

Shenzhen

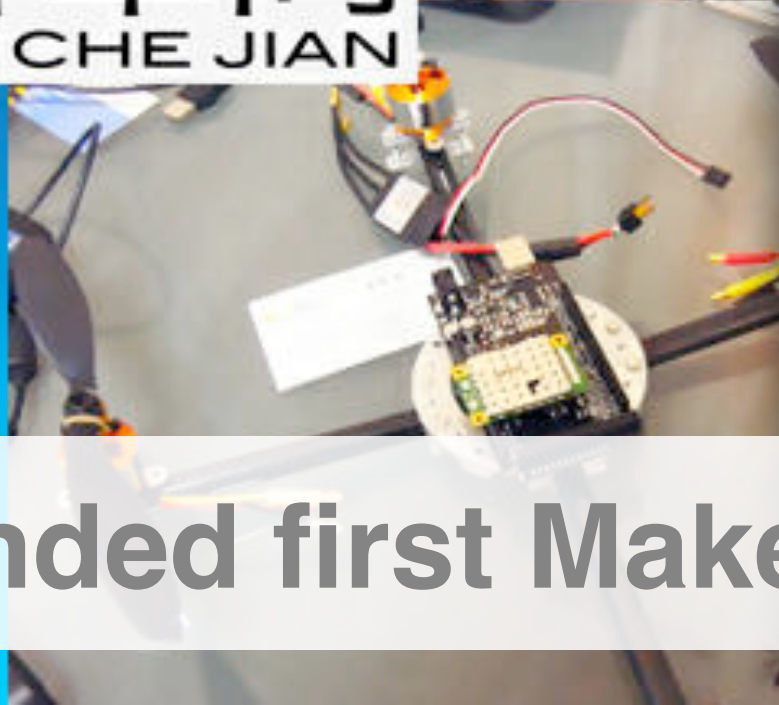
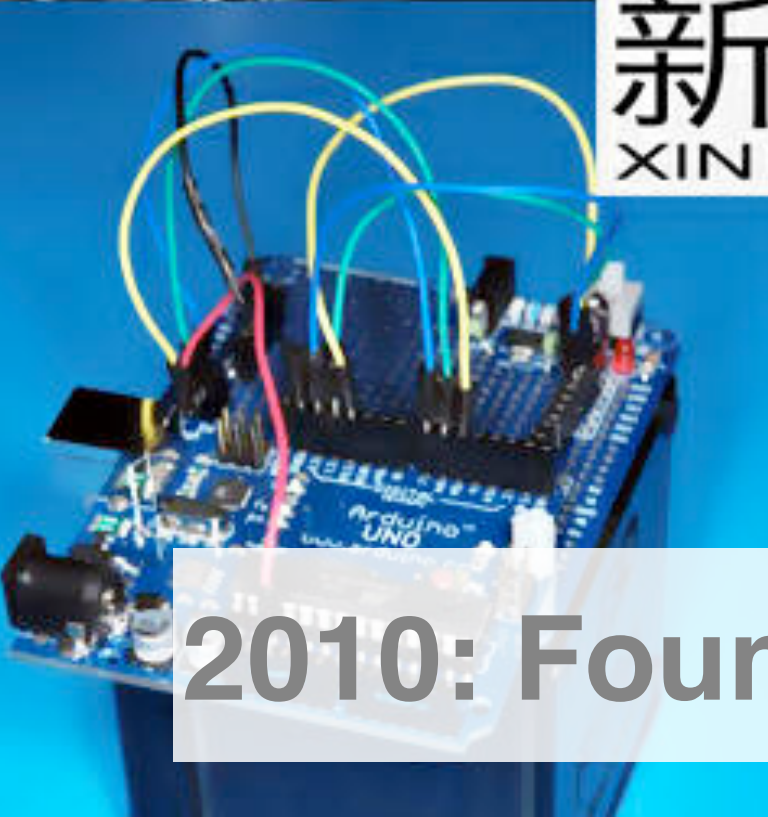
Smart Hardware From The Street





新车间

XIN CHE JIAN



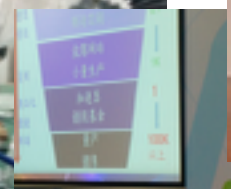
2010: Founded first Makerspace in China

东方早报
www.dfdaily.com

www.dfdaily.com

Silvia Lindtner Recap: Created In China
Tuesday, October 8, 2013 | By Alex Gold
TAGS: Top Stories accelerator annenberg innovation lab Arduino china Chinese Ministry of Culture Chuangxi digital technology DIY ethnography hackerspace incubator innovation it development open source

Shanzhai: China's Collaborative Electronics-Design Ecosystem
In Shenzhen, there are hundreds of smart watches, not just design prototypes. Here's why.
SILVIA LINDTNER, ANNA GREENSPAN, AND DAVID LI | MAY 18 2014, 2:13 PM ET



ParisTech REVIEW:

INDUSTRIES BUSINESS SOCIETY SCIENCE



ESAY
In China, Lessons of a 'Hackerspace'
Do-it-yourself hubs are giving a boost to...

SX.SCHE

Imitation as Innovation: Lessons from the Shanzhai

From watches, bags and shoes to cars -- you can find thousands of coordinated networks of innovators we love in the U.S., after they speed them to one of the world's most devastatingly low margins. The problem with U.S. innovators is that they were built to be predicated on the cloud and the social network. Instead of learning to reorganize the way we do business -- build nothing from scratch.

The Economist World politics

Technology Quarterly: Q4 2013

Monitor

Made in China



The new shanzhai: democratizing innovation in China

David Li / Co-founder of Xinchexian (hackerspace) and Hacked Matter (think tank) / D

NEW! Guide to Selling Your Small Business
By Barbara Schenck
Published Aug 21, 2012

