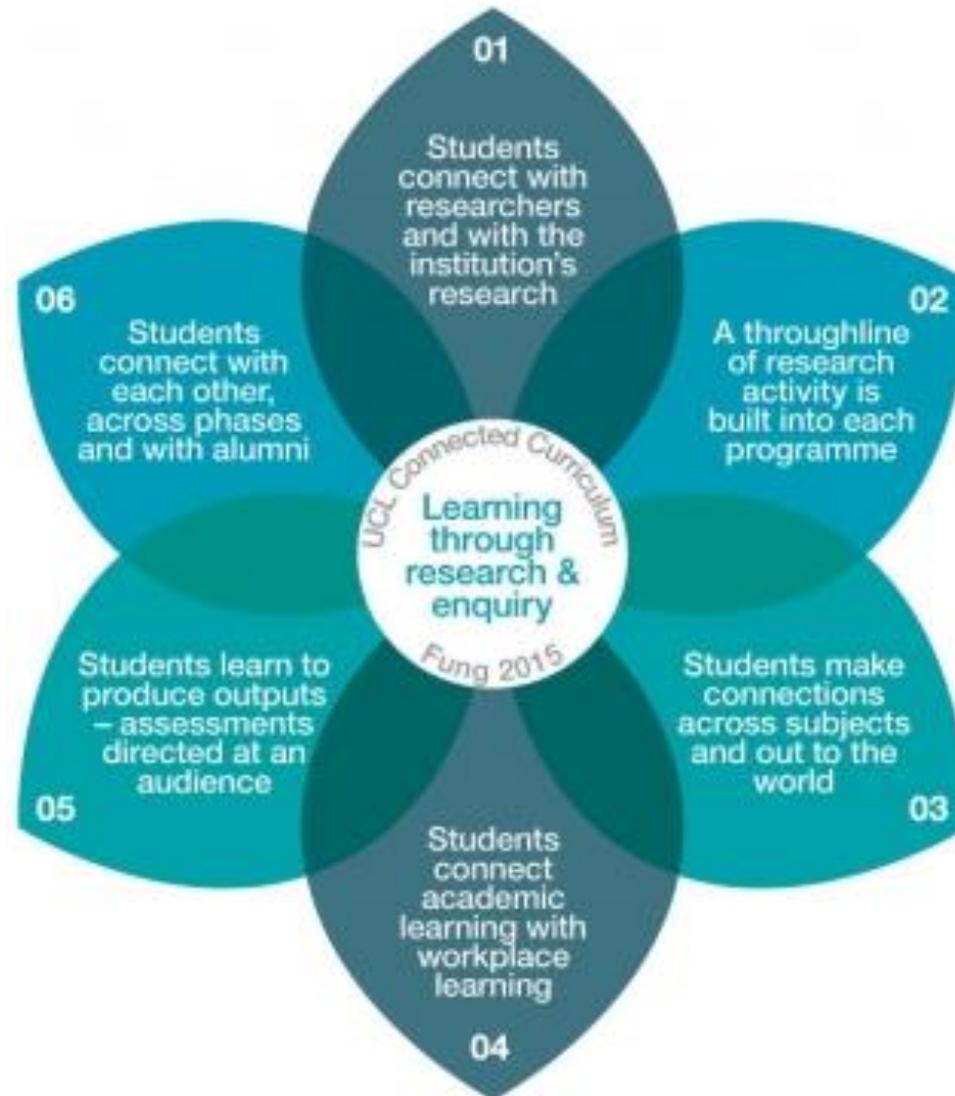
The University role in an innovation ecosystem

