



# Social innovation: where next?

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# SOCIAL INNOVATION

How societies  
find the power  
**to change**

P

## MONEY

Social investment funds, impact investment  
Grant programmes  
Government funds (eg HK, CSAIF in the UK)  
Social Impact Bonds (140+ worldwide)  
Technology innovation agencies (SITRA,  
Vinnova, AIM, Nesta ...)

## POWER

National policies, eg Malaysia, Korea, Canada  
Global institutions – UNDP, UNICEF  
European Commission funds, prizes  
City programmes (eg Seoul, Bologna,  
Barcelona, Bogota)  
1000+ innovation labs within governments  
Experimental government in Finland &c

## SOCIAL INNOVATION

## KNOWLEDGE

Research centres (Vienna, ESADE to Dortmund)  
Courses (Waterloo, Kingston to Northampton)  
Science oriented to social innovation (eg  
Horizon 2020)  
Challenge-driven university models (eg Aalto)  
Distributed online networks (e.g. SIX; Citizens  
Science)  
Evidence and what works centres

## PEOPLE

Patients organisations  
Grassroots innovation (eg Honeybee India)  
Digital democracy campaigns (eg Change.org,  
Avaaz)  
Hackers  
Maker movement

But ... are we winning battles  
yet losing the wars?



# R&D SPENDING BY COUNTRY

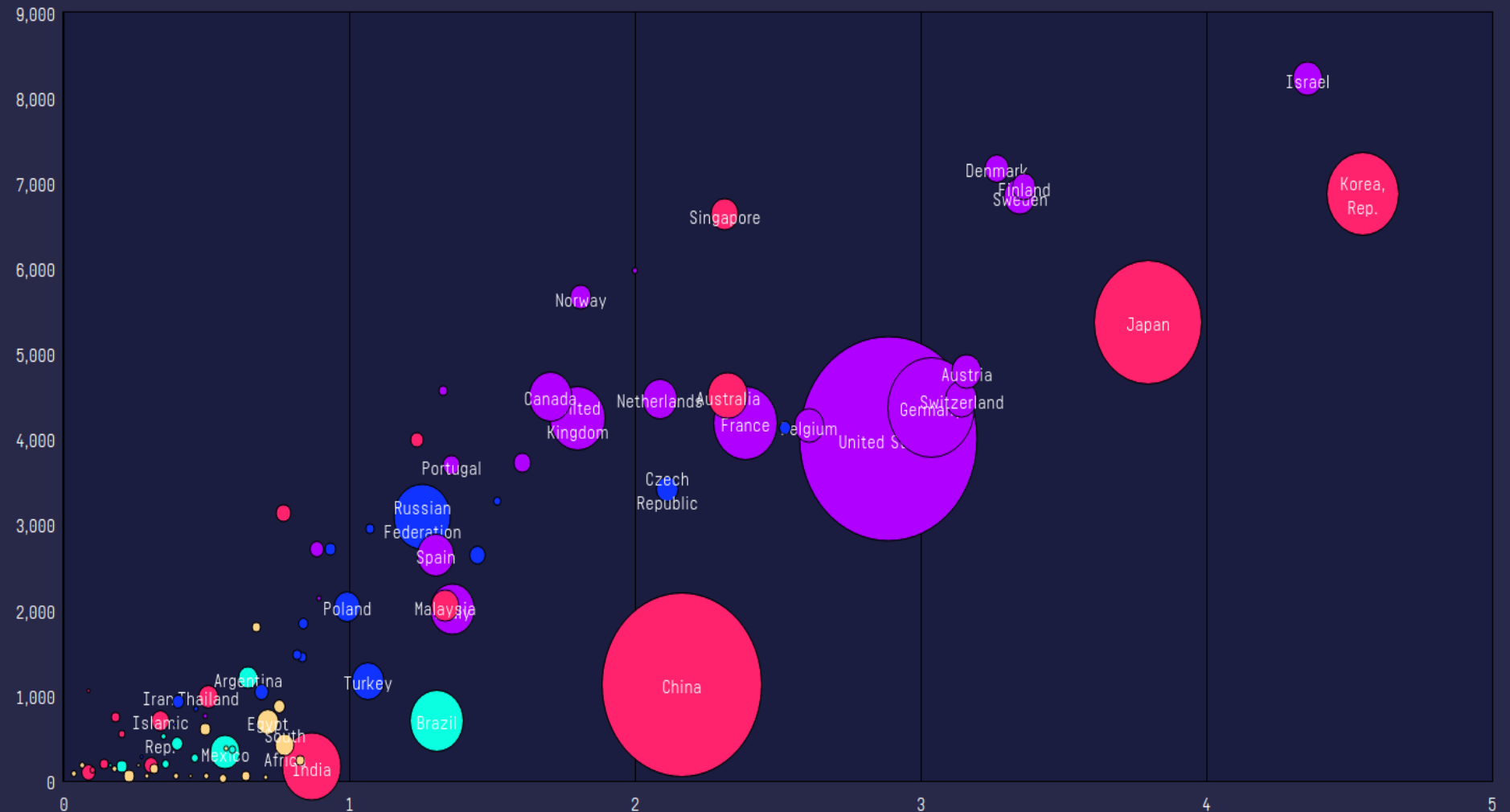
The circles show the amounts countries are spending on R&D in PPP\$. Countries farther to the right are spending relatively more in terms of their GDP. Those closer to the top have higher numbers of researchers per 1 million inhabitants.