DIY
The Maker Movement Gains Ground in China
By Christina Larson | June 26, 2014

SX.SCHE

Made with Chinese Manufacturers



英特尔众创空间加速器发布会

IDE15



2015: Maker Collider



SZOIL

SHENZHEN
OPEN
INNOVATION
LAB

2015: Shenzhen Open Innovation Lab



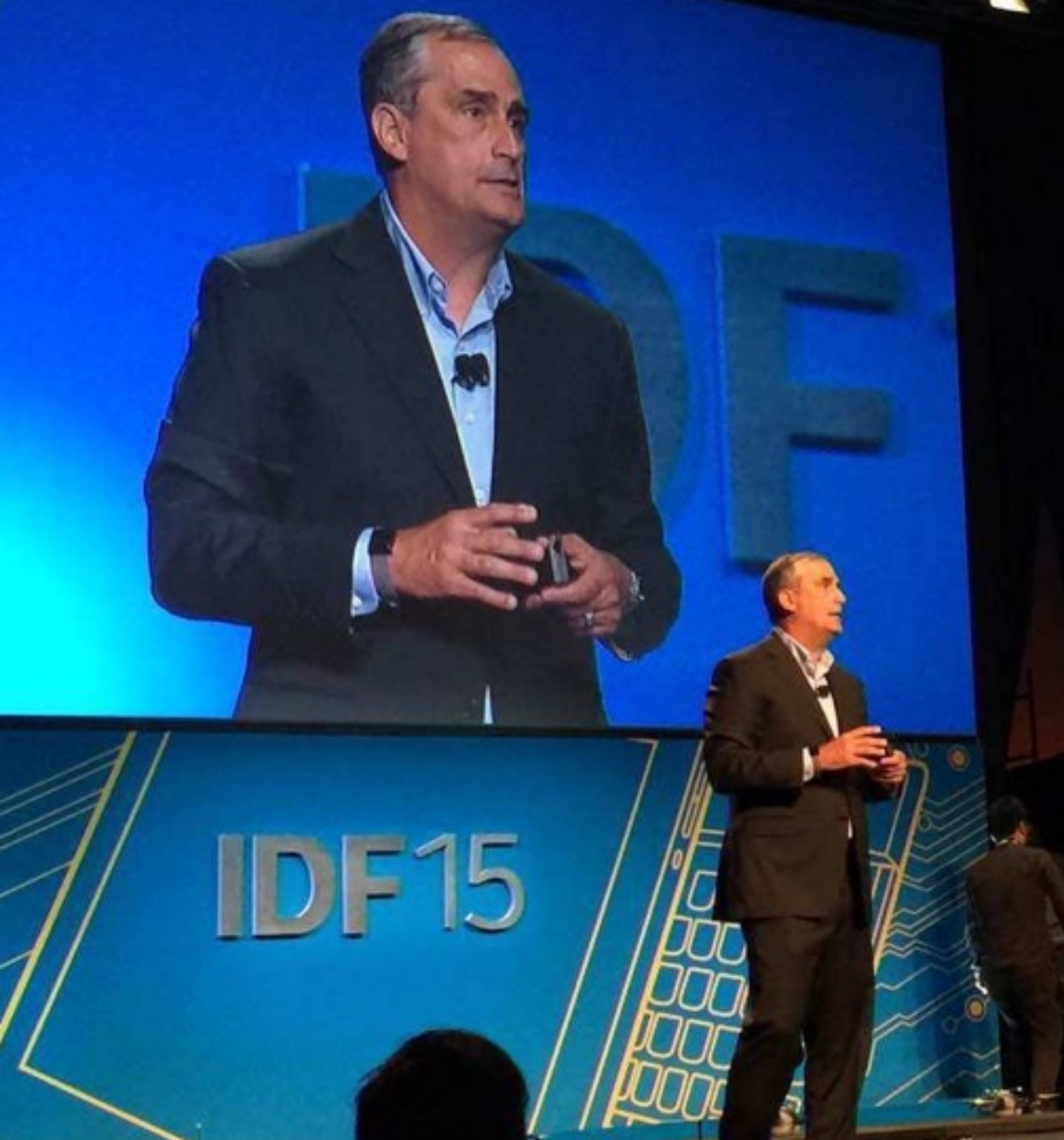
Shenzhen

Mass Factories





**Premier Li Keqiang visited Chaohuo Makerspaces
in Shenzhen on Jan 4, 2015**



2014/6/6
“There may be a ‘next big thing’ that comes out of that [Maker] community,” Krzanich said in Maker Faire