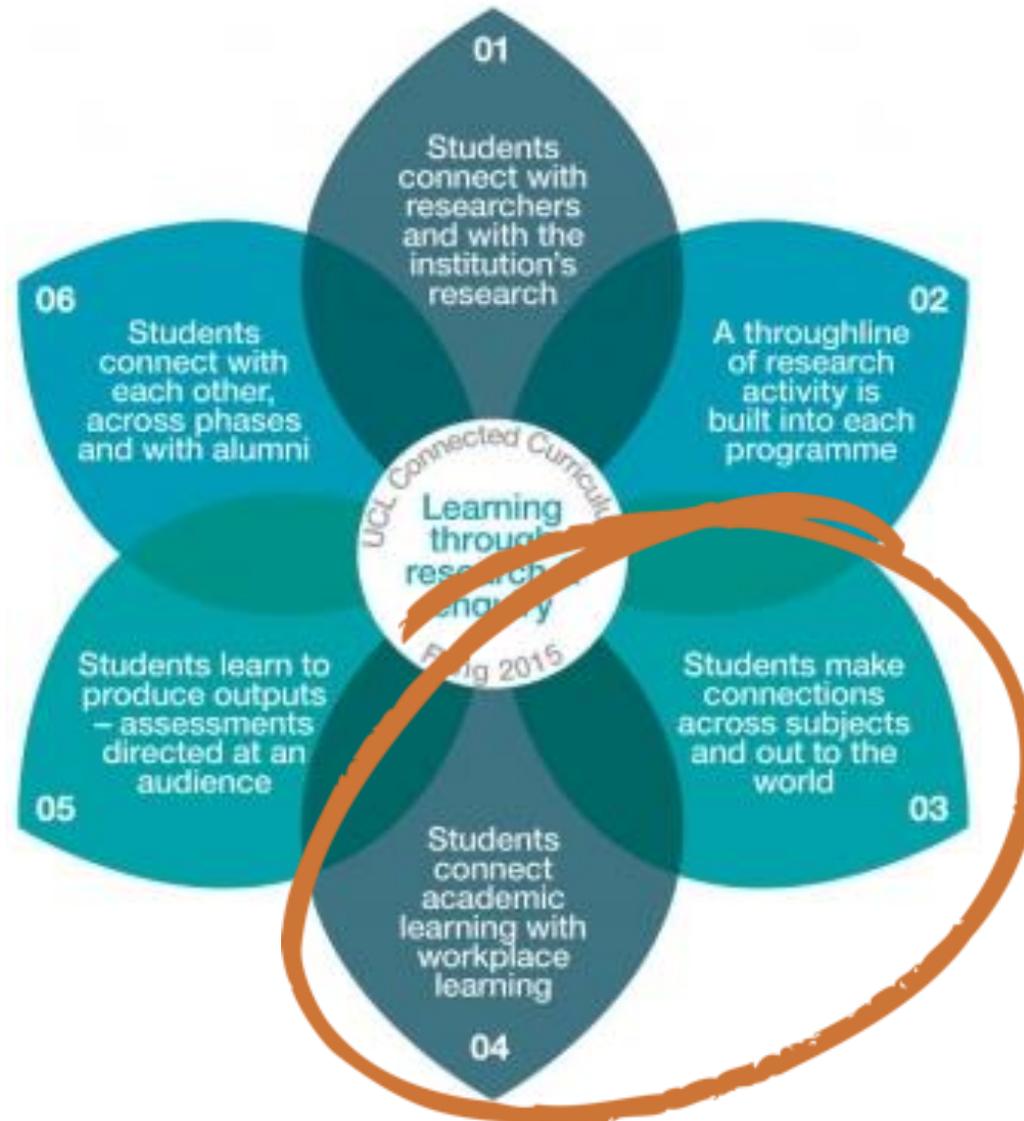
**Visiting Professors Conference:
What is excellent teaching in engineering?**
25 – 27 September 2017

Dr Alastair Moore

**Commercialisation of
science and
technology enabled
innovation holds the
key to balanced and
sustainable growth
across the world**

Connected Curriculum aims to ensure that all UCL students are able to learn through participating in research and enquiry at all levels of their programme of study