FIND COUNTRY ▾

or

VIEW A REGION ▾

Total expenditure PPP\$



# The 20<sup>th</sup> century hierarchy survives: drones to AI

1. Military (US devotes over 50% of government R&D expenditures to defense).
2. Commercial
3. Social (only much later)



# Not only...



User innovation

# .. but also



Social innovation



Innovation in services



Design led Innovation



Public Innovation



Frugal innovation



Data-driven Innovation



# The great imbalances remain



# Where next? Some growing themes ...

- Engaging with politics directly
- Experiment
- Mobilising money in new ways
- Using data
- Digital social innovation
- Corporate social innovation
- Systems change and Just transition
- Time
- Collective intelligence
- Maximal social innovation

# Engaging with politics – and redesigning politics



# Experimentalism

## Health



## Development



## Social Experimentation



## Education



THE  
BEHAVIOURAL  
INSIGHTS TEAM

 PRIME MINISTER'S OFFICE  
FINLAND

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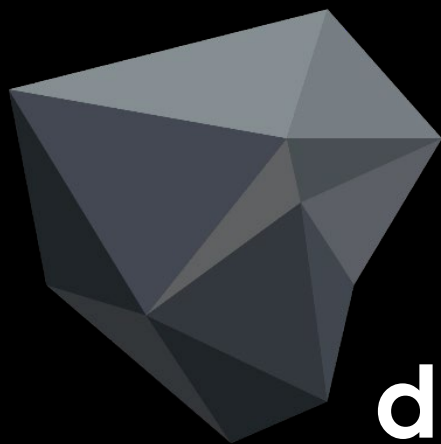
**Finland to become international leader in experimental culture – Experimental development helps municipalities face changes**

Government Communications Department © 10.3.2017 9:53 | Published in English on 13.3.2017 at 13:01  
PRESS RELEASE: 106/2017

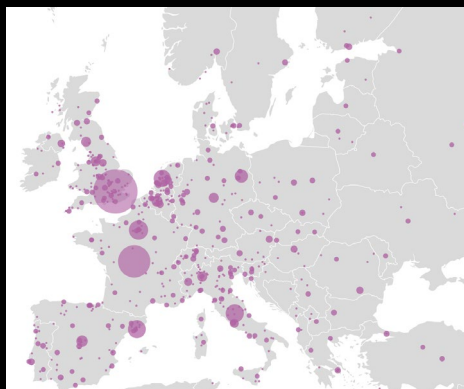
# Accelerating innovations in money

- Grants
- Stage-gated grants
- Loans
- Equity
- Quasi-equity
- Convertible loans and grants
- Grants with royalties
- Challenge prizes and inducement funding
- Crowdfunding
- Matched crowd-funding
- Revenue-based grants
- Social/Development impact bonds
- Service contracts for innovation
- Outcome-based procurements

# Digital social innovation



**digitalsocial.eu**  
**@DSI4EU**



## DIGITAL SOCIAL INNOVATION

SHOWCASE YOUR PROJECT, MEET COLLABORATORS AND FIND FUNDING

### FUNDING

Use our funding directory to find opportunities for your project

READ MORE →

### EVENTS

Explore DSI events happening around Europe

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### NEWS & BLOGS

Our blog features stories of the people and projects pioneering digital social innovation

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### EXPLORE EUROPE'S GROWING NETWORK OF DIGITAL SOCIAL INNOVATION

2,244

ORGANISATIONS

have collaborated on

1,449

PROJECTS

#### DATA VISUALISATION

##### EXPLORE EUROPE'S NETWORK OF DIGITAL SOCIAL INNOVATION

There are 2244 organisations and 1449 projects working on DSI across Europe.