2015/4/5
Intel Mass Makerspace Accelerator

Global Internet Device Installed Base Forecast

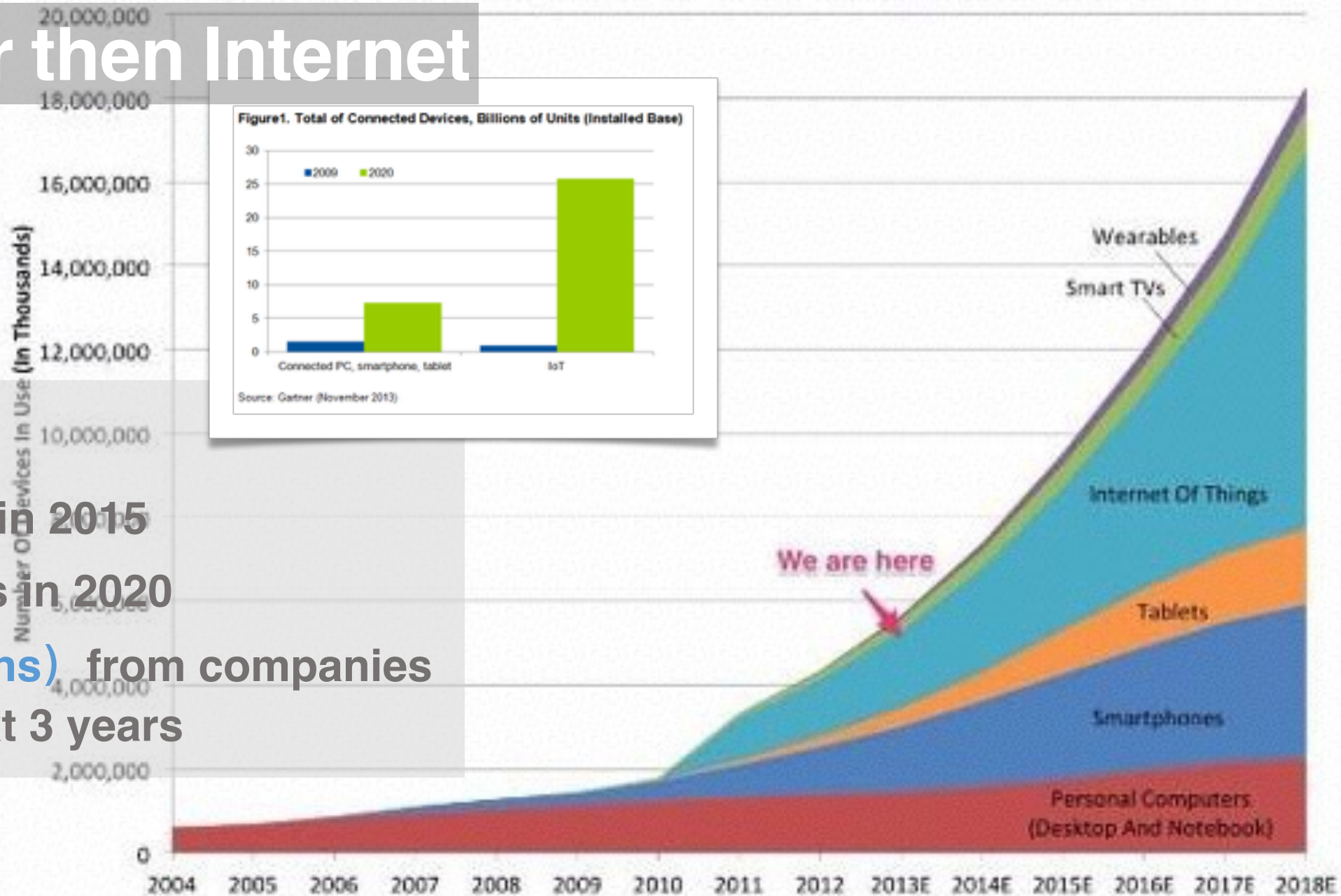
IoTs: Bigger than Internet

Gartner

5 Billions IoTs in 2015

25 Billions IoTs in 2020

50% (10 Billions) from companies founded in next 3 years



Makers Community

Open Hardware

Internet Sharing

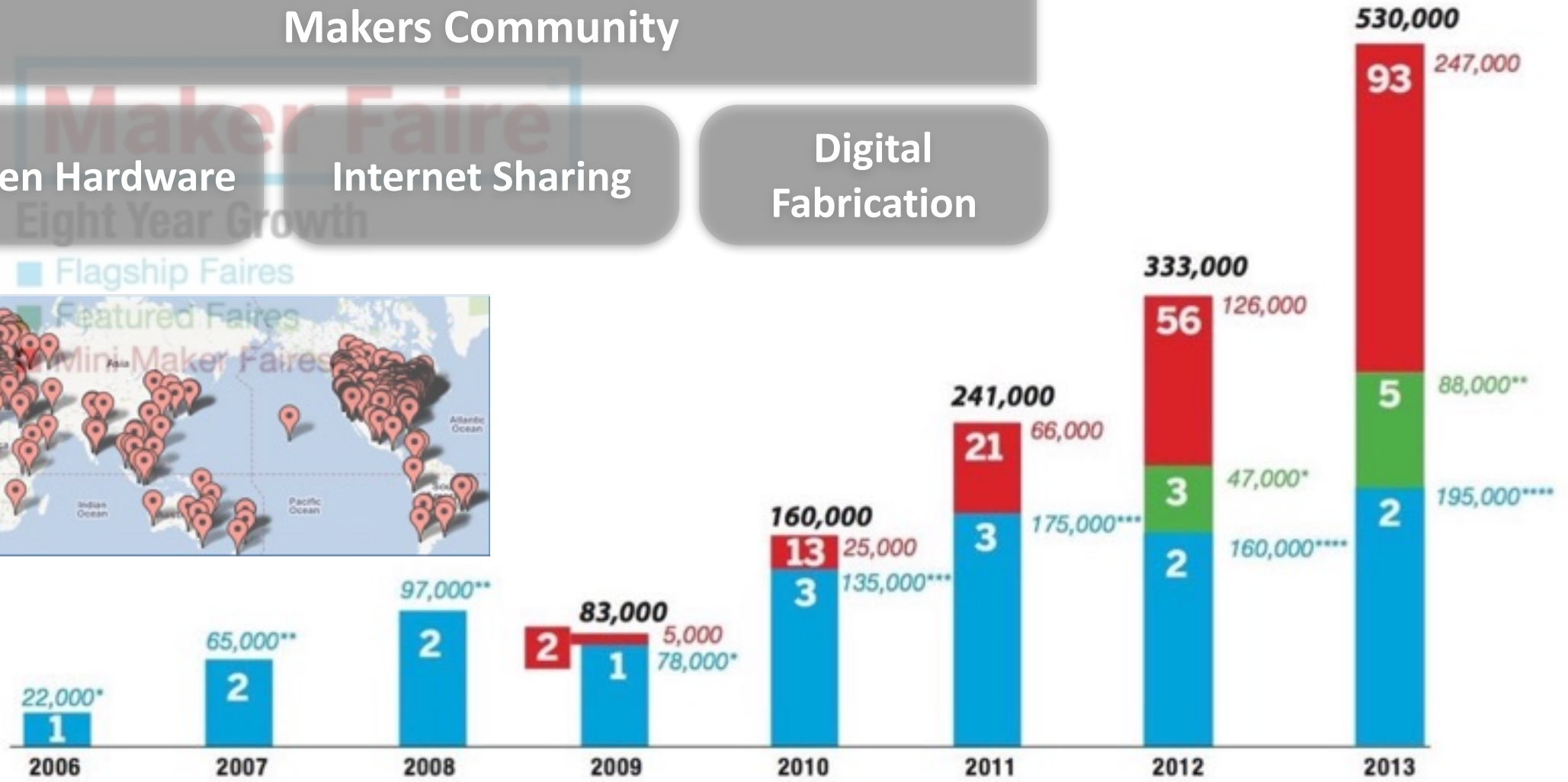
Digital Fabrication

Maker Faire
Eight Year Growth

■ Flagship Faires

■ Featured Faires

■ Mini-Maker Faires



* Bay Area Faire only
 ** Bay Area, Austin
 *** Bay Area, Detroit, New York
 **** Bay Area, New York
 *Detroit, Kansas City, Tokyo
 **Detroit, Kansas City, Tokyo, UK, Rome

Exponential Growth of Community

uArm: Put a Miniature Industrial Robot Arm on Your Desk

Crowdfunding: Close the Loop



uArm is an Arduino-powered desktop 4-axis parallel-mechanism robot arm, modeled after the ABB industrial PalletPack robot.

Created by

UFactory



1,263 backers pledged \$251,887 to help bring this project to life.

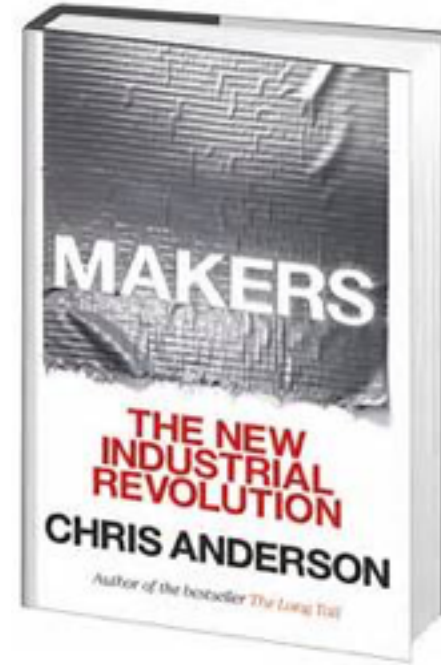
uArm

Put a Miniature Industrial Robot Arm on Your Desk

Makers + Crowdfunding: The Longtails of IoTs

Sales

Short head



Longtail



1 2 3 4

产品

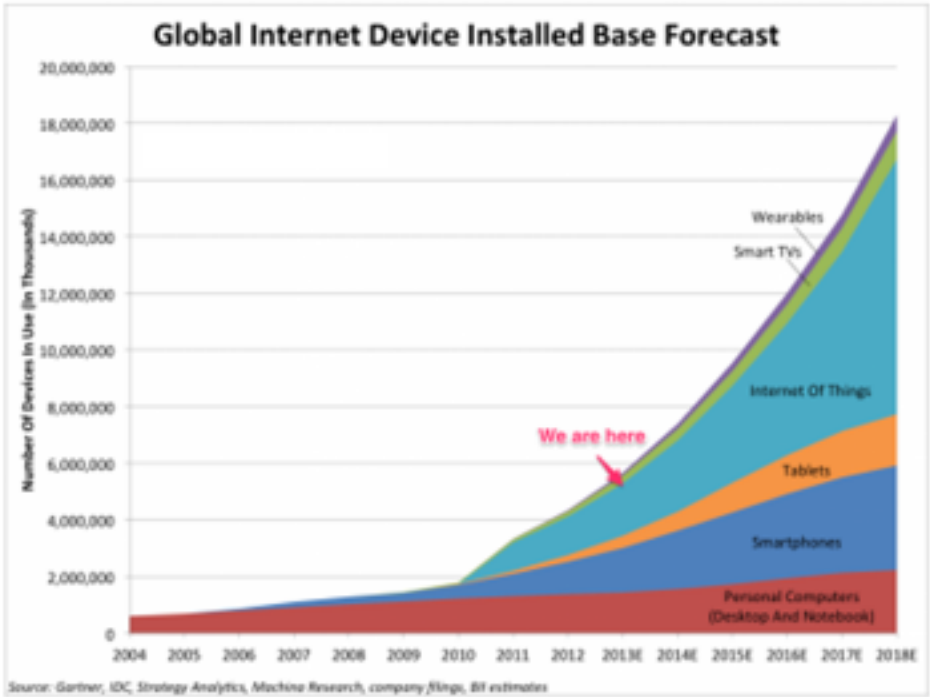
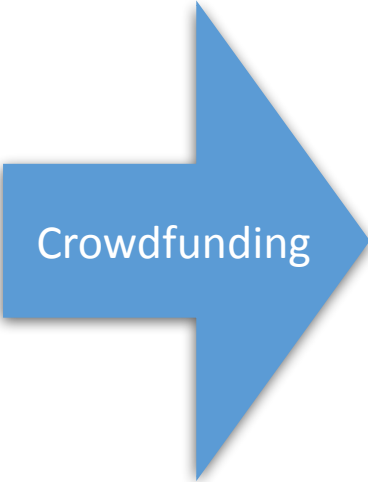