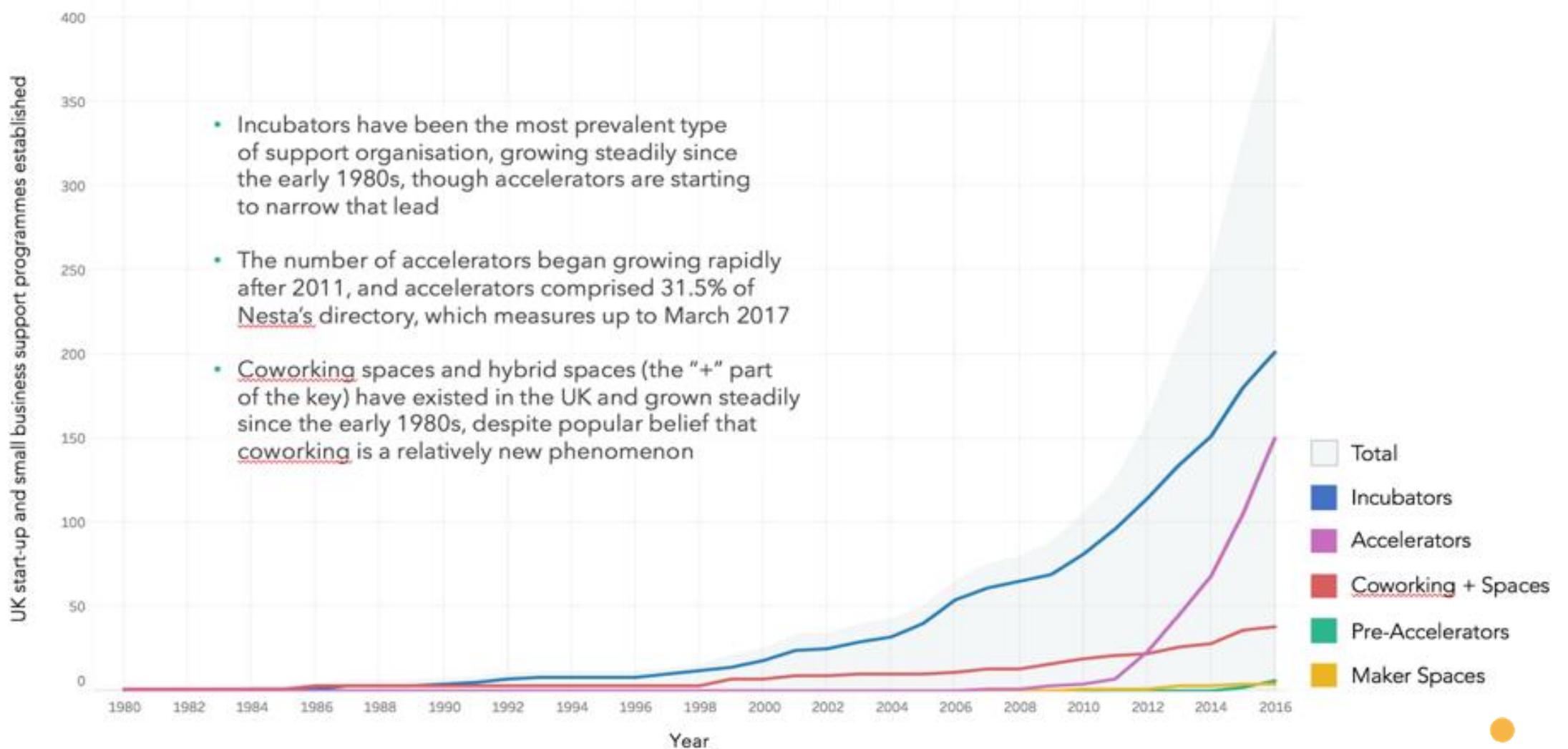




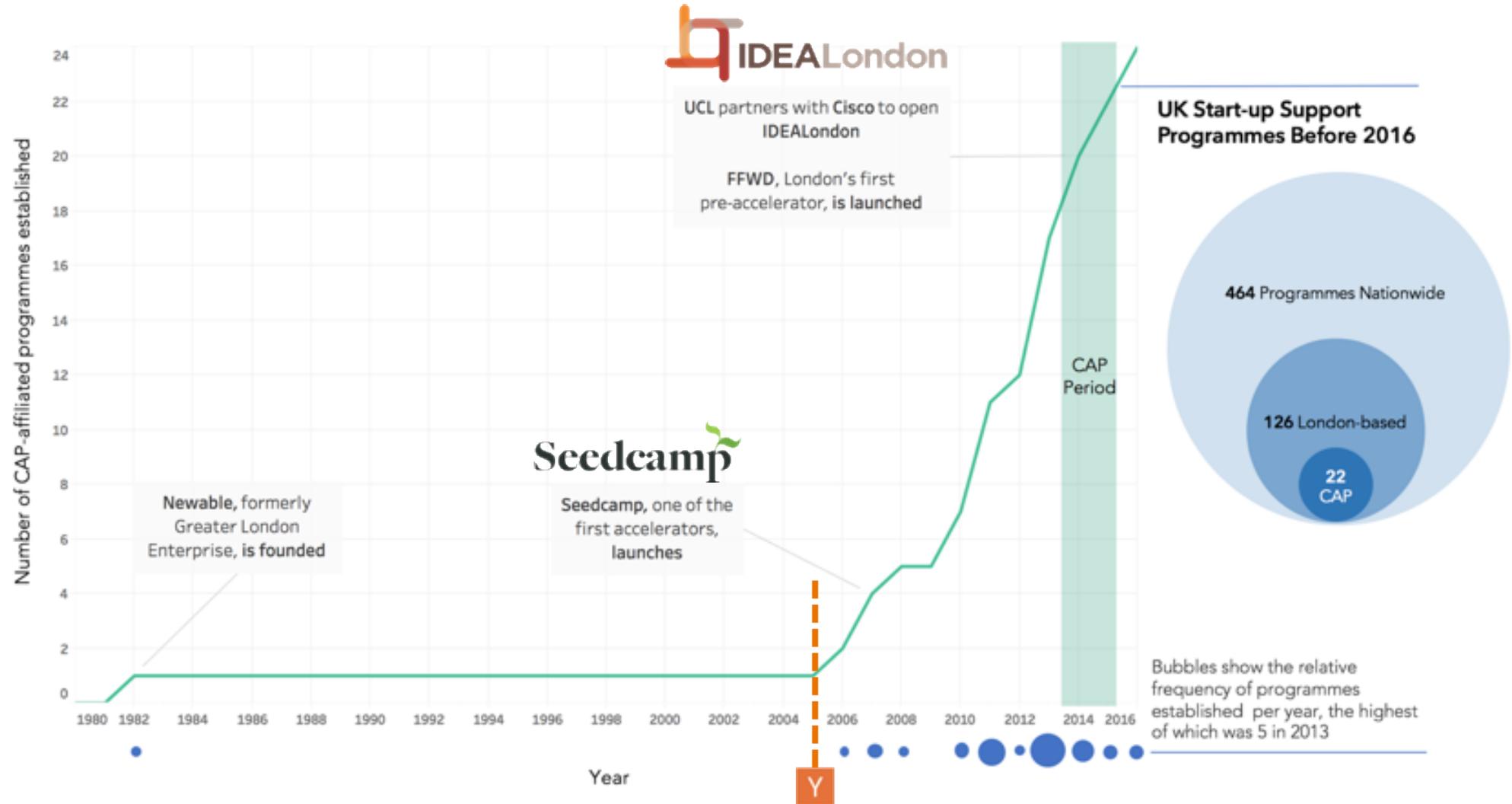
2010 Thesis

- **Innovation and commercialization are core activities**
- **Key to understanding commercialization opportunities is to understand market opportunities**
- **To understand and develop expertise in markets, you and your team must be actively working in markets**
- **This means working with non-university originated companies, not just university IP**
- **Recent models of engaging in companies include corporate partner, funded accelerators**

