**REQUIREMENTS FOR A-CDM INFORMATION SHARING (ACIS) SYSTEM CHECKLIST TEMPLATE**

*The information sharing is the foundational block of ACDM. Information sharing is the element that ties the stakeholders together in their aim to efficiently coordinate and manage operations. The purpose of information sharing is to provide the right information to the right people at the right time.*

*To achieve this, a communication system should be implemented. It may range from a simple A-CDM dialog system to a more advanced A-CDM information sharing platform (ACISP), depending on the technical possibilities of the airport and airport partners.*

*The structure that provides the overall environment through which A-CDM partners may share information securely, with the assurance that data is accurate, relevant, timely and authoritative, is often referred to as the A-CDM information sharing (ACIS) system.*

***The following checklist helps to highlight the requirements for an ACIS.***

| Information Required | Available | Not Available | Not Applicable |
|---|---|---|---|
| **Groups/types of information** | | | |
| Live data | | | |
| Static data | | | |
| Consistent display of information | | | |
| Secure display of information | | | |
| Sharing of all relevant events by using the different means of reporting routines that have been agreed upon | | | |
| Automated routines or not | | | |
| If not automated, information sharing relies on standardized reporting routines | | | |
| **Methods to exchange information**<br><br>**ACIS performance principles support local decision-making for each partner and facilitate the implementation of A-CDM elements by:** | | | |
| Providing a single, common set of data describing the status and intentions of a flight | | | |
| Connecting A-CDM partners' data processing systems | | | |
| Serving as a platform for information sharing between partners. | | | |
| **Information quality based on a moving time window** | | | |
| Accuracy | | | |
| Timeliness | | | |
| Reliability | | | |
| Stability | | | |
| Predictability | | | |
| **Securing the flow of information (agreements include)** | | | |
| MoUs | | | |
| Service level agreements (SLA) | | | |
| A-CDM contracts | | | |

| Interface descriptions | | | |
|---|---|---|---|
| letters of agreement (LoA) | | | |
| **Data assurance control** | | | |
| Data filtering | | (e.g., filtering data according the display requirements for each A-CDM partner); | |
| Data recording | | (e.g., registration of all information, its sources and input times that are entered in the A-CDM system) | |
| Data storage | | (e.g., the manner in which data is physically stored and how it is made available for post-analysis functions) | |

The Information Sharing Element defines the sharing of accurate and timely information between the Airport CDM Partners in order to achieve common situational awareness and to improve traffic event predictability. The Airport CDM Information Sharing Platform (ACISP), together with defined procedures agreed by the partners is the foundation for the other Airport CDM Elements.