Maker Movement

Open Hardware

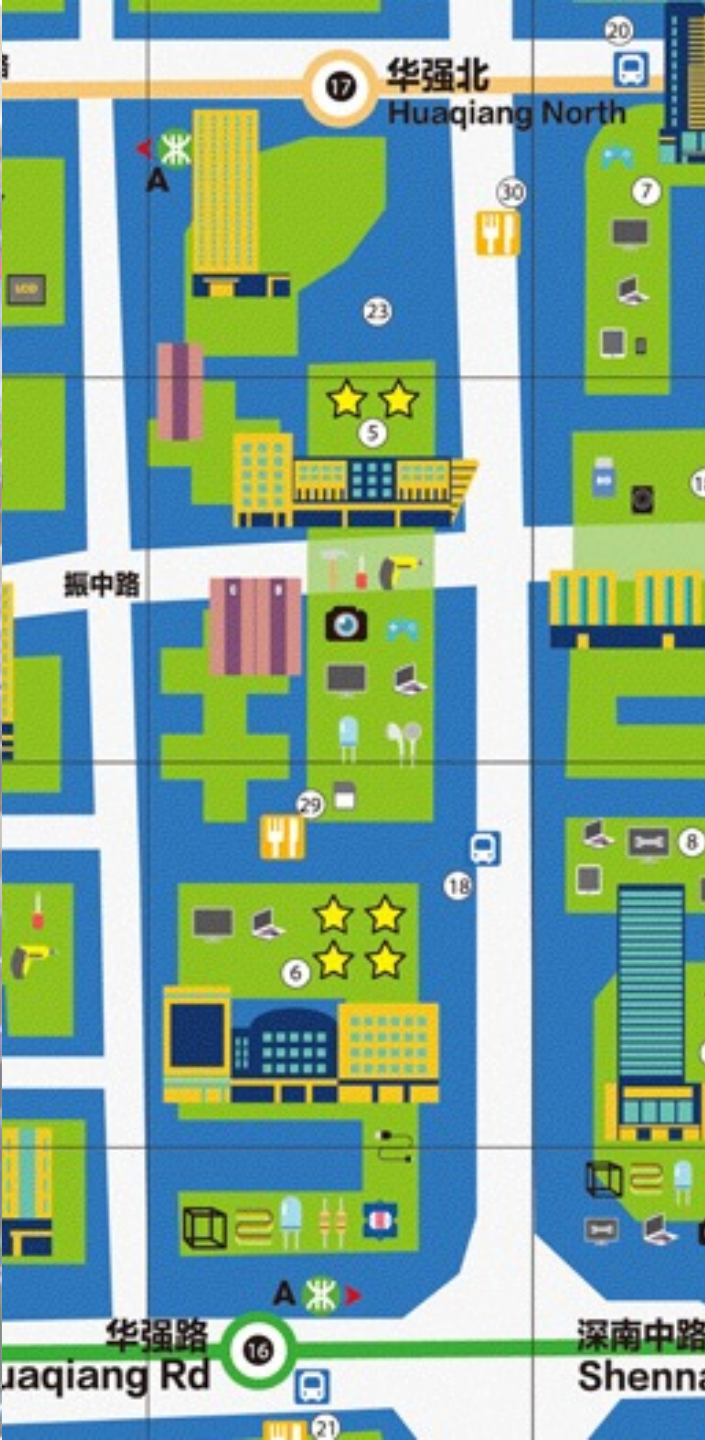
Digital Fabrication

Internet Sharing



Mass Innovation in IoTs

Huaqiangbei





Shanzhai: Folkart of Shenzhen

民间手工艺泛指劳动人民为适应生活需要和审美要求，自己创作，生产并使用，欣赏的。



ENMAC

Prayer phone for Muslim

哈佛通信
HAFF-COMM

BlackBerry



把互联网放进口袋

在手机上享受更自由的飞行

3.2" 纯平触摸
互联网智能手机
旋风9500



POTUS's favorite phone!

奥巴马的黑莓
我的BlackBerry旋风9500

WiFi GPS Bluetooth Windows Mobile

Shanzhai: (long)tail wag the dog

Sales

Short head

NOKIA



Longtail

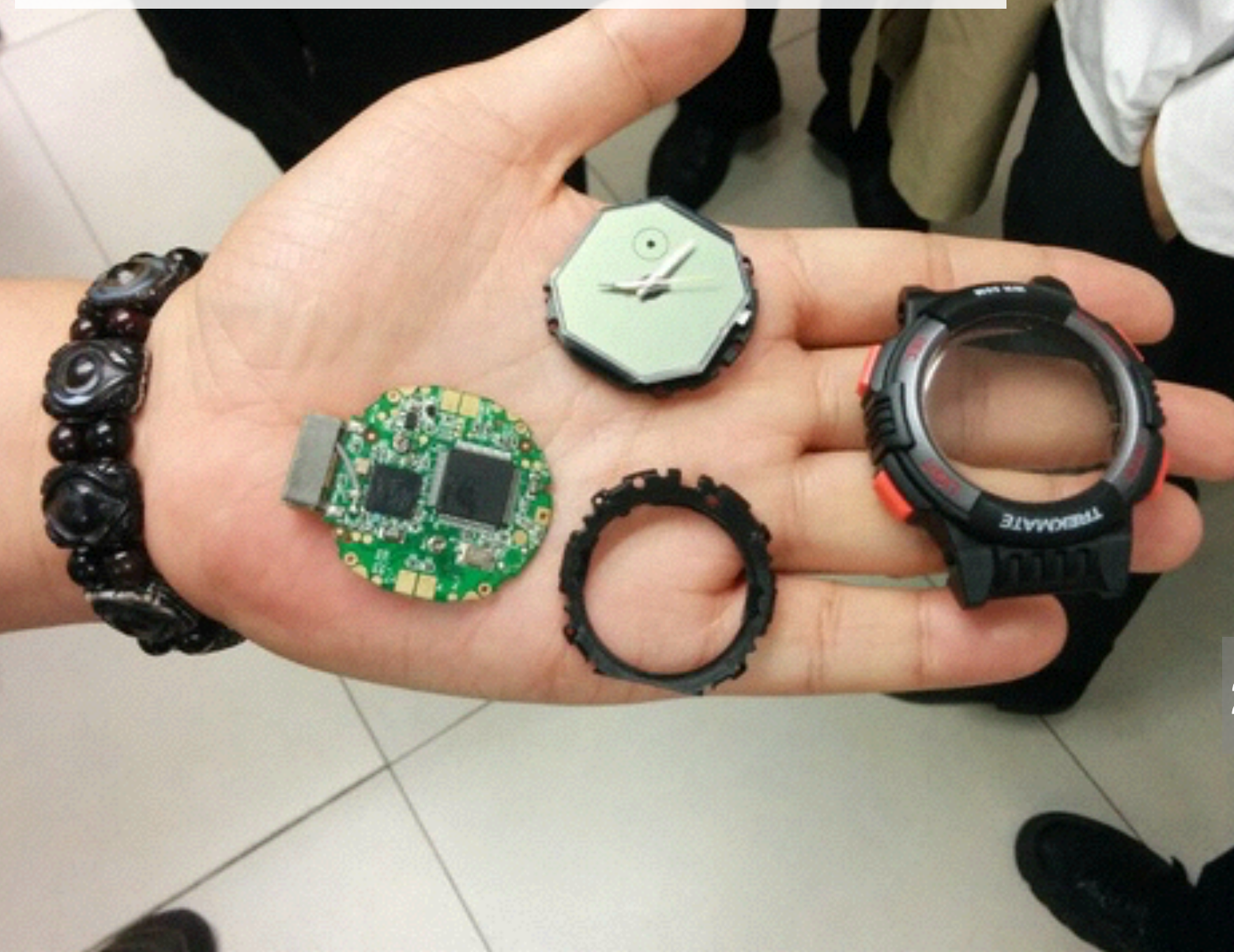


MEDIATEK



产品

Open Innovation with Gongban and Gongmo



ACTUALLY HAPPENED HERE!

Innovation blowback:
Disruptive **management**
practices from Asia

Western companies think too narrowly about the emerging world. If they aren't careful, they may end up as defenders, not attackers.

2005: McKinsey Quarterly

John Seely Brown
and John Hagel III

In the days of the rudimentary pistol, unlucky shooters were now and then hurt when unburned gunpowder escaped backward toward their

Smartphones

Découvrez toute la collection de smartphones Wiko sous Android, du plus simple au plus perfectionné.
Trois gammes qui vous permettront de trouver votre bonheur : **PERFORMANCE & DESIGN** - **USEFUL & TRENDY** - **EASY & FUN**.

Wiko: Rapid Creation of New Brand

Filtres

PERFORMANCE & DESIGN

Les matières les plus nobles, les fonctionnalités les plus poussées : le haut de gamme by Wiko.



HIGHWAY PURE



Comparer



HIGHWAY STAR



Comparer



HIGHWAY 4G



Comparer



HIGHWAY



Comparer



wikomobile.com

very fast trip!

Un smartphone de haute conception
Vitesse 4G, photos avec Media Tegra 4 et appareil photo 14 MP



Capture the Beauty of Darkness

The Phone is Powered for Low-light Shooting

Camon C8



Tecno: #1 Smart Phone in Africa



amazon Try Prime All hoverboard

Shop by Department Shopping History Tawei's Amazon.com Today's Deals Gift Cards Sell Help

1-16 of 6,551 results for "hoverboard"

Refine by

- Toys & Games >
 - Toys & Games Amusements
 - Grown-Up Toys
 - Action Figure Vehicles
- Outdoor Recreation >
 - Electric Self Balancing Scooters
 - Inline & Roller Skating Equipment
 - Scooter Accessories
 - Sport Scooters
 - Scooter Replacement Wheels
 - + See more

Razor Hovertrax \$199.99 this new smart, self-balancing scooter from Razor.

