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Deloitte's Art & Finance Panels - ArtCity 2020

Culture and Smart Cities

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MAKING AN IMPACT THAT MATTERS since 1845

Culture and Smart Cities

As a result of the current sanitary crisis and the digitization of culture, does it make sense to include culture in the concept of smart cities?

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PANELISTS

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“Megacities are shaping the map of the world”

Parag Khanna

1. We live in a Changing **World**

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A changing world | **Development variables**

Social, economic, and environmental stand as the three areas on which Cities can make a difference

70%

Urban development

- ~**70%** of the world population will **live in cities** by 2050.
- **Mega cities** is the trend.
- Unprecedented **urbanization**.

Source: United Nations, 2018 Revision of World Urbanization Prospects

80%

Economic development

Competitive cities are more than simply a geographic space in which competitive firms and industries grow.

Cities are responsible for 80% of the Global GDP

Sources: World Bank, Urban Development

75%

Sustainable development

Cities occupy **only 3% of Earth land**…

…but **account for up to 80% of energy consumption…**

…as well **as 75% of global waste and carbon emissions**.

Source: United Nations, 2018 Revision of World Urbanization Prospects

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"The 19th century was a century of empires;
20th century was a century of nation states and
the 21st century will be century of cities."

Wellington Webb, former Mayor of Denver

2. Cities can make a **difference**

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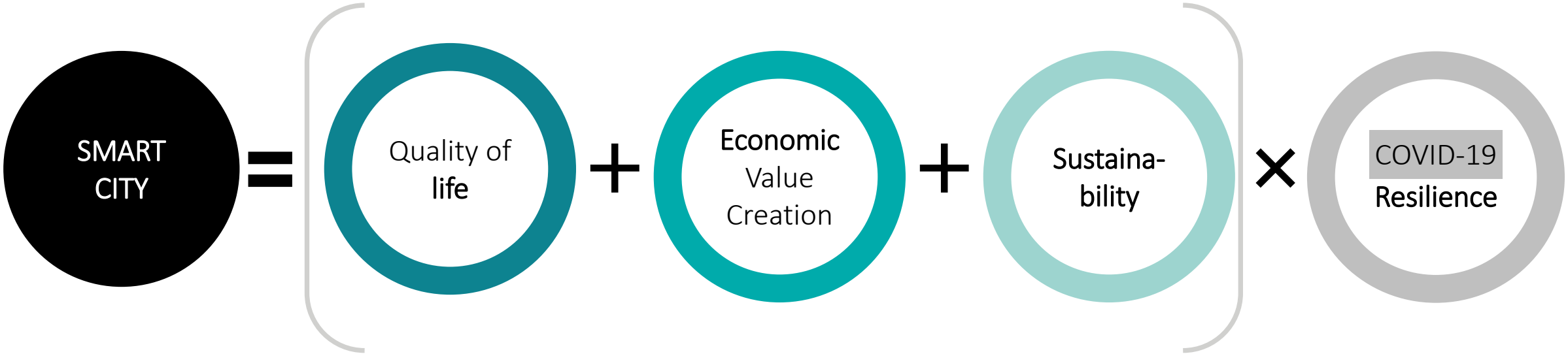
Cities can make a difference | **The Future of Cities in an (not so simple) equation**

Where there were borders setting the destiny in the past, now there is connectivity: here is how Smart initiatives impact the Public Sector



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Integrated approach| An integrated approach for cities & nations is required

It is only when solutions are interconnected that each initiative unfold its full potential. However, from 153 smart cities recently analysed*, 90% do not have an integrated strategy

Citizen at the center

Citizen is the one that benefits the most, with technology assessing human needs

Comprehensive view

A Comprehensive view is fundamental

Wide-ranging urban planning

It allows real-time response and long-term planning

Resource management

Efficiency in resource management, increase in transparency and enhancement of community engagement

Source: * Roland Berger

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Deloitte's Smart City & Smart Nation Urban Development Framework

Capabilities to support existing and to-be cities from strategy to operation

Phases

Create a Vision → Plan & Design your Future → Bring to Life → Run & Improve

Capabilities & Enablers

Global Orchestration
- Program Management
- Governance, Organization & People
- Marketing & Branding
- Legal & Regulatory
- Data-driven Insights

Stakeholder Engagement
- Citizen Engagement
- Innovation Ecosystem

Funding & Financing
- Investment Attraction
- Public Funding & Financing
- Tax & Revenue Generation

Service Delivery & Operations
- Service Catalogue
- Service Management & Operations

Infrastructure
- Asset Management & Infrastructures
- Public Space Management
- Communication Infrastructures

Digital Technologies & Applications
- Data Management & Cybersecurity
- City Platforms
- City Applications
- Digital Technologies

Sectors & Domains

Cross-cutting
- Quality of life
- Economic Development
- Sustainability & climate change
- Resilience

Energy & Environment
- Water
- Energy
- Waste

Mobility
- Intermodal
- Air
- Sea
- Micromobility
- Shared Mobility
- Mass Public Transport

Safety & Security
- Civil protection
- Safety
- Security

Economy
- Industry
- Services
- Retail
- Tourism

Living & Health
- Entertainment & Culture
- Food
- Media
- Biotech
- Healthcare

Government & Education
- Government
- Education
- Higher Education
- Science & Research

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DELOITTE'S GLOBAL CITIES AMBITION

To have an impact in the lives of more than 100 million people and in the future generations

by improving the quality of life and solving key urban challenges

thus contributing to the United Nations SDG 11 - Sustainable Cities and Communities.

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Deloitte's positioning on Smart Cities | **A tailored positioning for Smart Cities**

We focus on solving urban challenges, developing assets & solutions, and promoting co-creating methodologies

Beyond consultancy

Co-developing **assets & solutions** that **create a tangible impact** in the way cities are governed.

Ecosystem Player

Alliance and collaboration approach as the right path towards innovation and sustainable development.

Super Connector

Leverage on Deloitte's global reach to **gather, promote & scale the best solutions** jointly solving complex urban challenges.

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Miks
White Valley

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