UK start-up and small business support grew exponentially after 2009



Majority of CAP-affiliated programmes launched after 2010



Capital Accelerator programme

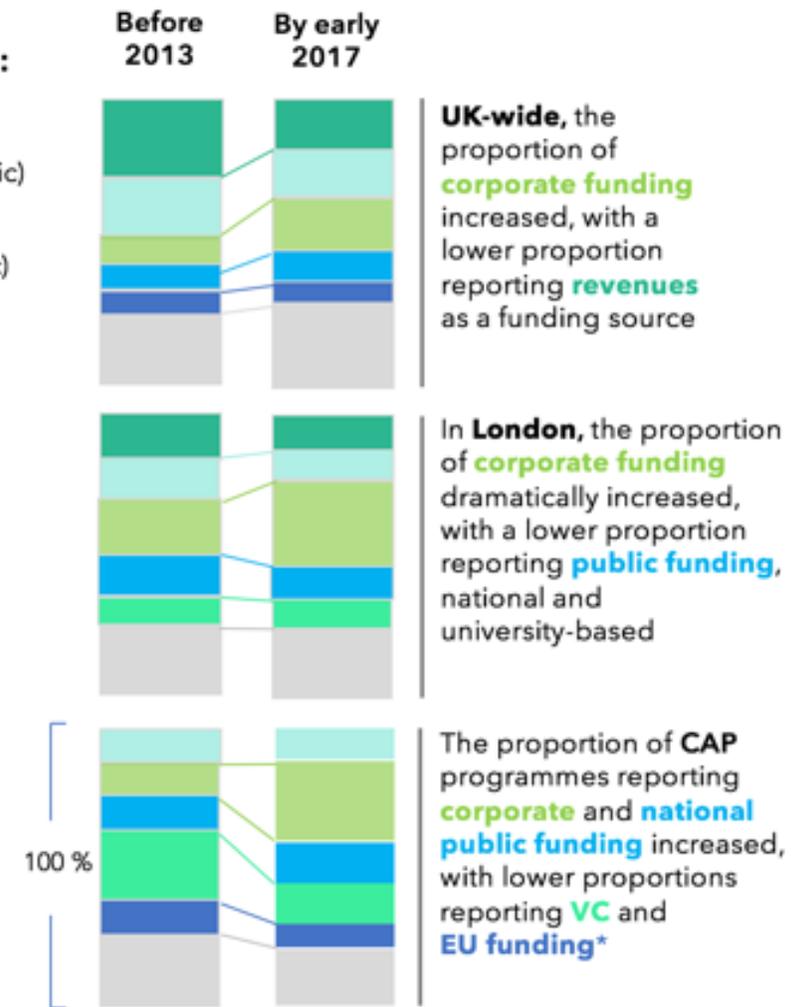


- 2013-2015
- £3.8M
- 20 delivery partners
- Delivered mentoring/support to more than 700 firms
- Supported the creation of 308 jobs
- Safeguarded 149 jobs
- Helped participating companies raise £36.8M
- 287% more than the project's target
- Return of more than £9 for every £1 invested

Corporate Funding Increases Most of Any Top Funding Source (2012 – 2017)