With our interactive data visualisation, you can explore the organisations and projects working on DSI across Europe. Check it out now to understand what's going on across the continent and how you fit into it!

EXPLORE EUROPE'S DSI NETWORK →

## A theoretical framework for the DSI index

Jonathan Bone  
Codrina Cristu  
Matt Stokes  
June 2018

## WHAT NEXT FOR DIGITAL SOCIAL INNOVATION?


Realising the potential of people and technology to tackle social challenges

Matt Stokes, Peter Basack, Toby Baker  
May 2017

DIGITAL SOCIAL INNOVATION

# Data and AI: ethics *and* use

Allegheny County Department of Human Services



## Allegheny County Analytics

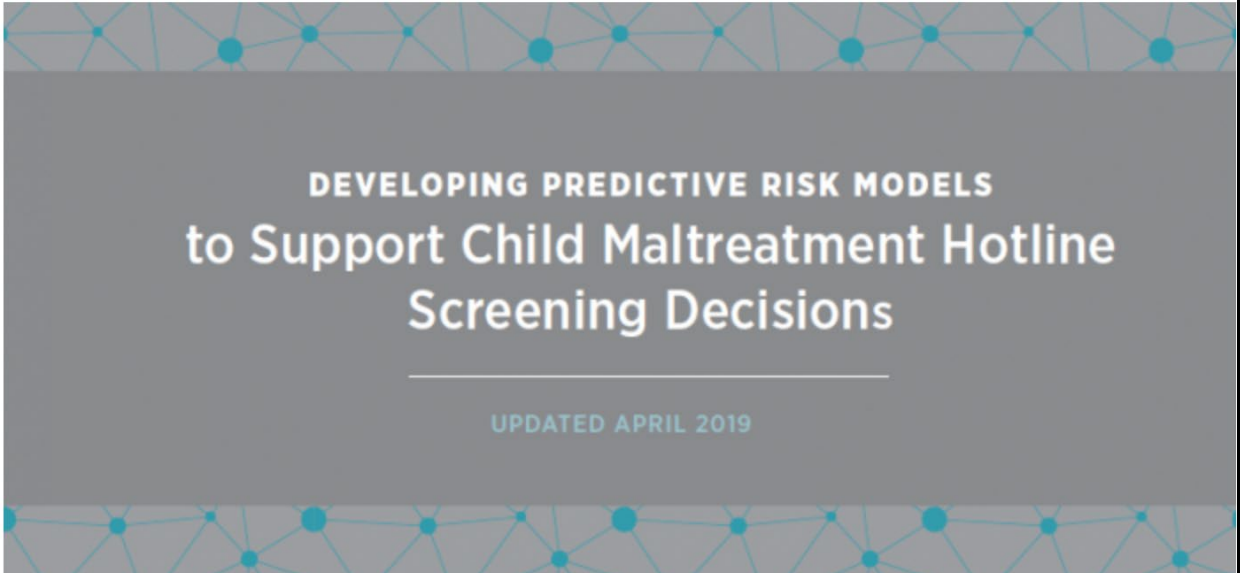
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Home > Children, Youth and Families > Developing Predictive Risk Models to Support Child Maltreatment Hotline Screening

Children, Youth and Families Innovation and Reform Type of Report Publications

### Developing Predictive Risk Models to Support Child Maltreatment Hotline Screening Decisions

By DHS - May 1, 2019 6112 0



DEVELOPING PREDICTIVE RISK MODELS  
to Support Child Maltreatment Hotline  
Screening Decisions

