Taiwan Rapid Innovation Prototyping League for Entrepreneurs
Match-making platform to connect global hardware start-ups with reliable hardware partners in Taiwan

▷ Government initiative (Department of Industrial Technology, Ministry of Economic Affair)
▷ Executed by ITRI (Industrial Technology Research Institute)
▷ Funded on April 2015
“You can’t spell hardware without the hard part.”

Manu Kumar, K9 Ventures
75% of the crowdfunded projects are delivered late.

The larger the project, the more likely it will be delayed and the longer it will be delayed.

Prof. Ethan Mollick, University of Pennsylvania / Wharton
Build Hardware Needs Full Stack of Engineers, but Start-up Usually Starts from Small Team
Wrong Manufacturers
Not Familiar with Costs Behind
Prototype Unproduceable
Hardware Suppliers are Your Most Important Partners

▷ Not service providers. They are partners who control cost/schedule/quality in the hope for next big product.

▷ Early involvement gives you feasibility to develop final design.

▷ Long term relationship
Connect with Different Outsourcing Partners

IDEA
PoC
Design
EVT
DVT
PVT
MP

Start-up
Start-up
Start-up
Prototype Consulting

EMS/DFM
ODM/OEM
Design House
Design Consulting
EMS/DFM
DFM Consulting
Certification, Logistic Consulting

Non-profit R&D Org.

University Resources
Tech./Info./Textile/Food/Metal/Biotech/Ship&Sea/Automotive
Trend & Direction

Commercialization

450+ industrial members
Why Taiwan?
Comprehensive Ecosystem

- Industry clusters
- Startup ecosystem
- Key leader on electronics supply chain

- Match-making platform for hardware startups

- Healthy ecosystem for innovation & startups & push IoT industry
Comprehensive Supply Chains & Industrial Clusters

- **Hsinchu**
  - IC manufacturing
  - Optical
  - Bio technology

- **Taichung**
  - Semiconductor and
    Optical
  - Bio technology
  - Automation

- **Changhua**
  - Green energy
  - Surface treatments

- **Tainan**
  - Optical
  - Automobile parts
  - Mechanical automations

- **Kaohsiung**
  - Petrochemical
  - Boat components and assemble
  - Metal enhancement
  - IC, Optical, Communication and Green energy

1.5 hrs by high speed rail

**Nangang**
- IC design
- Digital content
- Bio technology

 Ranked #1 and #2 in “State of cluster development” in 2013 and 2014 (WEF’s Global Competitiveness Report)
Key Player of Global Electronics Industry Supply Chains

▷ IP Protection
▷ High quality & customization
Friendly Startup Ecosystem
Asia Silicon Valley Development Plan

▷ Create a healthy ecosystem for innovations and startups
▷ Push IoT industry and development
Why TRIPLE?
TRIPLE
Dedicated PM

Referral
▷ Funding
▷ Government resource (Asia Silicon Valley)
▷ Business connection

Value Added
▷ non-profit R&D org.
▷ Marketing exposures (e.g. tradeshow)

Resource Sharing
▷ Key components acquisition & pricing
▷ Startups cooperation
▷ Sales channel
▷ Bundle

Match Making
▷ PM with Industry background
▷ Local network and references
▷ Proactively explore resources
Taiwan’s Warm Hospitality
Snapshots

International Cases: 40%
Projects/Year: 100+
Successful Cases: 70+
Turn body into immersive controller for VR

Smart suitcase

Smart home cider making system

Robotic pet sitter

Relaxation headset

Heart disease monitoring

Personal medication device (PoC)

Wearable VR Camera

Industrial smart glass

Water extractor

Smart remote
TRIPLE makes innovation happen
Thanks!

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