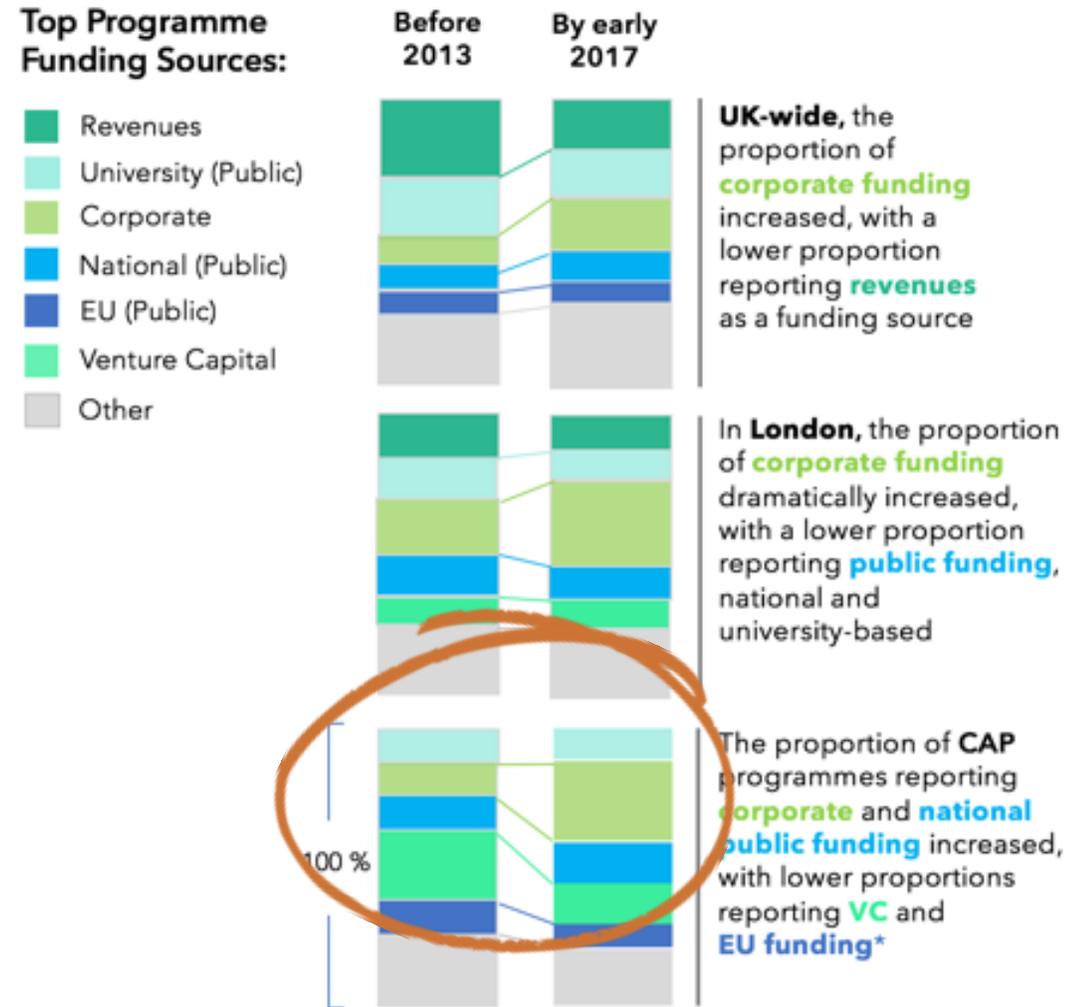
Top Programme Funding Sources:

- Revenues
- University (Public)
- Corporate
- National (Public)
- EU (Public)
- Venture Capital
- Other



*Note, all CAP partners received EU support via the programme, but not all reported EU funding support in the Nesta data. In addition, many programmes report multiple funding sources.

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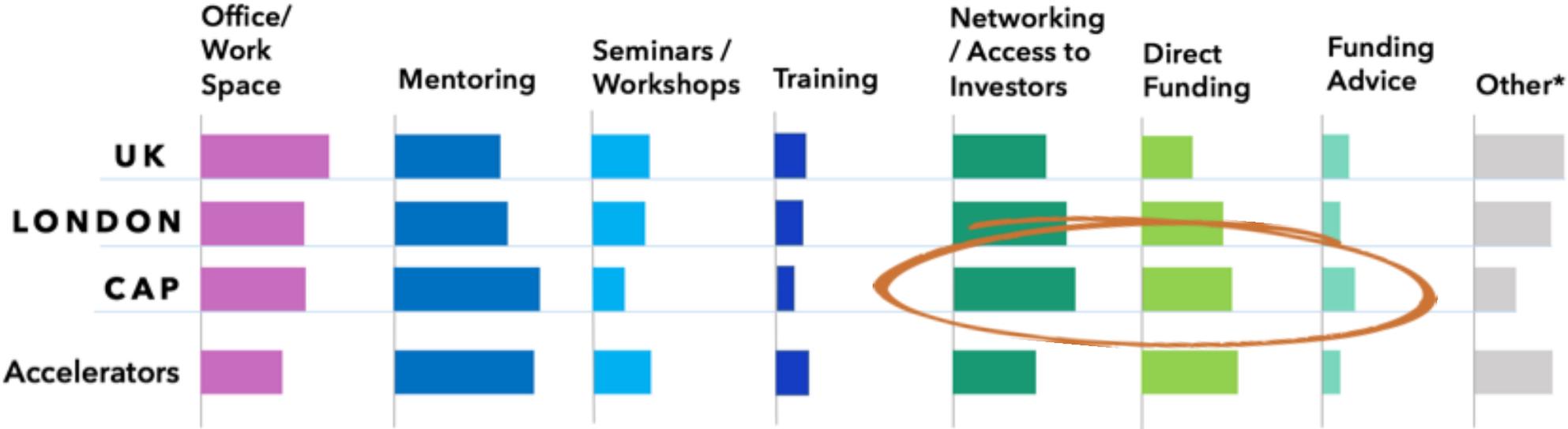






Top Support Services Provided by UK, London & CAP-affiliated programmes as well as accelerators overall