UPDATED APRIL 2019

# Corporate Social Innovation is the New Corporate Social Responsibility



By FOMIN



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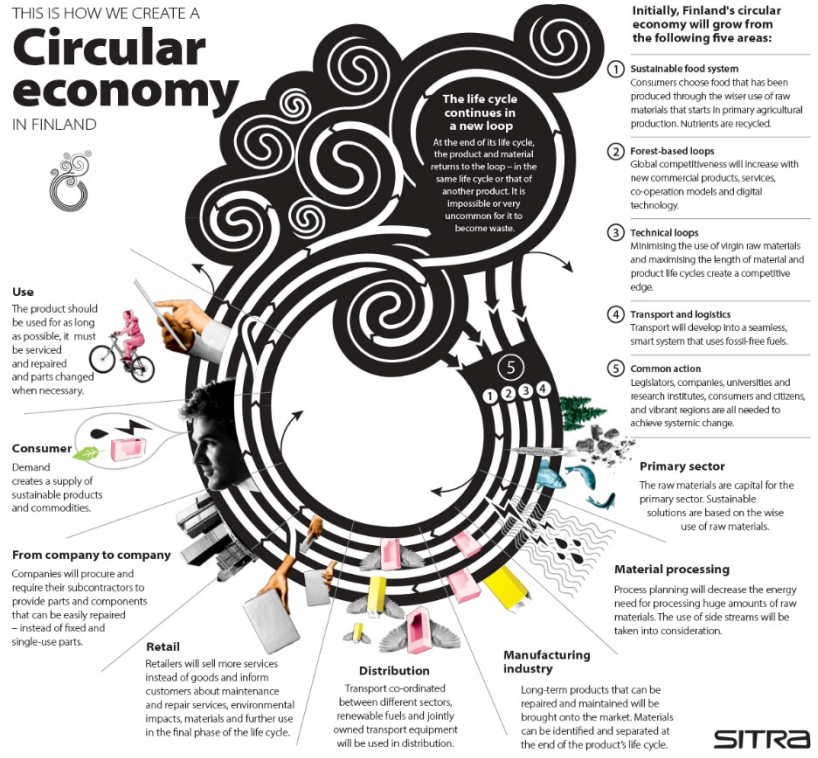
NEO is a pioneering initiative in which companies, governments and civil society in Latin America and the Caribbean work together to improve employment opportunities for 1 million young people

# Just transition

THIS IS HOW WE CREATE A

## Circular economy

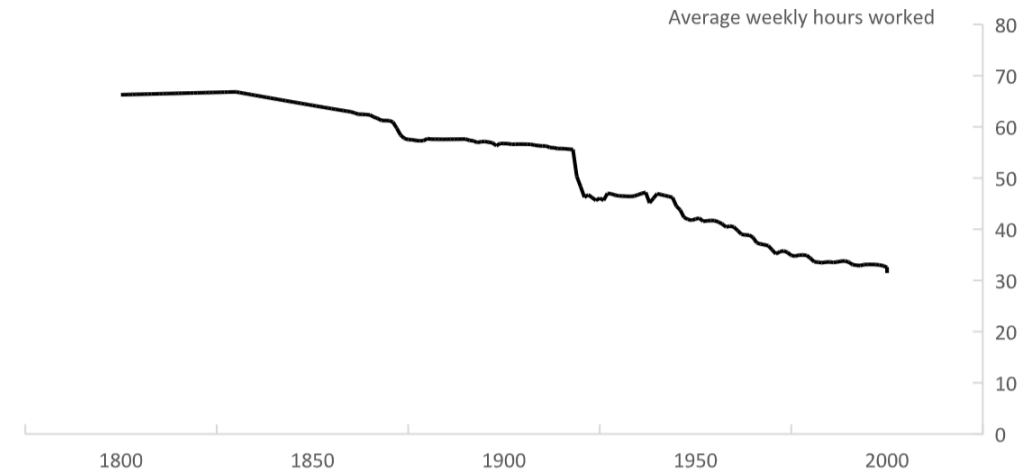
IN FINLAND



# Time

- UK average working week 1800=66 hours; 2000=32.5hrs
- Life expectancy : 1900=46 2000=78
- Both older and younger: average age older than ever; years left to live greater than ever
- Billions of hours for the social economy

Chart 3: Average hours per week worked since 1800



Sources: Bank of England 'Millennium of Data'.

