CIDADES ACTUAIS CIDADES DO FUTURO

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Lisboa
2 Dezembro 2014

CIDADES

- ORGÂNICAS
- TEMPO(S)
- PENSAR – MOBILIZAR - EXECUTAR
- REGULAÇÂO VS. INOVAÇÃO
- COMPETIÇÃO E COOPERAÇÃO GLOBAL
- CRIAÇÃO, ATRACÇÃO, RETENÇÃO
- PROTOTIPAR, EXPERIMENTAR

U2

film s   of innocence

Megatrends Global Forces

DEMOGRAPHIC CHANGE

• Ageing and shrinking populations in Developed Countries
• Growing Population and baby boom in some Developing Countries
• Increasing migration streams
• Demographic shifts

NEW PATTERNS OF MOBILITY

• Globally, mobility increases
• Barriers to mobility increase
• Transport infrastructures are upgraded/extended
• New vehicle concepts – new drive technologies

GLOBALISATION 2 . 0

• Shift to Asia (China and India) and a new role for the West
• Global strategies, customised to places and regions
• Globalised Flow of Capital, (+ goods, services, people, information)

TECHNOLOGY CONVERGENCE

• Information and nanotechnology to be key drivers of convergence
• Stimuli in many areas of application (medical science, energy, materials)
• NBIC-convergence

DIGITAL LIFESTYLE

• Web 2.0: New media find their way into our everyday lives
• Digital lifestyle: Virtual reality becomes real
• Virtual business worlds

UBIQUITOUS INTELLIGENCE

• IT-revolution continues
• Ambient Intelligence: New interfaces, new surfaces
• Neuro sciences, "AI", and robotics
• Transparent society: Surveillance & control

KNOWLEDGE-BASED ECONOMY

• Education and learning as a basis
• Innovation as a key driver and competition factor
• New global knowledge elite – the creative class

BUSINESS ECOSYSTEMS

• Open systems and networks: Limits of industries, markets, and businesses dissolve
• New value-adding chains (customer integration, coopetition)
• Business Mashups: Interfaces give rise to new markets

CHANGES IN THE WORK WORLD

• Advances in automation (from the sector of production to the sectors of service and knowledge)
• Highly flexible working practices (anytime, anywhere)
• Flexible, interactive work structures

ENERGY AND RESOURCE REVERSAL

• Strategic resource scarcities (fossil fuels, freshwater, minerals, metals)
• Use of alternative sources of energy and renewable resources
• Revolution in energy efficiency
• Decentralised energy supply

NEW CONSUMPTION PATTERNS

• The Third World participates in economic wealth (Bottom of the Pyramid)
• Catch-up luxury in China, India, and Russia
• Sustainable consumption in the West (Eco Chic, Moral Commerce)

CLIMATE CHANGE AND ENVIRONMENTAL IMPACTS

• CO2-discharges and global rise of temperatures
• Increase of environmental problems in emerging and developing countries
• Clean technologies
• Corporate responsibility increases

URBANISATION

• Megacities grow strongly
• Development of adapted infrastructure solutions
• New forms of residence, living, and participation

CULTURAL DIVERSITY

• Plural ways of life between tradition and today
• Value systems compete globally
• Emergence of hybrid culture

HEALTH AND WELLBEING RISE AND CONVERGING

• Health tech – human enhancement , Biomedical self-design, health style
• New foodstuffs (functional food, genetically modified food, novel food)
• New converging markets (food, pharmarmaceuticals, drugs, cosmetics)

INDIVIDUALISATION REACHES A NEW STAGE

• Individualism, a global phenomenon
• Changing relationship patterns: Few strong, many loose relationships
• From mass markets to micro markets
• Self-sufficiency and DIY-economy

WATER CHALLENGES

• Only a small fraction is freshwater
• Aggravation by consequences of climate change + Urbanisation and water shortage
• Water recycling ("Zero discharge")
• Measurement of water quality
• Advanced water treatment
• Intelligent Waters Grids?

