### General status

- The 2020 revision of the ONE Record standard has been endorsed by the COTB (identified as “Adopted” below).
- The group of experts (Data Model / API & Security) keep working on the enhancement/improvement of the standard.
- IATA is working on a Multilateral Data Agreement (MDA) to facilitate the pilot implementation.

### Data Model

<table>
<thead>
<tr>
<th>Category</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline Core Ontology</td>
<td>A</td>
</tr>
<tr>
<td>Interactive Cargo (IoT)</td>
<td>E</td>
</tr>
<tr>
<td>Shipper’s Letter of Instruction</td>
<td>E</td>
</tr>
<tr>
<td>Dangerous Goods</td>
<td>I</td>
</tr>
<tr>
<td>Cargo Distribution</td>
<td>A</td>
</tr>
<tr>
<td>Pharmaceutical</td>
<td>I</td>
</tr>
<tr>
<td>CO2 Emission</td>
<td>A</td>
</tr>
<tr>
<td>Customs (PLACI, ICS2)</td>
<td>A</td>
</tr>
<tr>
<td>e-CMR</td>
<td>E</td>
</tr>
<tr>
<td>Ground Handling</td>
<td>I</td>
</tr>
<tr>
<td>ULD Tracking</td>
<td>E</td>
</tr>
</tbody>
</table>

### API / Security

- **PUB/SUB**: A
- **Access Control**: A
- **Cascading status update - Pub/Sub in multi-chain**: A
- **LO update**: A
- **Data integrity / non-repudiation with RDF**: I
- **Access delegation**: A
- **SHACL shapes**: I
- **Event**: A
- **IoT updates**: E
- **Audit trail / Versioning**: P
- **Rich data**: I

### Pilot projects

- **Pilot projects**: 7
- **Use cases**: 12
- **Pilot companies**: 42

### Red Flag

- N/A
**Legend**

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Ideation</td>
<td>The element has been identified as relevant for the standard but no work has been initiated</td>
</tr>
<tr>
<td>E</td>
<td>Experimental</td>
<td>A first reflection/discussion has been initiated and a first draft may have been produced but not properly documented nor distributed</td>
</tr>
<tr>
<td>P</td>
<td>Proposed</td>
<td>The element has been properly documented, distributed (i.e. publicly available) and ready to use in Proof of Concept or Pilot Project</td>
</tr>
<tr>
<td>V</td>
<td>Verified</td>
<td>The element has been integrated in at least one Proof of Concept or Pilot Project and has been recognized as fit for purpose</td>
</tr>
<tr>
<td>A</td>
<td>Adopted</td>
<td>The element has been submitted to IATA governance bodies and has been endorsed as part of the IATA ONE Record standard</td>
</tr>
</tbody>
</table>
Activities for 2020

**Data Model**
1. Improve the core airline ontology after COTB endorsement
2. Expand the data model with at least Cargo distribution, Customs, CO2 Emissions, IoT
3. Focus on high added value deliverables such as use cases and how-to’s for the data model

**API**
1. Develop “Experimental” API features to the “Proposed” stage
2. Deploy “Proposed” API features into pilot projects and drive to “Verified” stage
3. Document “Verified” API feature and drive to “Approved” stage
4. Identify and qualify new API feature to "Experimental" stage

**Security**
1. Agree on the security requirements
2. Deliver PoC and make it available for pilot projects

**Pilot projects**
1. Wrap up 2019 pilot projects and document take away and lessons learned
2. Identify and agree on use cases for 2020 pilot projects
3. Identify required data elements and API features
4. Call for pilot project teams

**Developer Portal**
1. Developer Portal
2. ONE Record Compliance Checker
3. ONE Record Ontology tool
4. ONE Record Demonstrator
5. ONE Record Tool Shed
6. ONE Record Security Portal