ابتكارات الحكومات الخلاقة

EDGE OF GOVERNMENT

القمة العالمية للحكومات 2018
World Government Summit 2018
Every era, time and culture has its own challenges. Today, we are preoccupied with questions of health and well-being, safety and trust, identity and adaptive regulation. It is in these moments that human ingenuity emerges, with its ability to craft new solutions and shape technology to guide us into the light.

In today’s world of rapid change and technological advancement, government innovation is more important than ever! By embracing experimentation and non obvious solutions, we develop new ways to impact citizens’ lives and change our world for the better.

Shaping new worlds starts at the edge, not at the core. We shed light on the unusual and unexpected before it becomes the new mainstream. The Edge of Government 2018 is a journey from the dark into the light.

Let today’s brightest ideas inspire us all, when faced with the challenges of tomorrow.

You are light.
The Mohammed Bin Rashid Centre for Government Innovation was established to stimulate and enrich the culture of innovation within the government sector through the development of an integrated innovation framework. The goal is for innovation to become one of the key pillars of the UAE government in line with the vision of H.H. Sheikh Mohammed Bin Rashid Al Maktoum, UAE Vice President, Prime Minister and Ruler of Dubai, which aims to develop government operations and enhance the UAE’s competitiveness, making the UAE one of the most innovative governments around the world.

تأسس مركز محمد بن راشد للابتكار الحكومي لتحفيز وإثراء ثقافة الابتكار في القطاع الحكومي من خلال وضع منظومة متكاملة للابتكار بحيث يصبح ركيزة أساسية من ركائز حكومة دولة الإمارات العربية المتحدة تطبيقاً لرؤية صاحب السمو الشيخ محمد بن راشد آل مكتوم نائب رئيس الدولة رئيس مجلس الوزراء حاكم دبي، الهادفة إلى تطوير العمل الحكومي، وتعزيز تنافسية دولة الإمارات بحيث تكون حكومة دولة الإمارات من مصايف الحكومات الأكثر ابتكاراً على مستوى العالم.
ابتكار خدمات حكومية جديدة
Shaping New Government Services
Shaping New Government Services

Ticketing redefined - when governments are early adopters to citizens’ requests

Swedish government-run railway company SJ lets its passengers use a chip implanted under their skin to present their ticket. The tiny chip enables train personnel to scan passengers’ hands.

The new service was introduced as a result of citizens’ demands. Rather than dismissing the request for payment by implants as an anomaly, the company embraced the change, recognising it might be an early sign of a growing trend. A prototype was developed in just 2 weeks, and the new payment option was introduced at record time. As technology becomes more and more widespread, how many more service extensions will citizens want? Proactive governments have a chance to be responsive and shape the future of services together with citizens.

Contributors and Partners

SJ
سحابة المواهب الحكومية
Talent Cloud
Canada’s Free Agents - How the government has redefined the meaning of being a public servant

One of the reasons governments often struggle to recruit and retain talent is that the public sector is seen as providing fewer opportunities for professional development and lateral career moves. The Government of Canada’s Free Agents program was designed to fix this problem. “Free Agents” are selected for their attributes and behaviours rather than their traditional skills. They are able to choose their work and undertake projects across the Canadian public service. Once in the programme, job satisfaction and enjoyment are considerably higher for Free Agents compared to the rest of the public service. Furthermore, the vast majority of Free Agents report new opportunities to apply existing skills and develop new skills and a higher likelihood of remaining in the public service.