NEW POLITICALWORLD ORDER

• China and India join the ranks of world powers
• Crisis of Western democracies
• Russia's renaissance
• Africa awakes

GROWING THREATS TO INTERNATIONAL SECURITY

• Global risk society
• Festering cultural conflicts & failed states
• Global terrorism
• Proliferation of weapons of mass destruction

WOMEN ON THE RISE

• Women are integrated into the working world
• "Female" soft skills become more important
• Participation as market actors: Defining influence on product and service standards
• Work-life balance

3-D PRINTER + PERSONAL MANUFACTURING (Fab Lab)	**ACTIVIST CITIZEN** (Participatory Budget; Wi Fi; ..))	**NATURE OF WORK** (Coworking; Incubation; Acceleration - ITC/Web/…)	**BOTTOM-UP URBAN ENGAGMENT** (Mouraria; …)
CITY APPS/URBAN DATA (Open Data; Lisbon Big Apps; SDK) …	**COLLABORATIVE URBAN MAPPING** (New startups exploring this)	**CROWDSOURCING CROWDFUNDING** (Lisbon Crowdfunding Platform)	**CUSTOMIZATION + ON DEMAND SERVICES**
DATA VISUALIZATION (Using Big Data → Trends/Insights)	**DEPARTMENT OF LISTENING** (Participatory Budget)	**DESIGN BARRIERS**	**FOOD DISTRIBUTION**
GENTRIFICATION	**HACKING THE CITY** (Fab Lab; Alt Lab)	**HAPPY CITY**	**HYBRIDITY**
STARTUPS ECOSYSTEMS IN A FAST CHANGING PACE (Lisbon Startup Ecosystem)	**SUSTAINABILITY** (Mobility; Buildings; SOLAR CITY…)	**NEW USES FOR BUILDINGS** (LX Factory; Village Underground; Desterro; Fab Lab Forn Tijolo; Mercado Ribeira; Central Station; Startup Lisboa; …)	**BIG DATA CLOUD COMPUTING**

URBAN TRENDS

AGEING + INTERGENERATIONAL INTERACTION	**INTUITION**	**MAKER MOVEMENT** (Fab Lab; Printoo; City as the "Place" of the Internet of Things)	**NEW MOBIITY SOLUTIONS** (EVs; soft …)
NON-ICONIC ARCHITECTURE (Urban/Street Art; LX Factory; Desterro; Trienal no Palácio; …)	**OPEN-SOURCE** (Open Data; OP)	**PARTICIPATORY URBANISM** (OP → Startup Lisboa)	**WEARABLES**
RAPID PROTOTYPING (Fab Lab)	**RESPONSIVE INFRASTRUCTURE**	**RETROFITTING INFRASTRUCTURE**	**SMART CITY / SENSORS/** (Smart City Projects)
SHARE CULTURE / SHARE ECONOMY	**TEMPORARY ARCHITECTURE** (Containers; Parks; …)	**ENERGY STORAGE + SMART GRIDS** (SOLAR CITY)	**AUGENTED REALITY (AR) APPS**