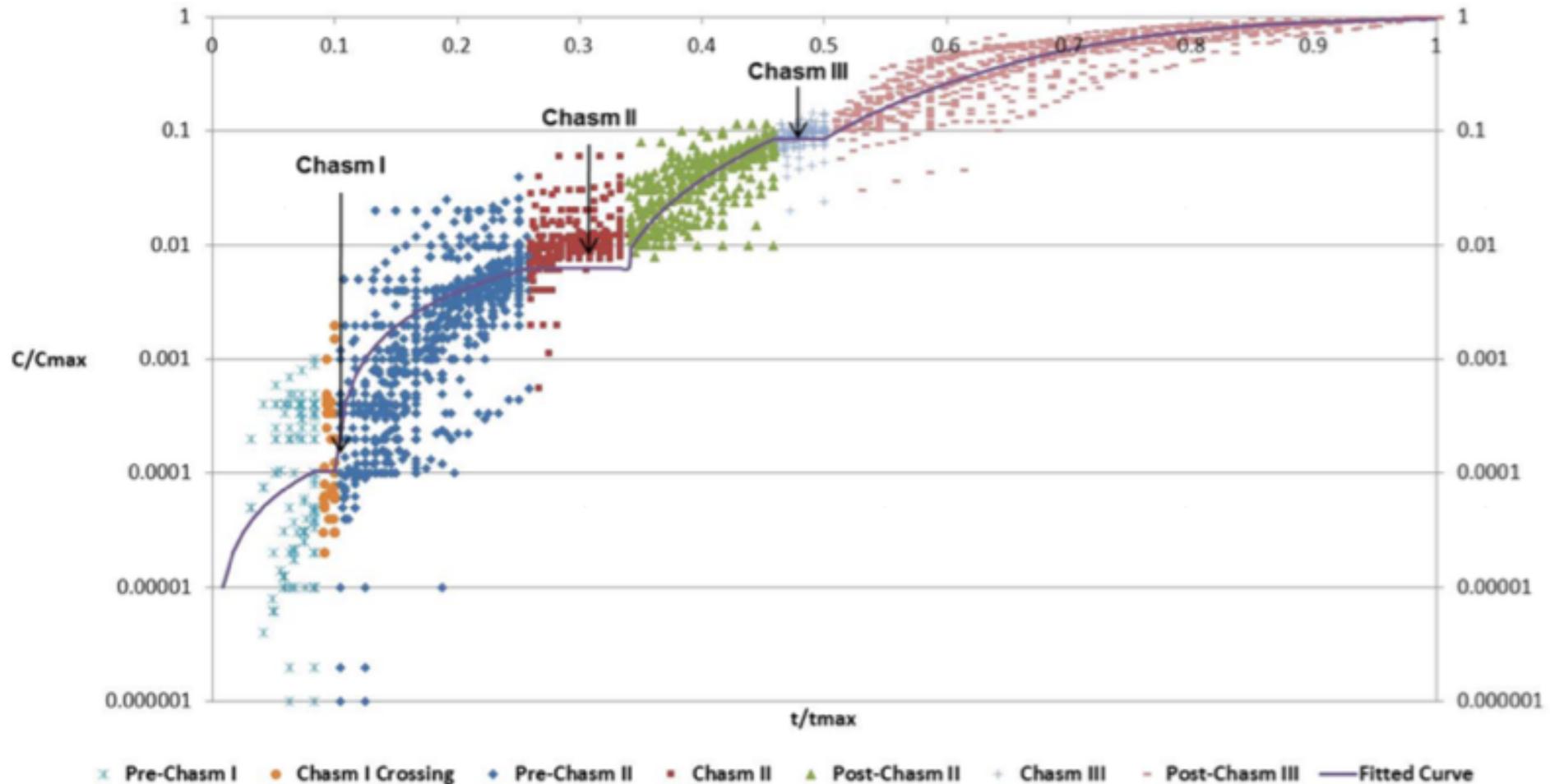
Higher proportion of CAP organisations provide services consistent with goal of funding, capital attraction



Bars represent counts of programmes (launched before 2016) reporting to provide a given type of support.

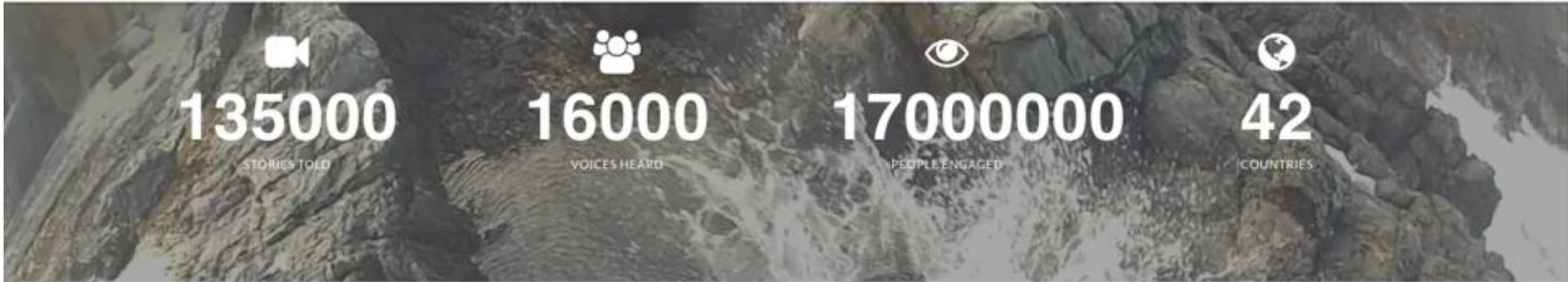
* Support types included in the "other" category are: demo days; access to experts; investment readiness; legal, accountancy, and tech support; and lab space.