The background of the left panel is a dark, textured surface with a network of thin, light-colored lines. Numerous small, glowing, spherical nodes are scattered across the surface, some appearing larger and more prominent than others. The nodes have a warm, orange-yellow glow, suggesting they are active or connected. The overall effect is one of a complex, interconnected system.

# Centre for Collective Intelligence Design

At the Centre for Collective Intelligence Design we explore how human and machine intelligence can be combined to develop innovative solutions to social challenges.

# Elements of Intelligence

- Observation and Data
- Live models of the world
- Analysis and prediction
- Memory
- Motor coordination
- Empathy
- Creativity
- Judgement
- Wisdom





ZOONIVERSE



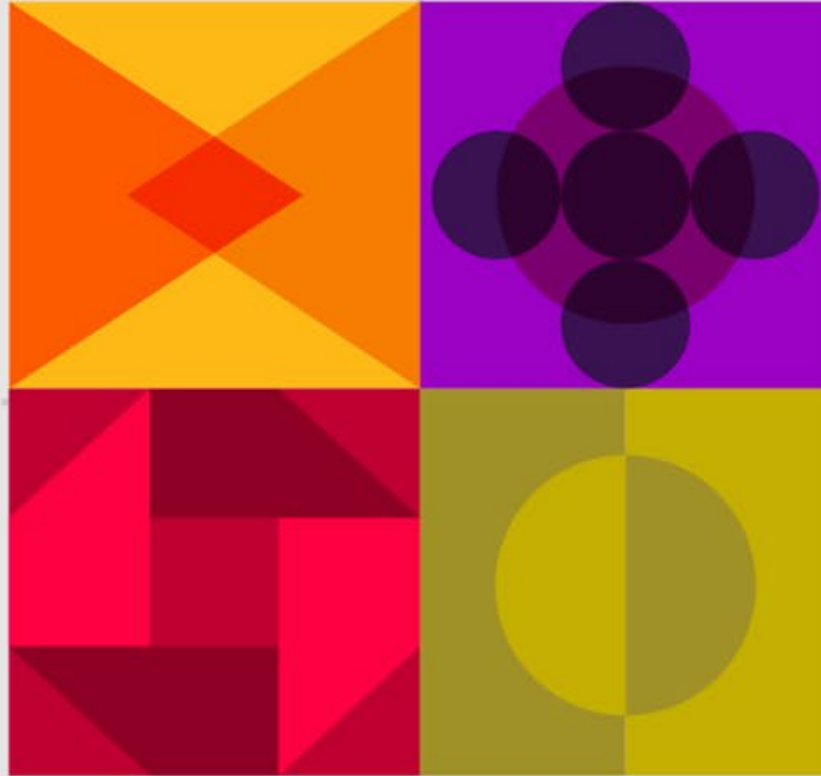
# How can collective intelligence help social innovation?

## understand problems

Generate contextualised insights, facts and information on the dynamics of a situation.

Monitor the implementation of initiatives by involving citizens in generating data, and share knowledge to improve the ability of others.