CIDADES como Espaços onde se Cria e Experimenta o **FUTURO**

- **Ecossistemas e Clusters**

- **Incubação/Aceleração**

- **Coworking**

- **Economia Colaborativa**

- **Maker's Cities**

- **Novas competências: Código; Criatividade; Resolução de problemas**

- **Smart Cities + Internet of Things + …**

- **Co-criação / Participação**

- **Crowdsourcing / Crowdfunding**

- **Open Data + Big Data**

CIDADES como Ecossistemas e Clusters

SHOWING 1-10 OF STARTUPS, EVENTS, JOBS AND INVESTORS IN NYC

STARTUPS 1139 | INVESTORS 69 | EVENTS 360 | JOBS 2116 | WORKSPACES 139 | INCUBATORS 27

JOB
Project Manager - Fund Risk Technology

JOB
Senior Network Engineer

JOB
Software Test Automation Consultant - Bloomberg LAW Job
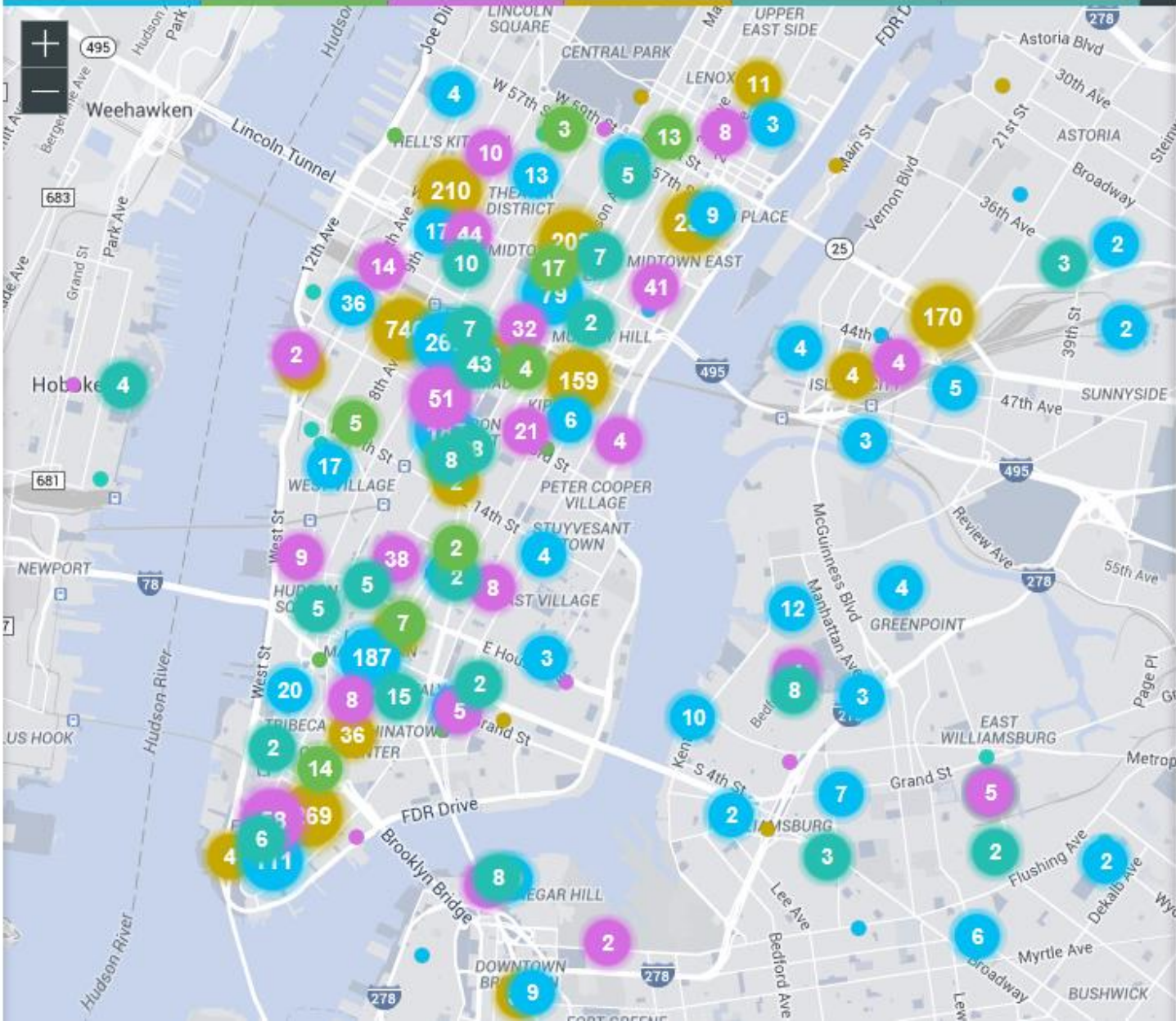
JOB
Sr. Software Engineer / Co-Founding CTO