Related Searches: [hoverboard cheap](#), [hoverboard segway](#), [hoverboard segway cheap](#).

Black Self Balancing Scooter By HoverTech - Two Wheel Electric Battery Powered Mini Scooters for Perfect Fun and... by HoverTech

\$439.00 \$899.99 Prime (4-5 days) 6 stars

Shipping on orders over \$35

6551 sellers on Amazon

2015: 14 Millions Units Shipped

YouTube hoverboard

Filters About 512,000 results

Hoverboard Fail Vines Compilation VINESRB 1 week ago • 595,496 views

Funny Hoverboard Vines Best Hoverboard Fail Vines Try Not To Laugh Hoverboard Fails.

Self Balancing, 2-Wheel, Smart Electric Scooter, "Mini-Segway", "Hoverboard" REVIEW Ben Schmanke 6 months ago • 10,513,121 views

Swagway X1: <http://amzn.to/1MjeMpS> -Razor Hovertrax: <http://amzn.to/1SVZb5d>

Half millions video on Youtube

Hottest Items without a Name: Hoverboard

广告联系: 李霞
15818840167

ShenZhen TODEX Advertising

深圳今日快递广告

智能自平衡 专版
电动独轮车
Electric unicycle

深圳市今日快递广告策划有限公司
地址: 深圳市福田区华强北路1001号10楼
电话: 0755-83607501 (10线) 13810000545
网址: www.PC01.cn



Shenzhen Innovation Daily 公司



S2



AM0 智能自平衡 电动独轮车

新上行智能平衡车 专利产品 上市啦!!!

新上行

深圳智科同创科技有限公司

深圳市智科同创科技有限公司

主营产品: 双驱舵方案, 儿童遥控车PCBM设计、制造

155-8801-7511

AM0 智能自平衡 电动独轮车

深圳市中亚智衡电子有限公司

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深圳天一滑健康科技有限公司

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ShenZhen TODEX Advertising 智能自平衡 电动独轮车

深圳今日快递广告

深圳市小一实业有限公司
ShenZhen X111 Industrial Co., Ltd.

租用 - 主控板

深圳市翔驰创新能源科技有限公司

翔驰创新

155-8801-7511

AM0 智能自平衡 电动独轮车

龙骑士

独轮车电机, 可以定制!

拓维专业电机生产厂家

155-8801-7511

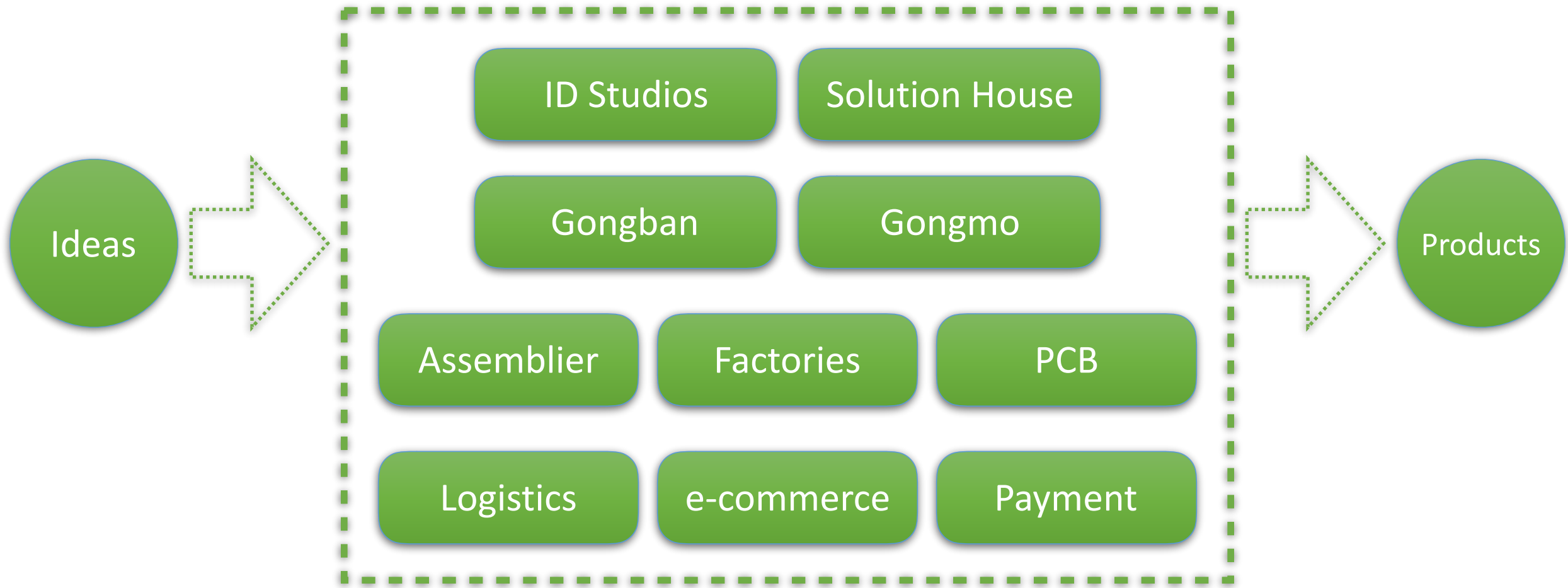
深圳合文泰科技有限公司

合文泰

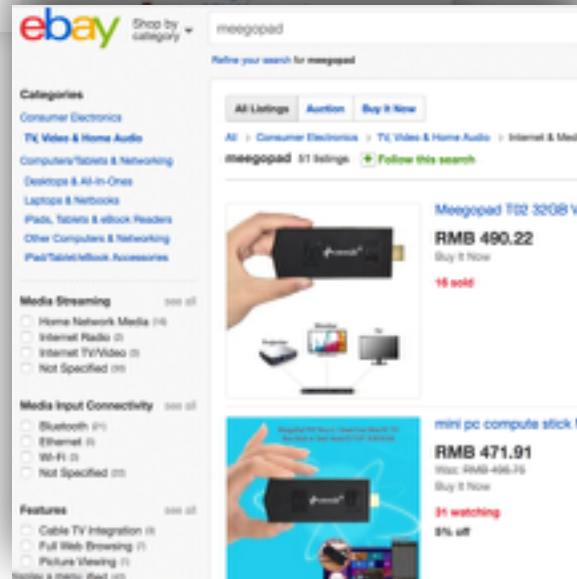
价格! 不能再低了!!!

155-8801-7511

How does the system work?



Wu and his MeeGoPad Mini PC



- Team of 5 in Shenzhen
- Developed in 6 months
- Launched in the market in late 2014
- 2015: 80,000 units and \$12 millions in sales
- No VC finance, supported by the ecosystem

Shanzhai: China's Collaborative Electronics-Design Ecosystem

In Shenzhen, there are hundreds of smart watches, not just design prototypes. Here's why.



