HISTORY

1999

2000

DUBAI MEDIA CITY

DUBAI INTERNET CITY

E-GOVERNMENT

ICT STRATEGY

2001

2009

DUBAI METRO

M-GOVERNMENT

2010

2013

BURJ KHALIFA

SMART DUBAI LAUNCHED

2014

2017

DUBAI IS WORLD’S SMARTEST CITY
Our vision is to make Dubai the happiest city on Earth

Our mission is to create happiness, by embracing technology innovation—making Dubai the most efficient, seamless, safe and impactful experience for residents & visitors.

A city-wide initiative to transform into the world’s smartest city

By 2017, Dubai aims to establish itself as the smartest city on the planet. Driving unparalleled quality of life for its residents & visitors, using smart technology across 4 pillars & 6 dimensions.

Technology only builds solutions. Great solutions drive happiness

Our visionary leader equates technology to a building block towards extraordinary quality of life—not the end goal. Sustained resident & visitor happiness is the journey’s purpose.

Dubai has pioneered smart city solutions consistently over twenty years

We have an opportunity to become a blueprint for emerging economies with greenfield infrastructure. Our focus will be two specific dimensions — Smart living and Smart economy.
<table>
<thead>
<tr>
<th>OUR PILLARS</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>EFFICIENT</strong></td>
<td>Optimised use of city resources</td>
</tr>
<tr>
<td><strong>SAFE</strong></td>
<td>Anticipate risks &amp; protect people and information</td>
</tr>
<tr>
<td><strong>SEAMLESS</strong></td>
<td>Integrated daily life services</td>
</tr>
<tr>
<td><strong>IMPACTFUL</strong></td>
<td>Enriched life and business experiences for all</td>
</tr>
<tr>
<td>OUR DIMENSIONS</td>
<td>ECONOMY</td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>Innovative economic conditions fuelling entrepreneurship &amp; global competitiveness</td>
</tr>
</tbody>
</table>
Dashboards and applications for public within a unified services ecosystem.

Public and private data analytics, governance and services platform.

Secure and accessible data intake, transformation and storage.

Citywide data, ICT and Internet of Things infrastructure.
THE PROCESS

CURRENT STATE

GLOBAL BENCHMARK

BLUEPRINT

FUTURE DUBAI

ROADMAP

SMARTEST CITY
**CURRENT STATE / SUMMARY**

Identify current & planned ICT infrastructure, Data sets, Applications and Services to project a ‘Future Dubai’ view

<table>
<thead>
<tr>
<th>APPROACH</th>
<th>OUTCOME</th>
<th>SUB-COMMITTEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information gathering via questionnaires &amp; workshops</td>
<td>Map layers</td>
<td>Findings presented to Executive Committee</td>
</tr>
<tr>
<td>Data analysis</td>
<td>Challenges, duplication &amp; opportunities</td>
<td>Sub-committees tasked to define approaches, address challenges and report with specified KPIs</td>
</tr>
<tr>
<td>Data validation</td>
<td>Recommend resolutions</td>
<td></td>
</tr>
</tbody>
</table>
Key challenges and opportunities derived from extensive research to help understand the current state of Dubai today
The Open Data Committee was formed in Nov 2014 by decree of HH Sheikh Hamdan Bin Mohammed.

**OBJECTIVES**

Support use of data in decision-making

Increase participation and engagement of citizens, residents & customers

Improve efficiency & effectiveness of government and private sector services

Enrich & enhance innovation opportunity throughout knowledge economy

Increase knowledge resources

Increase utilisation of restricted data with high security

Evaluate global research, select exemplary cities, extract and rank best practices — to identify opportunities for Dubai

**APPROACH**

1. Global cities ranked on relevance to Smart Dubai Dimensions
2. 76 best practices selected in top 10 selected cities
3. Best practices filtered by quality, tagged against existing or planned in Dubai

<table>
<thead>
<tr>
<th>TOP 10 CITIES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New York City</td>
<td>Vienna</td>
</tr>
<tr>
<td>London</td>
<td>Zurich</td>
</tr>
<tr>
<td>Toronto</td>
<td>Hong Kong</td>
</tr>
<tr>
<td>Vancouver</td>
<td>Stockholm</td>
</tr>
<tr>
<td>Tokyo</td>
<td>Singapore</td>
</tr>
</tbody>
</table>
GLOBAL BENCHMARK

SMART DUBAI BENCHMARK REPORT 2015

CITY

PILLAR

DIMENSION

LAYER

RANK

NEW YORK
CENTRE FOR URBAN SCIENCE & PROGRESS (CUSP)

LONDON
ONLINE LEARNING I-ZONE

VIENNA
SMART STREET LIGHTS

NEW YORK
HYBRID BUS

SINGAPORE
ECO VILLAGE

NEW YORK
E-MORAIL
THE PROCESS

CURRENT STATE — GLOBAL BENCHMARK — BLUEPRINT

FUTURE DUBAI — ROADMAP — SMARTEST CITY
A guideline document for stakeholders to implement the strategy with a consolidated high-level requirement set

**SCOPE OF ARCHITECTURE**
Aims of architecture, participating entities, international standards, value-additions to Dubai

**TECHNICAL REFERENCE MODEL**
Technical standards for smart city services all across Dubai

**SMART DUBAI LAYERS**
Overview of components of the smart city platform, developed in detail, per layer

**SMART DUBAI INDEX**
Tool to develop their strategies and evaluate progress Dubai’s vision
GENERAL UPDATES
As a city-wide happiness index with both virtual and real-life touch points — creating the new Happiness Meter Index (HPI) metric

**TOUCHPOINTS**

e-Government websites
Existing public kiosks
Downloadable mobile apps
Private sector venues

**IMPLEMENTATION PARTNER**

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حكومة دبي الذكية
Dubai Smart Gov
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The Dubai Smart Cities Forum is an event series co-founded by Smart Dubai & MBRSG to help gather, share and educate stakeholders on the Smart City conversation.
TIMELINE OF KEY MILESTONES

2014
- HAPPY LIVING LAUNCH EVENT
- CURRENT STATE REPORT
- DUBAI SMART CITIES FORUM

2015
- SUB-COMMITTEES
- BLUEPRINT
- GITEX
- HAPPINESS METER
- SPRD LAUNCH
- STRATEGIC PARTNERS BRAND
- BENCHMARK REPORT
- FUTURE DUBAI REPORT
- PARTNER SELECTION

FUTURE DUBAI ROADMAP
- PROPOSALS
- DISTRICT GUIDELINES
- SPRD EVALUATION
- HAPPINESS METER