JOB
Automation Engineer, Content Technology Job

JOB
Technology Consultant/ MEP Engineer / ....
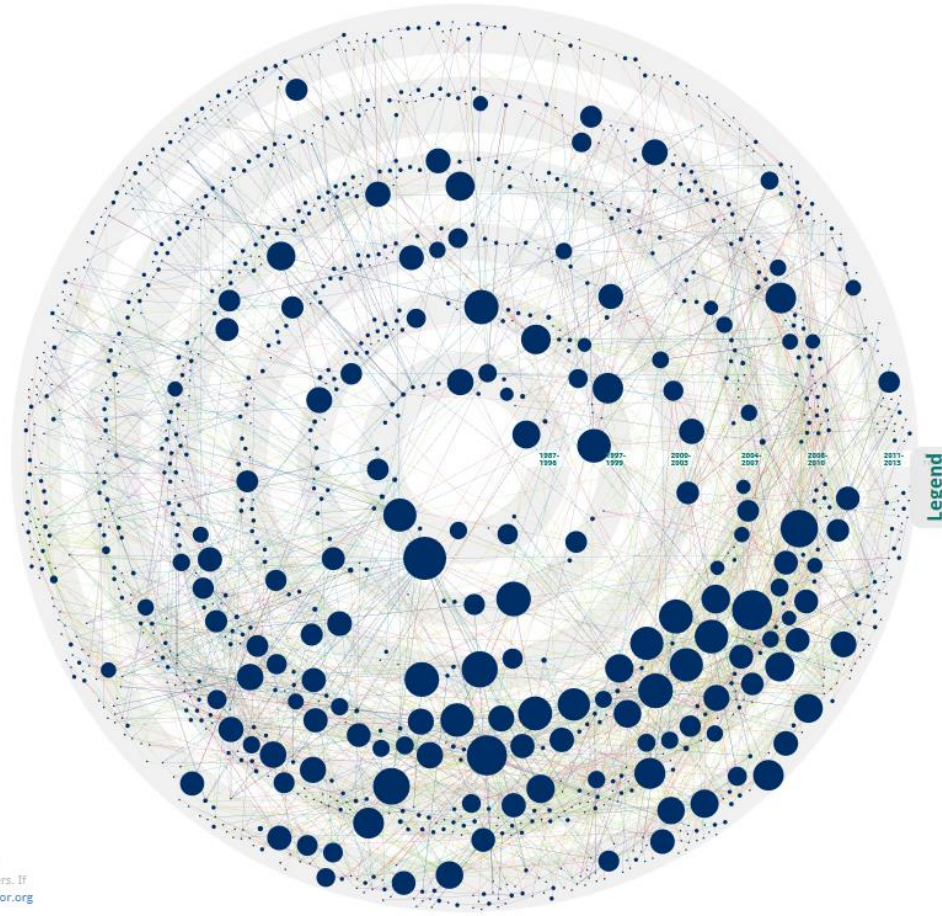
JOB
Software Engineer, Infrastructure

JOB
Sr. Software Engineer (Data Products)

JOB
CTO

CONNECTIONS AMONG NEW YORK TECH FIRMS:

VC FIRMS THAT INVESTED IN NYC TECH COMPANIES

COMPANIES:
The blue circles represent the influence of each company's founders. Founders with multiple firms are represented by their most prominent firm.

MORE INFLUENTIAL

LESS INFLUENTIAL

CONNECTIONS:
Influence is measured in five ways.

MENTORSHIP
INVESTMENT
FOUNDER
FORMER EMPLOYEES
INSPIRATION

Legend

CREATED BY:

ENDEAVOR
INSIGHT

For more information, contact **insight@endeavor.org**.

SPECIAL THANKS TO:

PARTNERSHIP for New York City

<<< Return to nyctechmap.com

This map includes only those companies that have received financing from an institutional investor. Data is drawn from Crunchbase, AngelList, and interviews with almost 700 founders. If you find any information that should be changed or updated, please email **insight@endeavor.org**

