HIGH-IMPACT COMMON SERVICES FOR THE BOS 2.0

UN COMMON MOBILITY BY UNDP

April 20th, 10am NY | April 21st, 7am | 2021
What are High-Impact Common Services?

- High-Cost Avoidance
  - High-cost avoidances
  - High-Usage among UNCTs
- High-Quality Improvement
  - High-quality improvement
  - SDG linkage
- Good Practices
  - Innovative & good practices from Agencies around the world
Objectives & Benefits of Scaling High-Impact Common Services

- Standardization: Simplifies BOS Process
- Maximizes Cost-Avoidances
- Quality-improvement & Strengthen SDG Integration
- Use System-wide Data to scale good practices
HIGH-IMPACT SERVICES ROLLOUT

TAGGED ‘RECOMMENDED’ IN ONLINE PLATFORM

PRACTICE NOTES

IMPLEMENTATION

DEDICATED WEBINARS

DEDICATED EXPERT SUPPORT
IF YOUR BOS IS IN DEVELOPMENT

INCLUDE IN YOUR BOS NOW

IF YOUR BOS IS COMPLETED

INCLUDE IN BOS REVIEW

WAY FORWARD
UNDP Fleet Management Solution
Fleet Management Solution – project overview

- The project was started in 2019 with the Proof of Concept and was deployed in four countries – Kyrgyzstan, Moldova, Georgia and Cambodia.

- In 2020 project moved into Phase II of Global roll out

- In Phase II Fleet Management Solution includes integrated Booking feature as well as Mobile application.
Fleet Management Solution – project overview

**Benefits:**

- UNDP-wide, coordinated, organized approach to fleet management and performance evaluation
- Support UNDP in implementing the UN Road Safety Strategy.
- Promote Safer Driving Environment
- An effective way to gather, collect and report on the fleet management metrics and KPIs
IoT Architecture

OBD 2 Device 1
- OBD Data

OBD 2 Device 2
- OBD Data

Configuration over HTTPS

OBD 2 Device N
- OBD Data

Azure IoT Hub

Azure Active Directory
- Active Directory based user Authentication & Authorization

Azure Blob Storage
- Vehicle Telemetry / OBD Data

Power BI Reports

REST APIs

Azure SQL Storage
- Account, Vehicle etc. Master Data

Realtime Fleet Tracking

Azure App Service – Backend App
- Account Management
- Device Management
- Trip Management
- History Reports
- Fleet Management

Azure App Service – Frontend App
- Fleet Management
- Reports

UNDPAzure Cloud
Web and Mobile application
FLEET TRACKING and REPORTING FEATURES
Fleet Management Solution – User Roles

The following roles are set-up in the Fleet Tracking Solutions:

1. Tenant Admin
2. Fleet Owner
3. Driver
4. Passenger
### Fleet Tracking Solution

**Total Tenants:** 16  
**Total Fleets:** 21  
**Total Vehicles:** 123

#### Fleet Details

- **Healthy:** 20  
- **Faulty:** 0  
- **Online:** 0  
- **Offline:** 20

<table>
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<tr>
<th>#</th>
<th>Name</th>
<th>Last Seen</th>
<th>Distance Travel</th>
<th>Details</th>
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<tr>
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<td>RAV4H-PP80FF-Gvazava</td>
<td>09/26/2020 01:58:03</td>
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The vehicle drove below speed limit for 15 min 10 sec for 6.08 kms.
The vehicle drove above speed limit for 3 min 3 sec for 2.01 kms.
VEHICLE BOOKING FEATURE
Edit Booking Request: Vera Kirienko

Service: Book vehicle

Pickup: 304 Main St, Cornwall, NY 12518, USA

Date Time: 04/21/2020 14:15:16 - 04/21/2020 20:36:12

Trip: Official - Round Trip

Stop: 304 E 45th St, New York, NY 10017, USA

Number of Passengers: 1

Drop: 304 Main St, Cornwall, NY 12518, USA

Vehicle: 

Luggage Count: 0

Choose another vehicle

Available Vehicles - 1 (Click on row to select a vehicle)

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<tr>
<th>#</th>
<th>Vehicle Name</th>
<th>Vehicle Info</th>
<th>Driver Name</th>
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<tbody>
<tr>
<td>1</td>
<td>4562429824 T5</td>
<td>Toyota</td>
<td></td>
</tr>
<tr>
<td>Vehicle Booking Tool</td>
<td></td>
<td></td>
<td></td>
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<tr>
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## Vehicle Occupancy

<table>
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<tr>
<th>Fleet</th>
<th>UNDP Tunisia</th>
<th>Date</th>
<th>View</th>
<th>Export</th>
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</table>

### Vehicle Name

<table>
<thead>
<tr>
<th># Bookings</th>
<th>Estimated Distance</th>
<th>Estimated Duration</th>
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<table>
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<th>Driver</th>
<th># Bookings</th>
<th>Estimated Distance</th>
<th>Estimated Duration</th>
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<tbody>
<tr>
<td>Ahmed Dhib</td>
<td>1</td>
<td>53.21 kms</td>
<td>1 Hour 12 Minutes</td>
</tr>
<tr>
<td>Akrem Jlassi</td>
<td>1</td>
<td>7.14 kms</td>
<td>11 Minutes</td>
</tr>
<tr>
<td>Mehdi Sadraoui</td>
<td>1</td>
<td>11.58 kms</td>
<td>20 Minutes</td>
</tr>
<tr>
<td>Weihi Rezgui</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Mo</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**07 - 08**
- Booking #332

**08 - 09**
- Booking #332

**09 - 10**
- Booking #332

**10 - 11**
- Booking #332

**11 - 12**
- Booking #332

**12 - 13**
- Booking #332
- Booking #349

**13 - 14**
- Booking #332
- Booking #350

**14 - 15**
- Booking #332
- Booking #350

**15 - 16**
- Booking #332

**16 - 17**
- Booking #332

**17 - 18**
- Booking #332

**18 - 19**
- Booking #332

**19 - 20**
- Booking #332

**20 - 21**

Q&A & FUTURE COLLABORATIONS

Access the Practice Note Here

Provide your Feedback on the Webinar Here
UPCOMING BOS WEBINARS: APR 2021
HIGH-IMPACT COMMON SERVICES

I. UN Common Mobility & Carpooling by UNDP:
Common Mobility and Carpooling Services (by UNDP) for UNCT management of individual or global fleets.

- **Tue, April 20th, 2021, 10:00 am-11:00 am NY Time (GMT-4)**
- **Wed, April 21st, 2021, 07:00 am-08:00 am NY Time (GMT-4)**

II. Green Energy Solar Solutions
Implement solar solutions: solar panels, solar street lights, solar water pumps, & solar home kits.

- **Tue, April 27th, 2021, 10:00 am-11:00 am NY Time (GMT-4)**
- **Wed, April 28th, 2021, 06:00 am-07:00 am NY Time (GMT-4)**

III. Disability Inclusion: Physical Accessibility
Receive guidance and support for making UN premises, facilities, & meeting spaces physically accessible for persons with disabilities.

- **Tue, May 4th, 2021, 10:00 am-11:00 am NY Time (GMT-4)**
- **Wed, May 5th, 2021, 06:00 am-07:00 am NY Time (GMT-4)**
Thank you for your participation
Development Coordination Office
Country Business Strategy
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