

# Case-study: BCS, The Chartered Institute for IT

## 1) Description of initiative(s)

- Linking Technical Talent to Future Growth Needs. BCS, the Chartered Institute for IT supports the professional development of 70,000+ technology professionals through best practice sharing, technical accreditation and professional recognition. BCS specifically addresses the skills-alignment needs between corporates, education providers and future entrepreneurs by:
  1. Sharing entrepreneurial content with schools, aligned to the BCS-curated school Computing curriculum.
  2. Brokering members' skills into the innovation market as role models and expert mentors
  3. Facilitating pre-acceleration training with industry partners through our 'Technology Startup Schools'
  4. Seeding emergent best practice by accrediting new digital business disciplines like Agile.

## 2) What need does this solve for scale-ups?

(1) Coordination, connectivity and promotion	(2) Access to Skills	(3) Leadership Capacity Building	(4) Customers (Domestic & Export)	(5) Financing	(6) Infrastructure
BCS Entrepreneurs SG is a 400-strong non-member inclusive, expert group identifying and addressing business technology skills needs for entrepreneurs. The group is building a dedicated profiled resource-pool of expert mentors with associated recommendations and skills profiles.	Initiatives like the 'Countdown to Computing' programme leverage BCS's Network of Excellence backed by 70 universities and 400 Master teachers, creating a waterfall of development for 11,000+ teachers. New certifications like Agile or Information Assurance modernise and digitise the IT talent pool.	BCS facilitates: soft mentoring skills to IT professionals; speed mentoring to entrepreneur members; 200+ strategy consultants to the BIS growth vouchers programme; expert clinics to accelerators like FFWDLondon; a CTO in residence to UCL; and entrepreneurial technologists as role models to UK schools.		Tech Startup Schools include Raising Finance, delivered as a key module. Experienced commercial IT pros help businesses with late stage growth through our MoU with the 1,000 strong livery company.	

## 3) Which stakeholders in the ecosystem are involved with running this?

Entrepreneurs	Ecosystem umbrella organisations	Government (national/ local)	Private sector	Investors/financers	Education providers
400+ as members, plus ecosystem-wide engagement through collaborative work groups.	Capital Enterprise, Tech UK, TechCity UK, TechLondon Advocates, Capital Enterprise, Enterprise Nation.	BIS (Growth Vouchers), DfE (Computing Curriculum), CDE Catapult.	Microsoft, Google, BT, Deloitte, IBM, HP.	Whitehorse Capital, Ariadne Capital, Angels e.g. Anil Hansjee.	UKCRC – research CPHC – Universities Computing at School.

## Example activities

### 4) What does success look like? What impact/outcomes are expected?

#### Aspirations

- Every school leaver should be computationally literate
- Technology Entrepreneurs will become e-leaders – adept in both technology and management
- IT professional should be continually reskilled for the cross-disciplinary working of the digital age

#### Goals

- The BT-sponsored Barefoot computing content will be delivered in 800 workshops to 12,000 teachers by May 2015
- The Microsoft-sponsored Countdown programme will deliver training to 1 in 5 computing teachers
- BCS Entrepreneurs aims to create 10+ talent partnerships with entrepreneur growth-supporters in 2014/15

#### Work in Progress

- Case CAS pool of teachers wanting training is growing by 500 per month (at June 2014)
- BCS Professional Mentoring platform will launch July 2014; 2 entrepreneur-facing mentor recruitment events will run in parallel
- Talent supply discussions currently in train with CDE Catapult, Apps4Good, GrowthAccelerator, Bathtub2Boardroom

#### Achieved

- 100% satisfaction with Technology Startup School mentor delivery
- 100 best-practice-sharing hubs within CAS
- 1,000 schools part of the Network of Excellence

#### Resources/ROI

- A team of 3 growing to 4 works on education. A part-time resource <0.5 people works on entrepreneur market engagement and productisation.