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MY STARTUP IN PARIS

ACTUALITÉS | COMMENT SE LANCER ? | LE LABEL | CARTE | JOBS | ÉVÈNEMENTS | PARTENAIRES
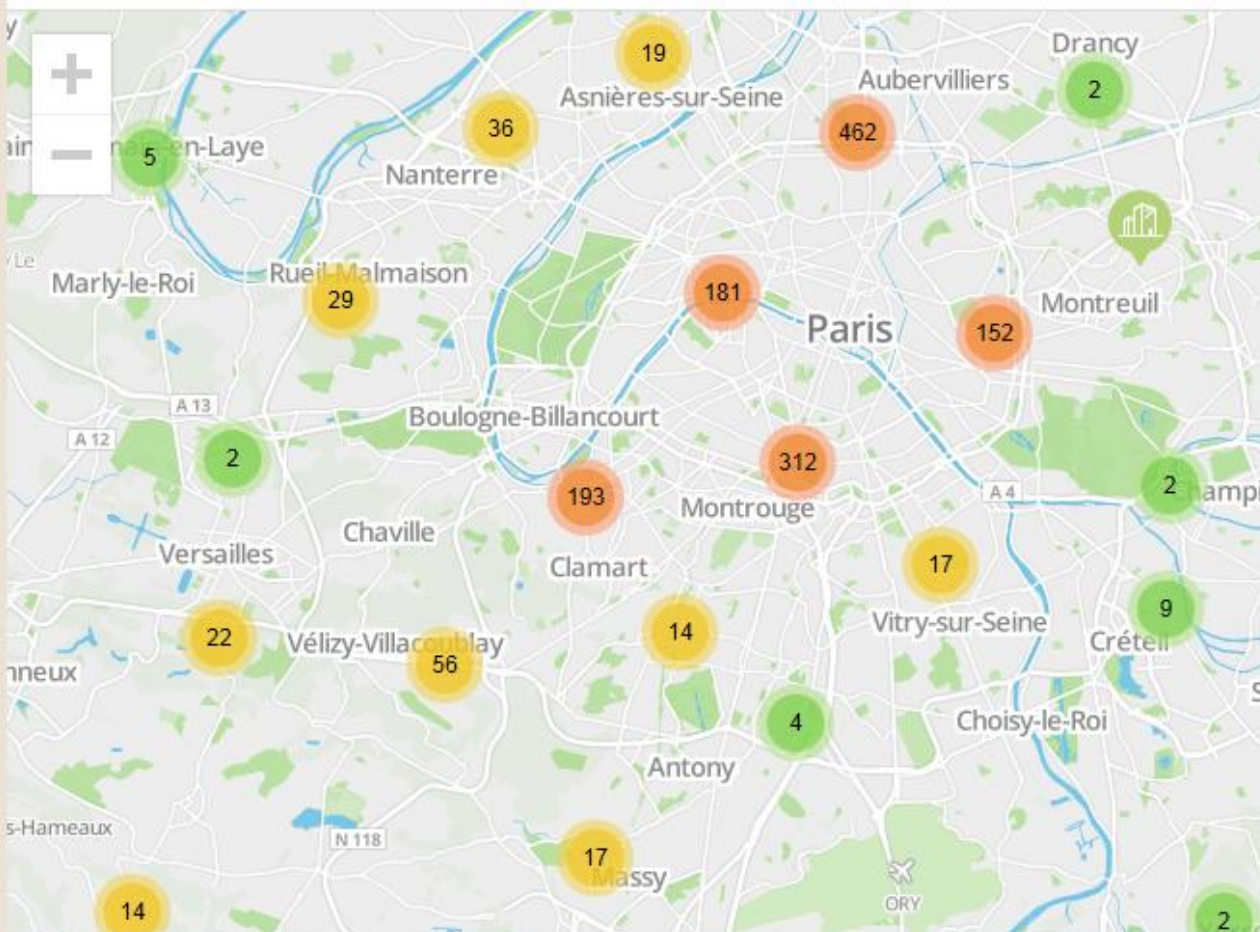
TECH ON MAP Beta

La carte des acteurs du numérique en Île-de-France

Ajouter une organisation sur la carte

Résultat : 1738 / **1738**

Zone : **Toutes** >

Catégorie : **Toutes** >

Taper votre recherche ici

/lab
Entreprise créé(e) en 2010
#B2B
55 rue Saint-Denis, 93100, Montreuil
Web: slash-lab.fr/
Twitter: @SlashLabVox

1000Andone
Entreprise créé(e) en 2010
#conversation #debat
110 rue des Poissonniers, 75018, Paris
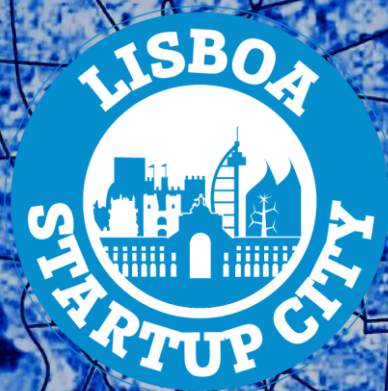
Drancy
2
Aubervilliers
462
19
Asnières-sur-Seine
36
-en-Laye
5
Nanterre
Marly-le-Roi
29
Rueil Malmaison
181
Paris
152
Montreuil
2
2
Boulogne-Billancourt
Versailles
Chaville
193
312
Montrouge
Clamart
17
14
9
22
Vélizy-Villacoublay
56
Vitry-sur-Seine
Créteil
4
Choisy-le-Roi
Antony
17
ORY
14
2