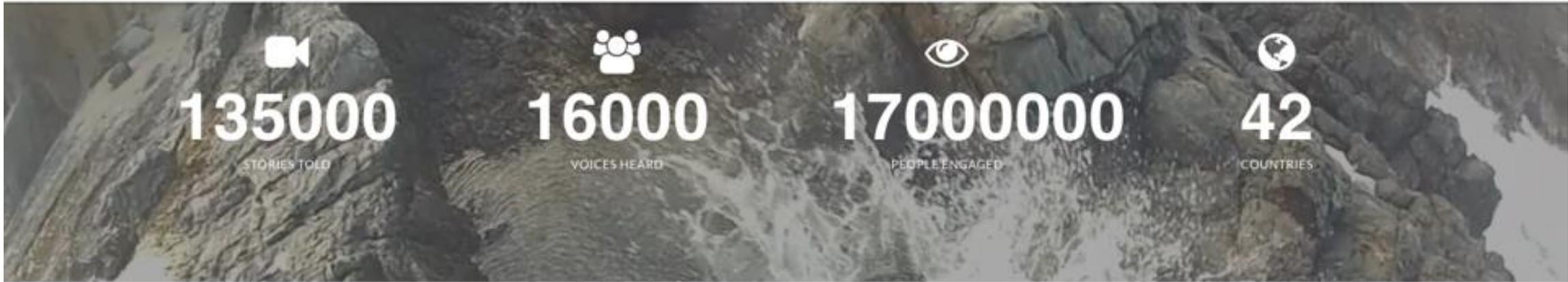
The Triple Chasm Model



Growth behaviour of firms is described by diffusion & discontinuities

Source: Phadke & Vyakarnam, 'Camels, Tigers & Unicorns', World Scientific Publishing, London, 2017





WIRED

Europe's 100 Hottest Startups 2017

Seenit

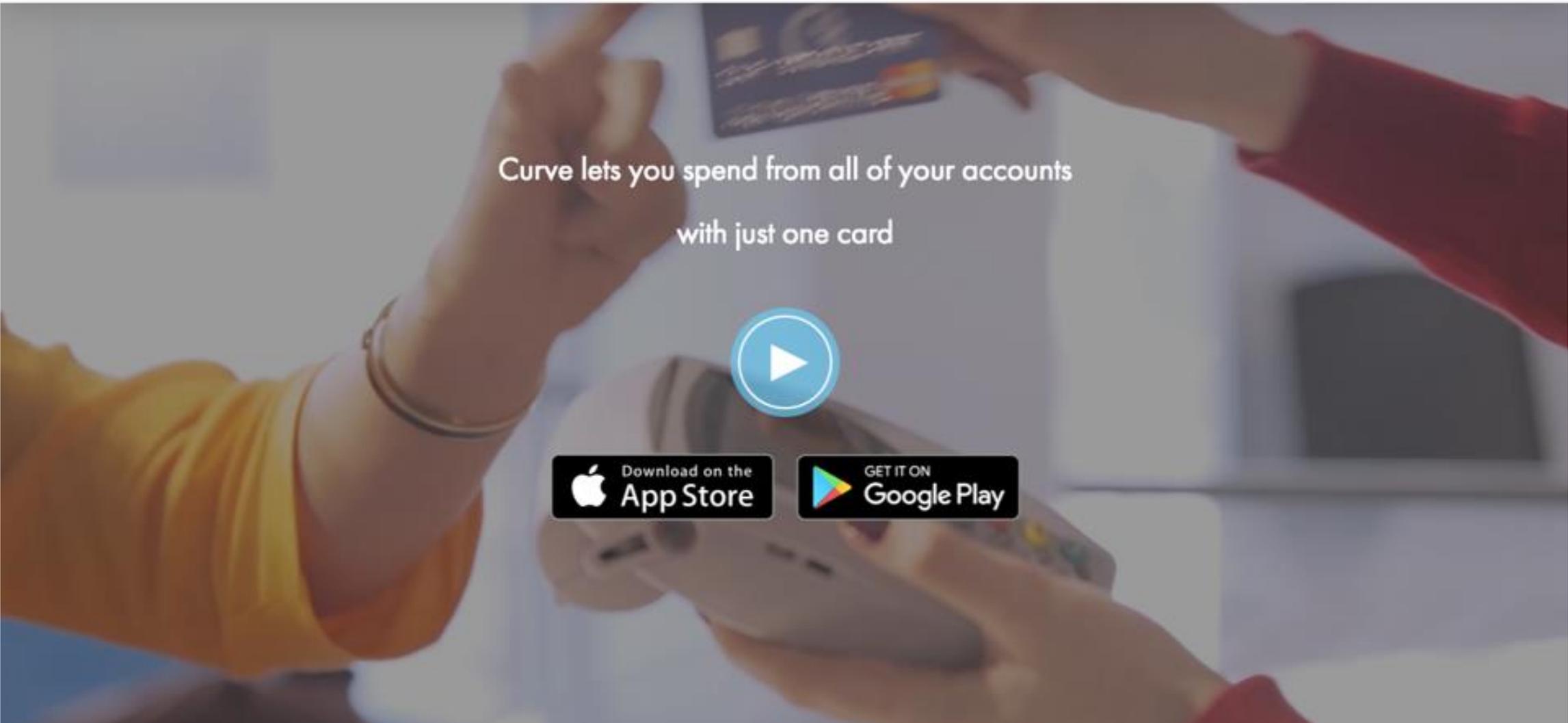
Need a film crew? Seenit will find you one in the crowd. Emily Forbes' content startup, launched in 2014, was founded on a simple observation: with almost everything being filmed on smartphones, why isn't that footage used more? Seenit's invite-only app, Forbes says, ensures it can offer high-quality footage from uploaders, while users can commission footage and edit in the cloud. The company says it already has more than 100 clients - including big names such as Unilever and adidas - and brings in over £2.3 million in subscriptions. seenit.io