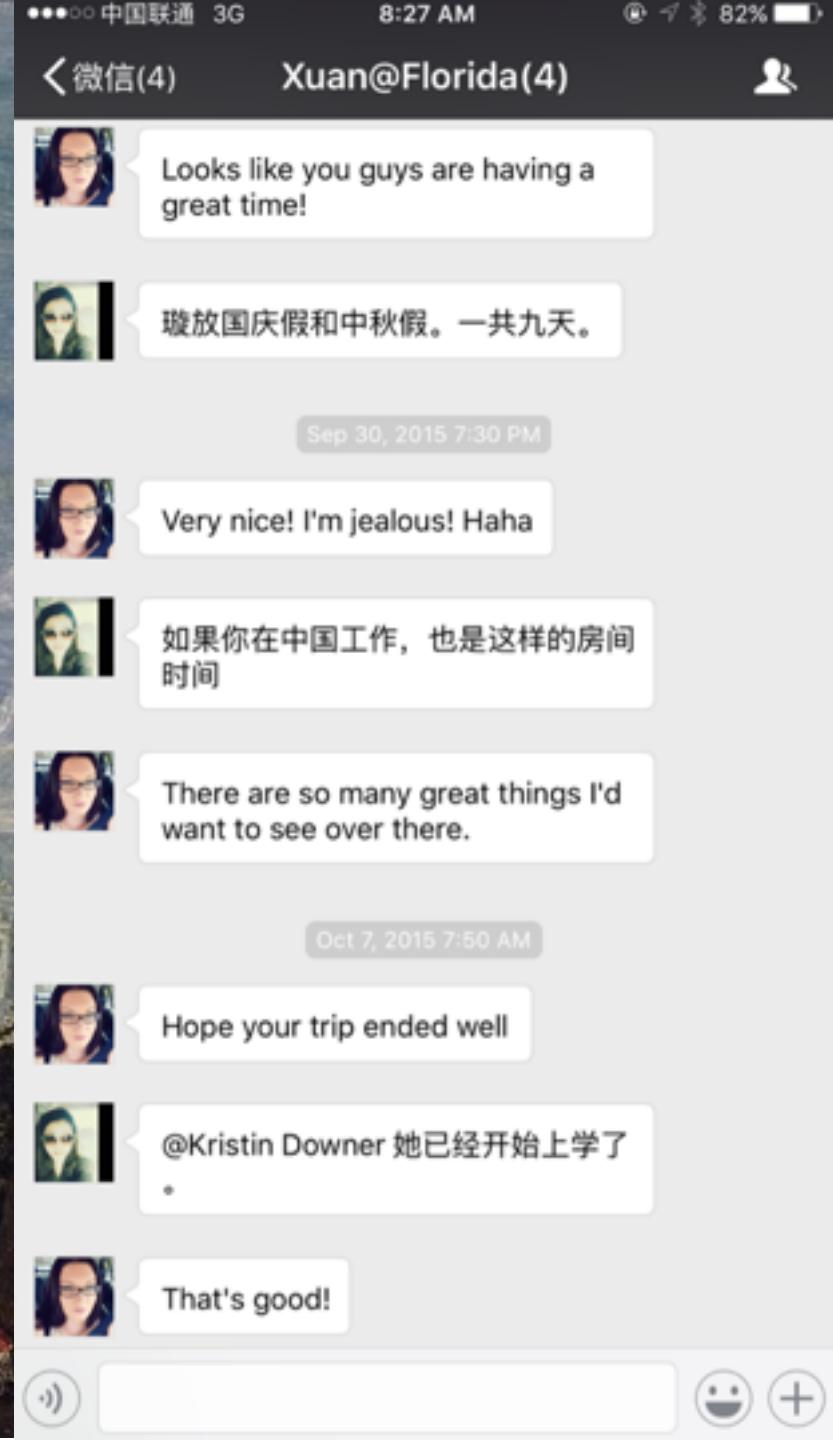
Business Ecosystem is the Core Competence

Introduction: Business ecosystems come of age

Part of the **Business Trends** series



AI finally working!



< 微信(4)

Xuan@Florida(4)



Looks like you guys are having a great time!



璇放国庆假和中秋假。一共九天。

Sep 30, 2015 7:30 PM



Very nice! I'm jealous! Haha



如果你在中国工作，也是这样的房间时间



There are so many great things I'd want to see over there.

Oct 7, 2015 7:50 AM



Hope your trip ended well



@Kristin Downer 她已经开始上学了



That's good!



Input field for text messages.



1 The accelerating pace of change ...



Exponential Growth of Computation Power

2 ... and exponential growth in computing power ...

Computer technology, shown here climbing dramatically by powers of 10, is now progressing more each hour than it did in its entire first 90 years

COMPUTER RANKINGS

By calculations per second per \$1,000



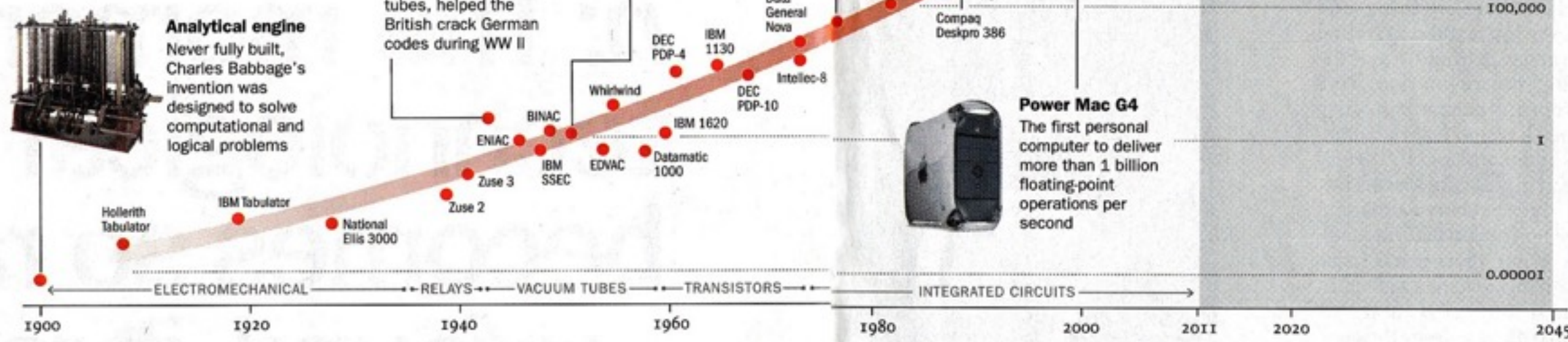
Analytical engine
Never fully built, Charles Babbage's invention was designed to solve computational and logical problems



Colossus
The electronic computer, with 1,500 vacuum tubes, helped the British crack German codes during WW II



UNIVAC I
The first commercially marketed computer, used to tabulate the U.S. Census, occupied 943 cu. ft.



3 ... will lead to the Singularity



Apple II
At a price of \$1,298, the compact machine was one of the first massively popular personal computers



Power Mac G4
The first personal computer to deliver more than 1 billion floating-point operations per second

2045
Surpasses brainpower equivalent to that of all human brains combined

Surpasses brainpower of human in 2023



Surpasses brainpower of mouse in 2015



必然

这些力量并非只是告诉我

THE INEVITABLE

（美）凯文·凯利（Kevin Kelly）著

知化 Cognifying

Waste AI on stupid stuffs!

很难想象有什么事物会像廉价、强大、无处不在的人工智能那样拥有“改变一切”的力量。首先，没有什么比把迟钝的东西变聪明更富有成效。在某个现有进程中植入极少量有效的智能都会将其效率提高到全新水平。我们在知化¹，没有生气的物体后会得到许多的好处，而这对日常生活的颠覆将是工业化的百倍。但是让东西变智能不会带来极乐世界。与开发先前各种能源时

一样，我们将把人工智能浪费在那些看上去愚蠢的事情上。当然，我们会运但是把机敏的头脑置入普通事物之中才能带来真正的颠覆，这些事物可以是

自动贩卖机、鞋子、书、报税单、卡车、电子邮件、手表以及手机。我们的



Disruption of AI from goofy applications

人工智能的颠覆来自于把它用在看起来愚蠢的事情上 - KK

1 知化意为赋予对象认知能力。——编者注

Y Combinator Founder Under Fire After Celebrating Inequality

The Y Combinator founder published an essay over the holiday weekend in which he argues that ending economic inequality would mean destroying the startup ecosystem.



BY TESS TOWNSEND *Staff reporter, Inc.com* [@Tess_Townsend](#)



WRITE A COMMENT

Silicon Valley's ugly rich-poor gap: What's the tech world gonna do about it?



NEWS



By Hamish McKenzie
July 8, 2013



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PAUL GRAHAM

ECONOMIC INEQUALITY: THE SIMPLIFIED VERSION

January 2016

As often happens when you say something controversial, there have been some very adventurous interpretations of the essay. I just wrote about economic inequality. I thought it might help clarify matters if I tried to write a version so simple that it leaves no room for misinterpretation.

Lots of people talk about economic inequality. Nearly all say it is bad if economic inequality increases, and that it would be better if it decreased.

But economic inequality per se is not bad. It has multiple causes. Many are bad, but some are good.

For example, high incarceration rates and tax loopholes are bad things that increase economic inequality.

But startups also increase economic inequality. A founder whose startup succeeds will end up with stock worth a lot of money.