Contributors and Partners

Canada’s Free Agents

الموظفين الموهوبين في الحكومة الكندية

كيف تمكنت الحكومة الكندية من تغيير طبيعة عمل موظفي القطاع الحكومي

من الأسباب الرئيسية وراء إستقالة بعض موظفي القطاع الحكومي هي عدم وجود فرصة لتساقط السلالم الوظيفية والتطور المهني ولذلك قامت الحكومة الكندية بإنشاء برنامج “الموظفين المتنقلين”. وهو برنامج يقوم موظفين ينتمون بحثاً على البنية وتقدم حلول للتحديات الموجودة ورغبون بالعمل بناءً على مشاريع محددة. يتم اختيارهم استناداً إلى مهاراتهم وخبراتهم وليس وفقاً للمعايير التقليدية المتعلقة بالمؤهلات العملية والأكاديمية. وسيطع الموظفون المتنقلون لهذا البرنامج إنجاز المشاريع التي يرغبون في العمل عليها بسبب مهاراتهم. وقد أثبتت تقييم البرنامج أن الموظفين المتنقلين ينتمون بمستوى أعلى من رضاهم الوظيفي بالإضافة إلى انخفاض معدل الدوران الوظيفي بالنسبة لهم وإرادة معدل بناء قدراتهم مقارنة بالموظفين الآخرين في القطاع الحكومي.
إنسان معزز بقدرات آلية
Cyborg
Neil Harbisson is the world’s first legally recognized cyborg. He has an antenna implanted into his skull that gives him access to something he was born without: the ability to perceive colour. It’s a skill he has been successfully honing for nearly 13 years: crafting pieces of art, symphonies, and building his very own ‘Cyborg’ foundation in its honour. For governments, his case raises important questions on what it means to be human: from administrative issues like, for example, the issuing of a passport ID to more substantial ethical and regulatory questions.
استخدام تقنيات جديدة لصيانة البنية التحتية

Mobilizing Construction
How infrastructure maintenance can be redesigned to empower citizens and deliver better results

Maintaining good quality roads in Kenya may sometimes be a tricky challenge due to the difficulty of monitoring the infrastructure and quickly procuring services to fix issues. To improve the situation, the Kenyan government is involving local communities in an innovative way. A smart device placed on vehicles measures road conditions in real time and identifies road hazards like potholes that need repairs. Micro contracts are created to assign road repairs to pre-registered local labourers who bid for work via mobile phones. In an initial pilot, lead times were shortened significantly.

Contributors and Partners

Mobilized Construction

Kenya

مobilized construction
سن تشريعات جديدة باستخدام الخوارزميات

Shaping New Regulation
How to rethink enforcement of regulation using algorithms

Air and noise pollution do not abide by any geographic boundaries and can drastically impact the quality of life of residents living in surrounding areas. Regulating and enforcing compliance with air and noise standards can be tricky for local governments. As a result, regulations at times risk remaining just on paper. In the Netherlands, citizens living in the vicinity of a location where an event (e.g., a concert) or a construction happens receive an instant micropayment every time the noise level exceeds its limits. Sensors in their homes monitor the noise level. What other issues could be regulated this way?

Shaping New Regulation

The Netherlands
إعادة تعريف منظور الرفاه الاجتماعي

Shaping Well-being
How do you get frontline service staff to gain a new perspective on their work, and innovate the services they provide to citizens? Keen to reframe welfare, the Asker Welfare Lab turned to investment bankers to provide a new perspective on the way they provide their services to disadvantaged citizens.

The result: municipal staff now form cross-cutting investment teams that sign off on long-term investment plans with citizens. Living conditions and quality of life for families were measured before and after the encounter with the Investment Team, showing improvements and reduced costs for service provision. The municipal employees involved, who now have greater access to resources and can make investments at an earlier stage, feel that they can affect real change.
توظيف التكنولوجيا لإنقاذ الأرواح
Shaping Technology to Save Lives
How firefighters can now "C-Thru" hazardous environments

While thermal imaging cameras have long enabled fire fighters the ability to see in zero visibility, new technologies are greatly expanding their capabilities. Traditional thermal is slow, overloaded with information, and displayed in a way that is unnatural for rapid navigation in extreme environments.

Inspired by an actual walk inside a volcano and co-developed with end users, the C-Thru system allows firefighters to get in and out of the fire five times faster. What other technologies can governments quickly adopt and help develop to bring greater benefits to public servants and citizens alike?

Contributors and Partners

Qwake Technologies
Menlo Park Fire Department
Cosumnes Fire Department
#القمة_العالمية_للحكومات
#WorldGovSummit
#MBRinnovation