## learn and adapt



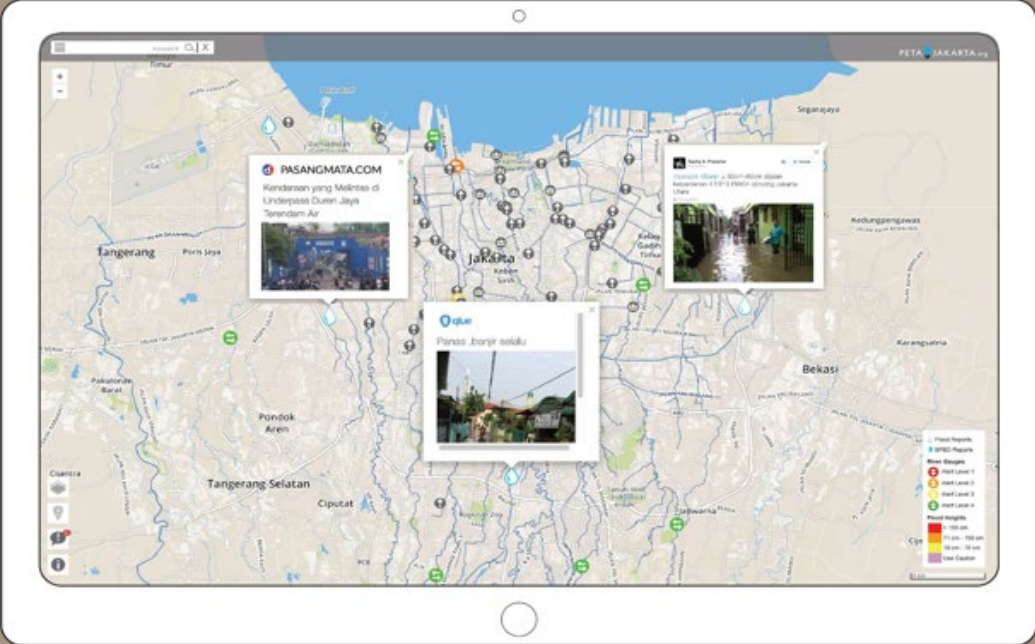
## seek solutions

Find novel approaches or tested solutions from elsewhere. Or incentivise innovators to create new ways of tackling the problem.

Make decisions with, or informed by, collaborative input from a wide range of people and/or relevant experts.

## decide and act

# Understanding problems: Peta Bencana



## Seeking solutions: WeFarm

How Wefarm works is simple:



Rose's crop is suffering from a disease, so she sends a simple, free SMS to the local Wefarm number.



Her question is instantly posted online and sent to selected members of the Wefarm community via SMS.



Rose receives useful, relevant knowledge within minutes... without leaving her farm or having any access to internet.

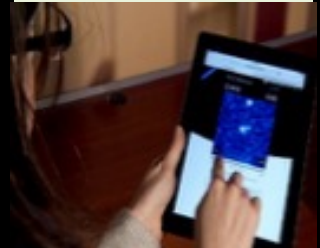
# NASA

## Public prize/challenge programs

## Other public crowdsourcing initiatives

## Internal crowdsourcing program

	Public prize/challenge programs			Other public crowdsourcing initiatives		Internal crowdsourcing program
						
<b>Duration</b>	Years	Months	Days/Weeks	Months	Months	Weeks
<b>Awards</b>	\$100K+ to \$Ms	\$1K to \$250K	Recognition	Recognition	Varies	Recognition
<b>Products</b>	Technology demos	Ideas, design, software	Software apps/tech concepts	Scientific observations and analysis	Design	Ideas, info
<b>Who</b>	US-led (to win prize)	Worldwide; US-led (COMPETES)	Worldwide	Worldwide	Students (US)	NASA
<b>Authority</b>	NASA prize authority	Procurement; COMPETES Act	Space Act	Amer. Innov. and Competitiveness Act	Space Act; grants & cooperative agreements	N/A



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OUR MISSION: TO INSPIRE AND DEVELOP THE BUILDERS OF TOMORROW

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# CELEBRATING 10 YEARS OF CROWDSOURCING AND CO-CREATION WITH LEGO® FANS