And unlike high incarceration rates and tax loopholes, startups are on the whole good.

Since economic inequality per se is not bad, we should not attack it. Instead we should attack the bad things that cause it.

For example, instead of attacking economic inequality, we should attack poverty.

Attacking economic inequality would be doubly mistaken. It would harm the good as well as the bad causes. But even worse, it would be an ineffective way to attack the bad causes.

We will not do a good job of fixing the bad causes of economic inequality unless we attack them directly.

But if we fix all the bad causes of economic inequality, we will still have increasing levels of it, due to the increasing power of technology.

JUL 22, 2013 @ 10:00 AM 73,330 VIEWS

Why 99.95% Of Entrepreneurs Should Stop Wasting Time Seeking Venture Capital

**Dileep Rao**, CONTRIBUTOR*I focus on how entrepreneurs grow smarter, bigger, and wealthier.*[FOLLOW ON FORBES \(79\)](#)

Opinions expressed by Forbes Contributors are their own.

[FULL BIO](#) ▾

It is difficult to pick up a major business publication today without reading about venture capitalists (VCs, defined as professionally-managed VC limited partnerships that invest in early-stage ventures), about their skills in finding great investment opportunities, and about the ventures they fund. And lately in states like [Minnesota](#), it is also about how they can create jobs if the governor would speak favorably about the need for VC and offer some state pension money for them to invest. And since we all like to talk about our successes, the stories are about how entrepreneurs secured VC and soared to wealth in a very

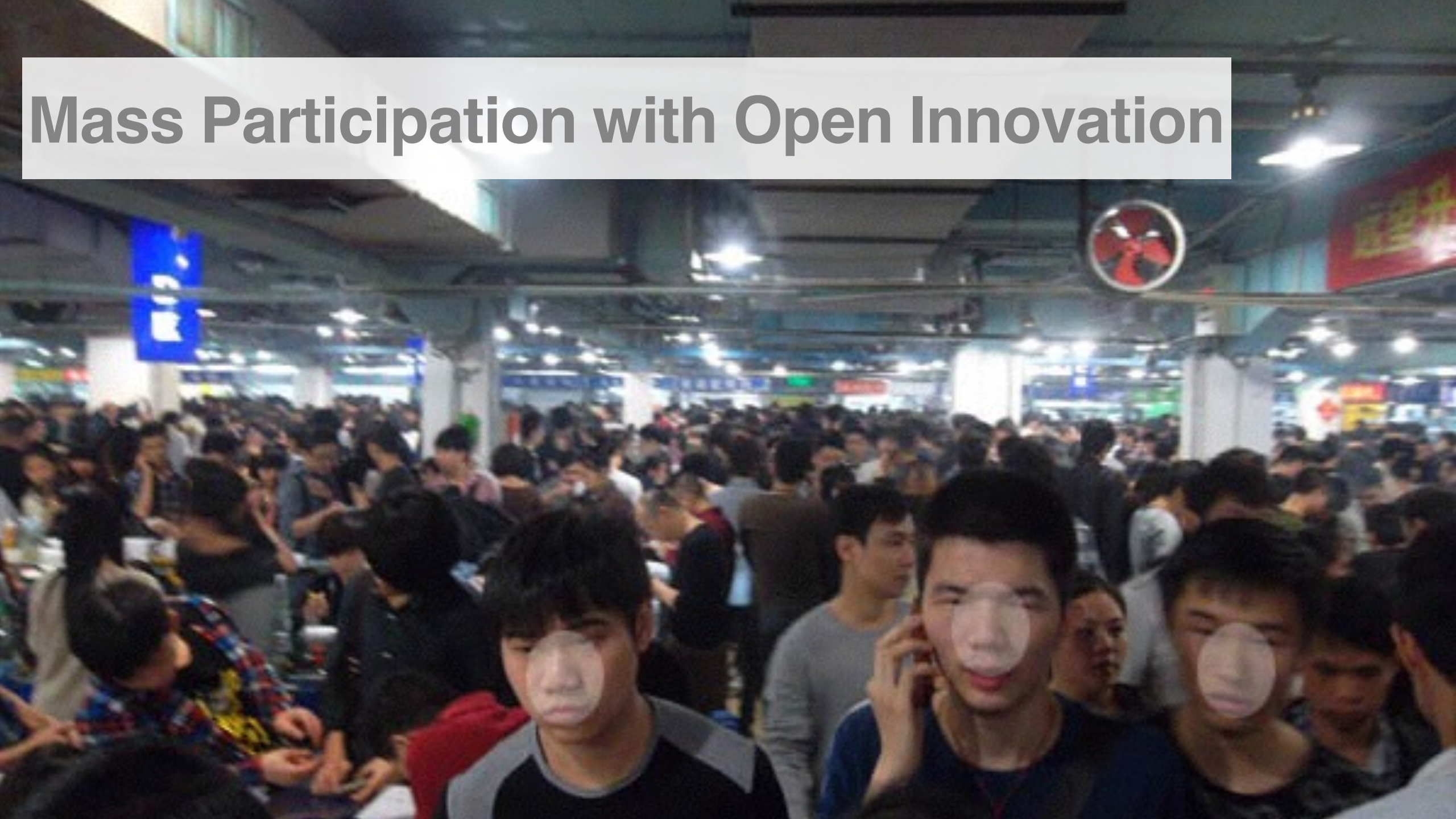
"The Customer Success Platform is a key part of our formula for success in Germany."

ULRIK NEHAMMER
CEO

Germany

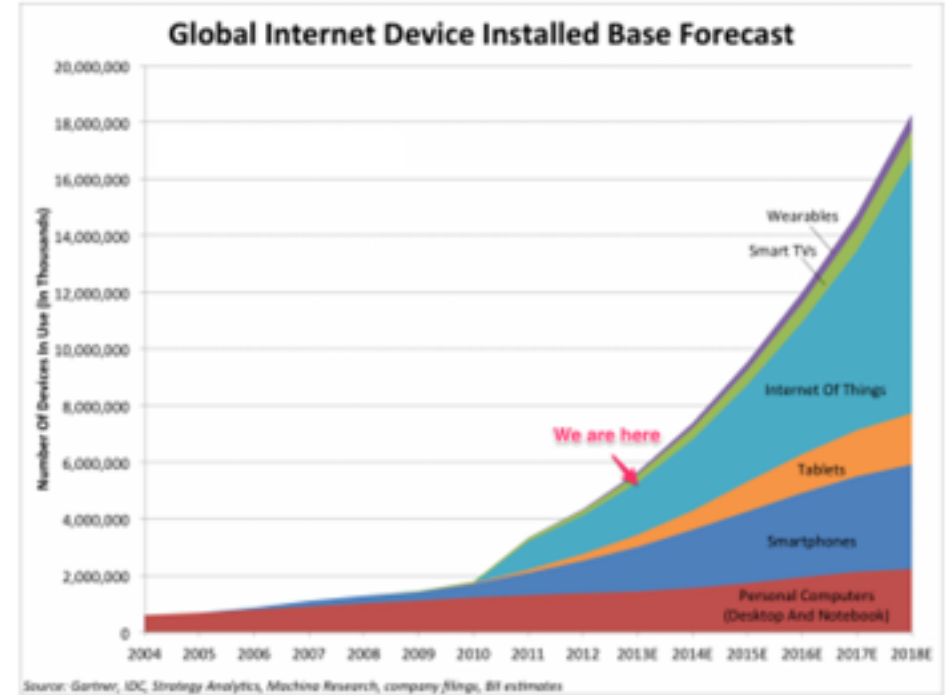
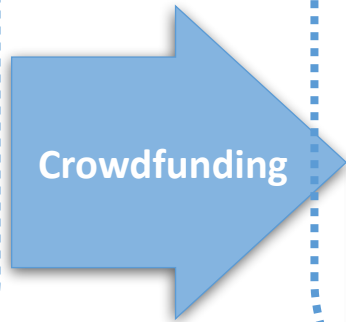
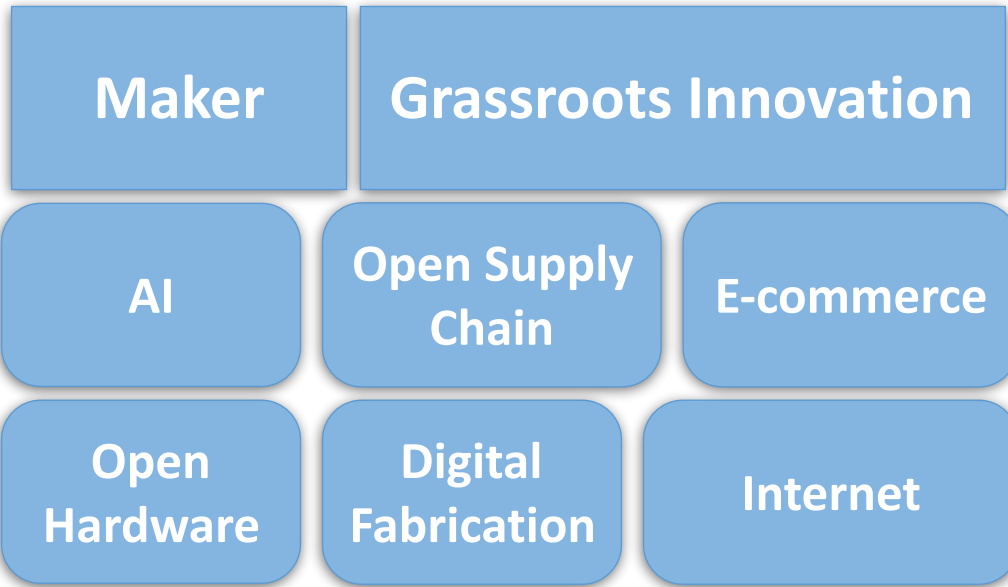
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Mass Participation with Open Innovation