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Start up Lisboa Commerce

Start up Lisboa Tech

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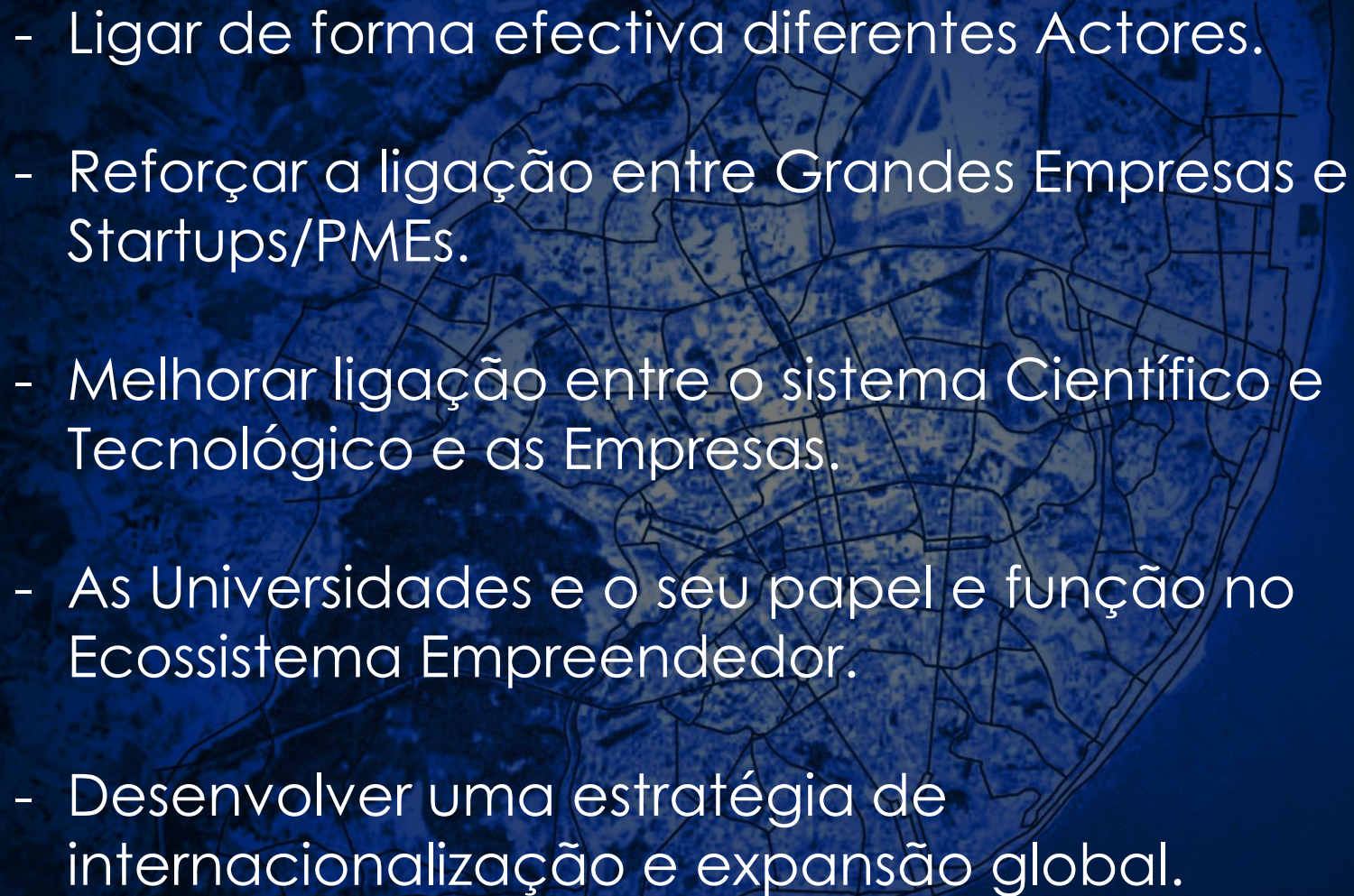facebook.com/incubadoraslisboa

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Espaços de Coworking em Lisboa

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- Ligar de forma efectiva diferentes Actores.

- Reforçar a ligação entre Grandes Empresas e Startups/PMEs.

- Melhorar ligação entre o sistema Científico e Tecnológico e as Empresas.

- As Universidades e o seu papel e função no Ecossistema Empreendedor.

- Desenvolver uma estratégia de internacionalização e expansão global.

CIDADES e o Futuro do Trabalho

COWORK s more REACTION than CONSEQUENCE.