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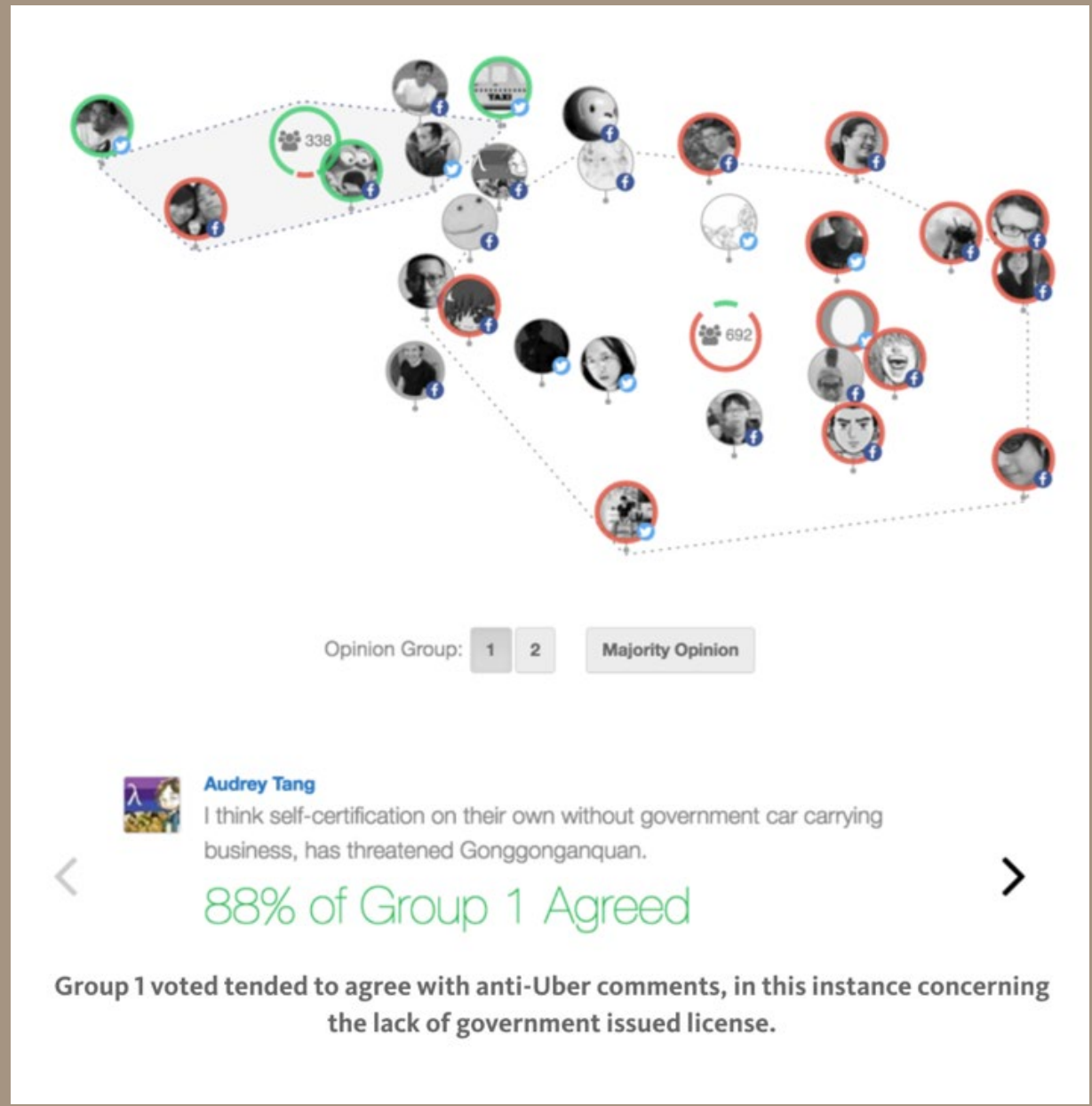
08 November 2018, 20:00

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DOWNLOADS

**LEGO® Ideas** – originally started as a playful experiment – has evolved into a global phenomenon of crowdsourcing user-driven innovation from LEGO adult fans

# Decide & Act: VTaiwan



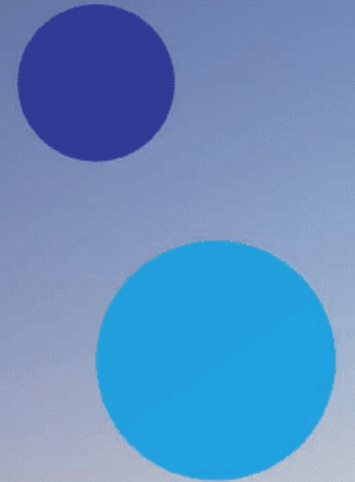
- The minimalist view puts social innovations squarely within the third sector, and “its resonance is with solidarity and communitarianism ... with the tradition within classical liberalism that prizes voluntary associations as well as with the strand within socialist thinking that proposes a non-statist socialism...”
- The maximalist view is concerned with “the whole of society, of its institutional arrangements, and of its dominant forms of consciousness... at its maximalist best, the social innovation movement [undertakes] the small initiatives that have the greatest potential to foreshadow, by persuasive example, the transformation of those arrangements and of that consciousness....”
- Roberto Mangabeira Unger

# Imagination unleashed

Democratising the  
knowledge economy

Roberto Mangabeira Unger, Isaac Stanley,  
Madeleine Gabriel, Geoff Mulgan

March 2019



## Research avenues

Using data tools to track emergence and spread of social innovations

Comparative policy analysis and prescription

Ecosystem analysis and prescription

Connecting minimal and maximal, projects and systems

