TechShop International

Paul Duggan
Managing Director
The Maker Moment

• Google started in March 1996……..that is where we are now in the development of the Maker Movement

• What is a Maker? Cory Doctorow has written a novel, Makers, described as "a book about people who hack hardware, business-models and living arrangements to discover ways of staying alive and happy even when the economy is falling down the toilet"

• ‘Maker-Culture’ re-brands pursuits and processes that extend into prehistory — making things and communicating how

• Everything old is new again……..rediscovering old skills…..pleasure and the enjoyment of making
The Maker Moment

• Making things always combines form with function; the art of making should be appreciated and celebrated

• Makers are the new engine of economic development. New generations and types of SMEs are being created

• Scale matters……but in a new, different, transformative manner

• Distributed, low-volume manufacturing

• Makers don't have to change the world all by themselves -- traditional economic groups like financial investors, big companies and even government and non-profit makers are the drivers in a way they never have been before
TechShop
Membership-Based, Open Innovation Platform, Rapid Prototyping Facility
(Open Access Maker Space)
Democratizing Access to The Tools of Innovation
TechShop

- 1,600 - 2,000 m² workspace
- €100 per month
- Access to Machines, Tools & Design Software
- 100’s of Classes
- Supportive & Creative Community
- Events & Workshops
- Professional & Highly Trained Staff
TechShop’s Mission

Drive Global Innovation by Engaging, Enabling and Empowering Anyone to Build Their Dreams
Major Partners

- Ford
- DARPA
- Department of Veterans Affairs
- Lowe's
- GE
- Autodesk
- Arizona State University
Machine Tools
Machine Tools - CNC
3D Printing
Laser Lab
Sheet Metal
Welding
Wood Working
Plastics
Software and Electronics
Textiles
Team and Group Events
Community
Business
Born at
TechShop
DODOcase
for iPad

- Co-Founder Patrick Buckley
- $1M Revenues in 90 day
- 30 Employees
Square, Inc.
Mobile Payments Device

- Co-Founder James McKelvey
- $8B in Mobile Payments Processed Annually
- 200 Employees
Clustered Systems
World’s Most Efficient Server Cooling System

- Phil Hughes
- CEO, Founder
Lumio
Innovative Lighting

• Founder Max Gunawan
• Sold More than 4,000 Lamps
• Raised More than $570K on Kickstarter
Oru
Origami Kayak

• Founders Anton Willis and Ardy Sobhani
• Sold More than 500 Kayaks
• Raised More than $440K on Kickstarter
Chris Chalmers
Artist
Nick Koshnick
(Ag Start-Up)

Solum, Inc.
Agricultural Green Technology – Reduces Use of Fertilizers and Nitrogen Runoff
TechShop Europe – Industry Segments

- Automotive
- Aerospace
- Design
- Fashion
- Energy / Renewables
- Medical Devices / Life Sciences
- Hardware Start-Ups
- Technology Innovation
- University / Third-Level Institutes
TechShop Europe – Partnership Model

- Social Entrepreneurship
- TechShop seeks partners to secure business model at opening
- Partners are State and City Administrations, Academic Institutions, Industry Clusters, SMEs, Startups
- B2B model at inception quickly expanding to include individual users
- Community outreach central to our mission
TechShop Europe – Partner Benefits

- Quick start – Operational in 6 months
- TechShop key enabler for local economic development
- Cluster effect – TechShop is a magnet for SMEs and Start-Ups
- Unparalleled pricing model; facilities cost significantly less than in-house
- Best location to develop multi-disciplinary projects
- Rapid project turnaround
- Low volume manufacturing
- Customisation for specific cultural and location requirements