1. Fast growing contingent of freelancers
2. The company is ~~dying~~ changing
3. Balance between digital mediation and human proximity
4. Millennials want to work, play, have fun and a meaningful life
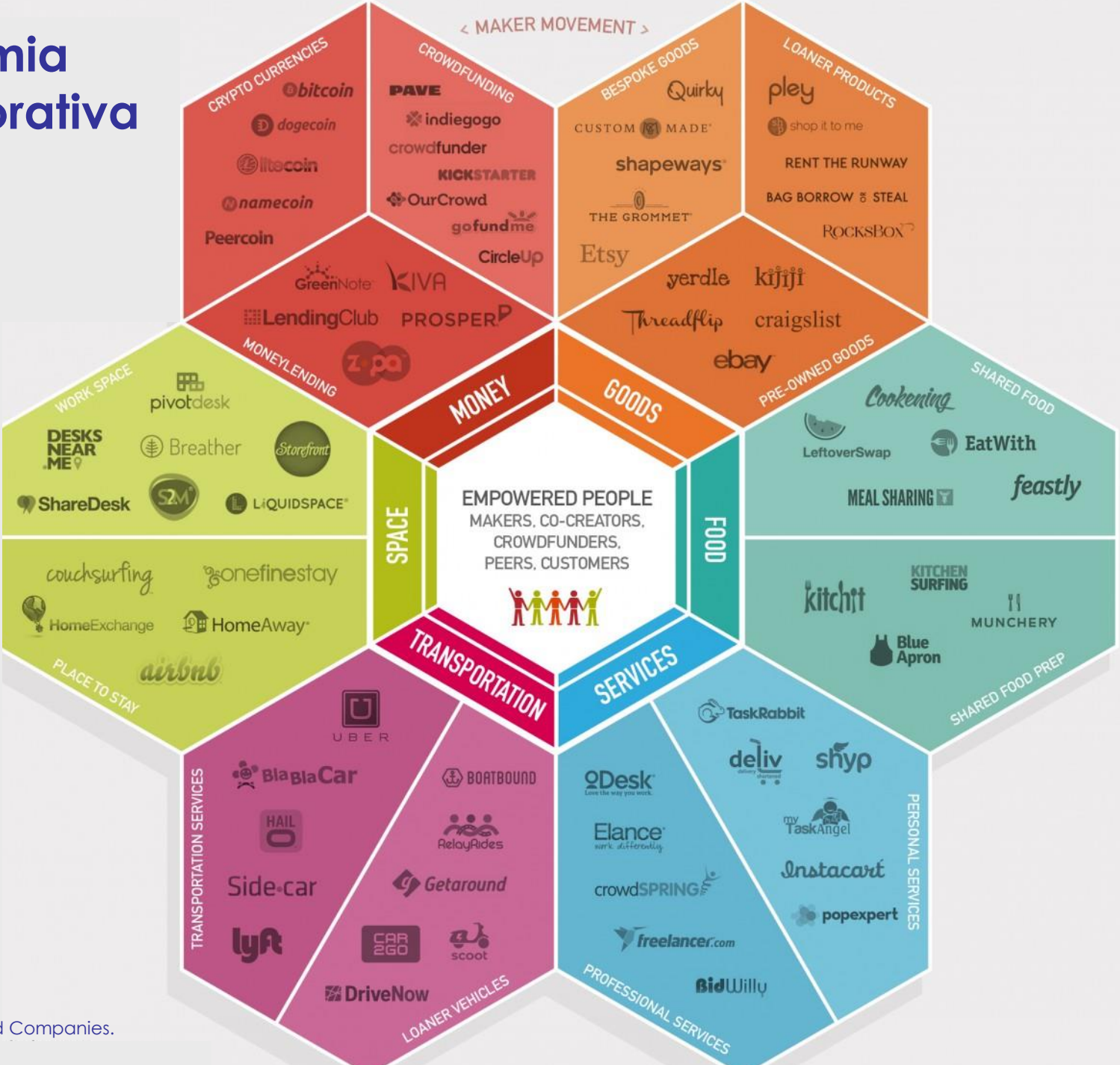5. Organic grow, one person at a time.

Work avoiding work at any cost.

Fonte: Fernando Mendes, CoworkLisboa, 2014.

CIDADES e a próxima "Revolução Industrial"

CIDADES e a
"Economia Colaborativa"

Economia Colaborativa

Governança e Gestão das CIDADES do Futuro

Desafios:

- Escala: Cidades e Regiões
- Inteligentes (*Smart*)
- Digitais
- Criativas
- Verdes
- Resilientes
- ...

Obrigado

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