Design of a Smart City Strategy and Action Plan for Medellin (Col)

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LAC Infrastructure Upstream

Global Smart City Projects for Development
Virtual Knowledge Exchange
session on Apr 27, 2021
Provide commercial subnational finance and related advisory services to help Medellín develop their pipeline of key urban infrastructure projects - sustainable transport, Smart Cities and knowledge sharing activities focused on Urban Sustainability.

Support Medellín’s transformation by helping them to make progress in their reform agenda to enhance efficient use of resources while focusing on inclusive and sustainable growth.
Support the Mayor of Medellín and his Digital Innovation Department (DIS) to define a strategy and further actions to integrate and scale-up the use of digital solutions and big data aiming to elaborate Medellín’s Smart City Master Plan, to deliver better outcomes and impact for society, the economy, and environment.

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<tr>
<th>Consultant</th>
<th>Graham Colclough</th>
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<tbody>
<tr>
<td>Timeline</td>
<td>November 2020 – March 2021 (15 days)</td>
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<td>Technical counterpart</td>
<td>Secretary of Digital Innovation of Medellín</td>
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<td>[mobility, Metropolitan Area, Ruta N, among others]</td>
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<td>Support Type</td>
<td>• Virtual mission</td>
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<td>• Technical analysis for policy dialogue and project design</td>
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IFC – MEDELLÍN SMART CITY: ACTIVITIES

1. Portfolio of Investable Projects
   - A coarse bankable portfolio – to work from
   - Scope coverage (b)
   - Sensible criteria
   - V. rapid base-line (+2.5 stages)
   - Ongoing assessment
   - Ongoing initiatives

2. Visually engaging Plan
   - Putting a plan in place that will stick
   - Vision, strategy, roadmap – a process that’s engaging to all
   - Agile in delivery
   - International good practice
   - Governance that’ll work

3. Informed by International ‘Deep Dives’
   - List →
   - Actions →

Quick review of COVID actions

- How to ensure best impact locally?
- What to exploit (inter)nationally?

Covid response has been integrated into the overall approach
IFC – MEDELLÍN SMART CITY: METHODOLOGY

A visually engaging Plan

3 key audiences:
• City leaders – to unite
• City Hall & Partner staff – to mobilise
• Communities – to build political agency & trust

A Portfolio of 53 investable projects

• Across all city infrastructure and service areas
• Aligned with Mayor priorities
• Connected to MINTIC & CIMI indexes

$560 million (from 15 initiatives)
• 21 Quick wins

Detailed Analysis & Digital Capture

Analysis:
• Interdependencies
• Budget / Investment
• MINTIC links

Digitisation
• System modelling & visualisation
• All analysis data incorporated
• Portfolio & programme mgmt tool

Engaged & Active ~50 Participants

Key Secretariats
• DIS, Mayor’s Office, Mobility, Participation, Tourism

City-Metro Area Partners
• Ruta-N, MetroMedellin, AMVA, Chambers, EPIM,

Core Team; Extended; Drop In

Names
Rule #1: Initiatives should have a footprint in District F, and if not then the logic for not doing so should be captured.

Rule #2: Each initiative should also have a footprint in a number of other communes, such that every commune is touched by smart city initiatives in some way(s).

Way Forward
1. Finalise the “Rule #1” initiative candidates to prove within District F.
2. Ensure a balance of initiatives across enabling and delivery themes.
3. Make specific plans for each initiative (and ensure budget is mobilised).
4. Generate city/local political support & all partner organisation leaders.
5. Move Quick Wins forward fast.
6. Passion – Obsession – Persistence will pay off!
IFC – MEDELLÍN SMART CITY STRATEGY: IFC NEXT STEPS

- Help position Medellín as a smart city.
- Continue to expose Medellin to innovative smart city initiatives (international benchmarking)
Thank you