Habito founder Daniel Hegarty

Habito

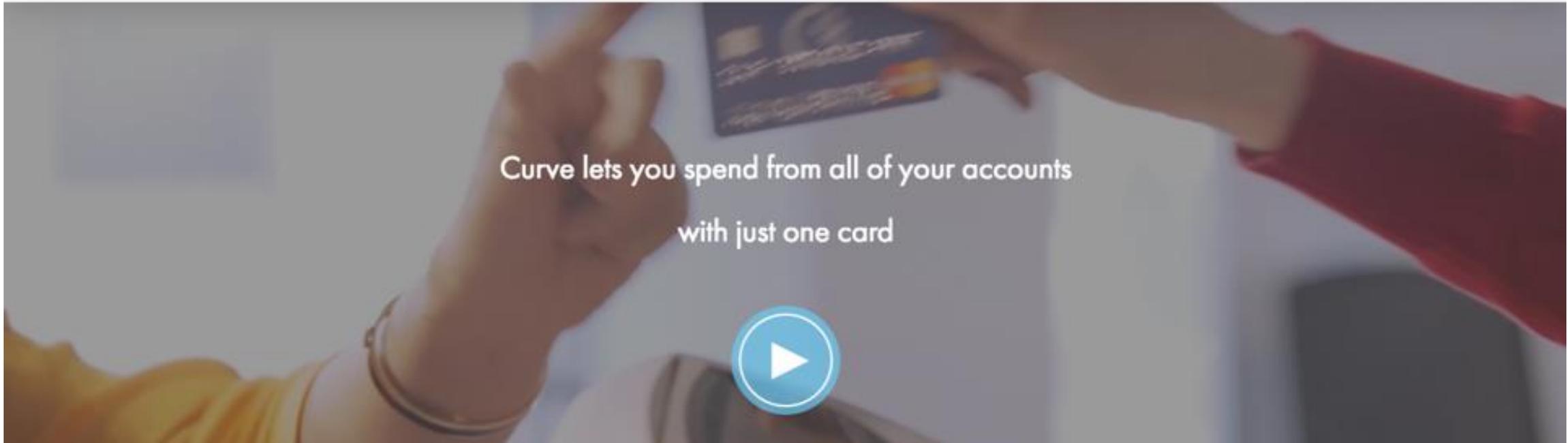
Another UK star in the growing pro scene, Habito will make it easier for a mortgage, really terrible s





Curve lets you spend from all of your accounts
with just one card





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Posted Jul 11, 2017 by [Steve O'Neil](#) (author)



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ALPHAGO
01:58:30

LEE SEDOL
01:59:41

Mind
Match

AlphaGo Lee Sedol







Salesforce Einstein

is artificial intelligence

for everyone.



PredictionIO

Industry Partner ROI

Benefit	Beneficiary	Potential Metrics
Corporate Strategy & Product Development	Product Development	# Insights delivered to product development teams # Investment recommendations to Corporate Strategy team
Customer Engagement	Account Teams	# Innovation Briefings # Innovation Workshops # Innovation Engagements
Developer Engagement	Solution Development	# Accredited start-ups \$ Resale revenues associated \$ Complementary revenues
General marketing benefits including brand and CSR	Marketing	# PR moments (associated with sponsored start-ups)

Connected Campus aims to ensure that all UCL students are able to learn alongside leading innovative companies at all stages of their development



About the data

- **Source:** Bone, J., Allen, O., & Halley, C. (2017). Business Incubators and Accelerators: The National Picture. [pdf] London: UK Department for Business, Energy & Industrial Strategy.

Available at <https://www.gov.uk/government/publications/business-incubators-and-accelerators-the-national-picture>

- After removing duplicative entries, the Nesta directory lists **539 startup support programmes** operating in the United Kingdom, 25 of which were associated with CAP
- Some CAP members, such as crowdfunding platforms and business angels, did not fall under strict definitions for incubators or accelerators and are labelled as “other”
- The nature of how data was gathered by Nesta means that some organisations have multiple programmes (e.g., Startupbootcamp FinTech and Startupbootcamp InsureTech) that are listed multiple times in the data
- Data was collected by Nesta through surveys and webscraping until March 2017

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