Taboo Village: Internet Enabled Ecosystem



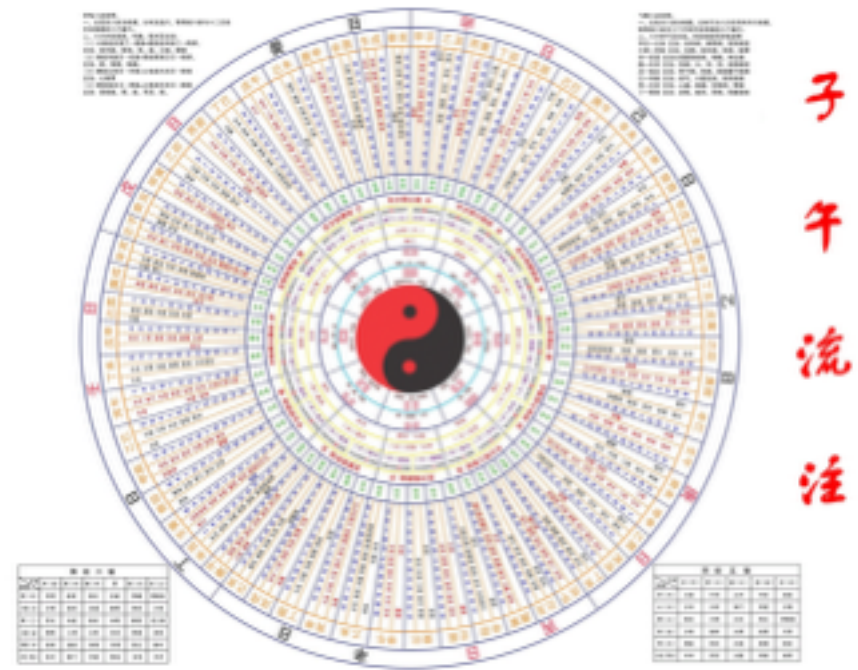
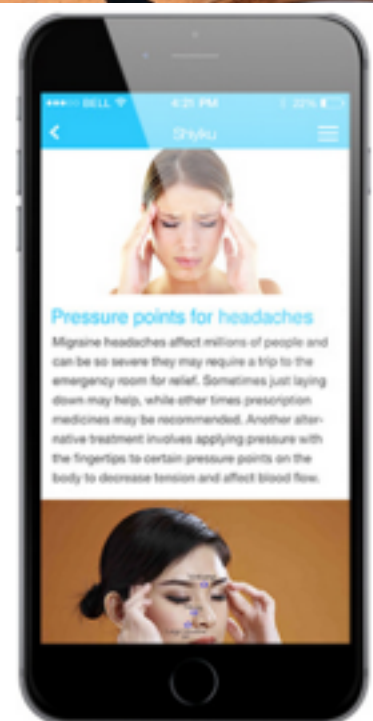
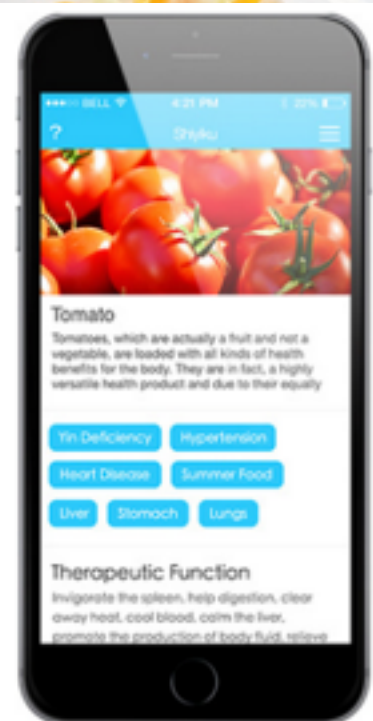
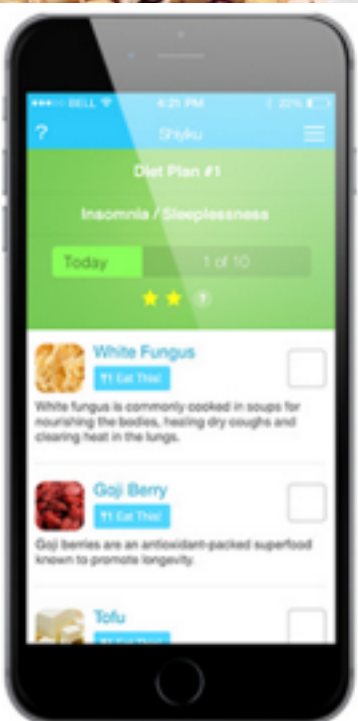
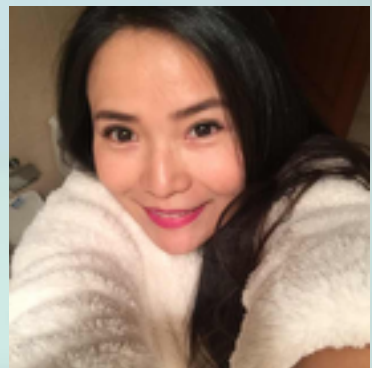
Maker + AI + Open Ecosystem: Mass Innovation in IoTs

Open Innovation Camp





Mychi: Food Therapy



上方叶子会伴随音乐的节拍轻轻摇摆，叶片内含光纤，黑暗环境下显现出点点光辉。

① 心情识别与调节

音响会根据用户的身体动作和血液流动速度分析用户的心情变化，并自动进行音乐调节。当用户焦躁不安时播放平静的音乐；当用户忧郁沮丧时播放柔和的音乐；当用户心情愉悦时播放节拍欢快的音乐。同时，叶子根部含有LED灯，会根据心情改变颜色，如绿色舒缓，蓝色镇静催眠，橙色温暖活力等。

② 记录与反馈

与手机APP连接，记录用户的每日心情状态。并含有智能分析和记忆功能，实时分析用户听到音乐后的心情变化，记录用户喜欢的音乐风格从而进行播放。

高 14cm (不含叶)
长 13cm 宽 13cm

扬声器

磨砂处理的塑料箱体内含LED灯，使箱体可根据心情变色



Robor

Smart Music

识别用户心情变化，并根据识别信息



Shanzhai: China's Collaborative Electronics-Design Ecosystem

In Shenzhen, there are hundreds of smart watches, not just design prototypes. Here's why.



Business Ecosystem is the Core Competence

Introduction: Business ecosystems come of age

Part of the **Business Trends** series

Web: szoil.org

Twitter: @szoil001, @taweili

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