

Supporting
European
Aviation



EASA/EUROCONTROL Network Manager/Latin America Webinar On ANSP/Airport Capacity Management

Airport - Collaborative Decision Making and other types
of Airport connectivity

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APT Unit

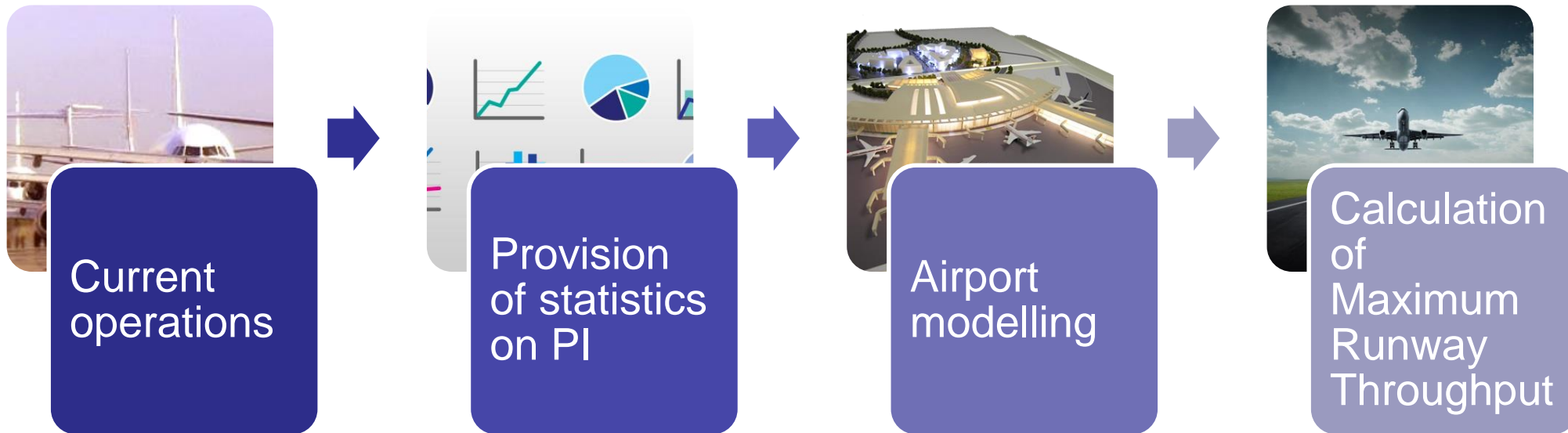
EUROCONTROL Network Manager



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Introduction

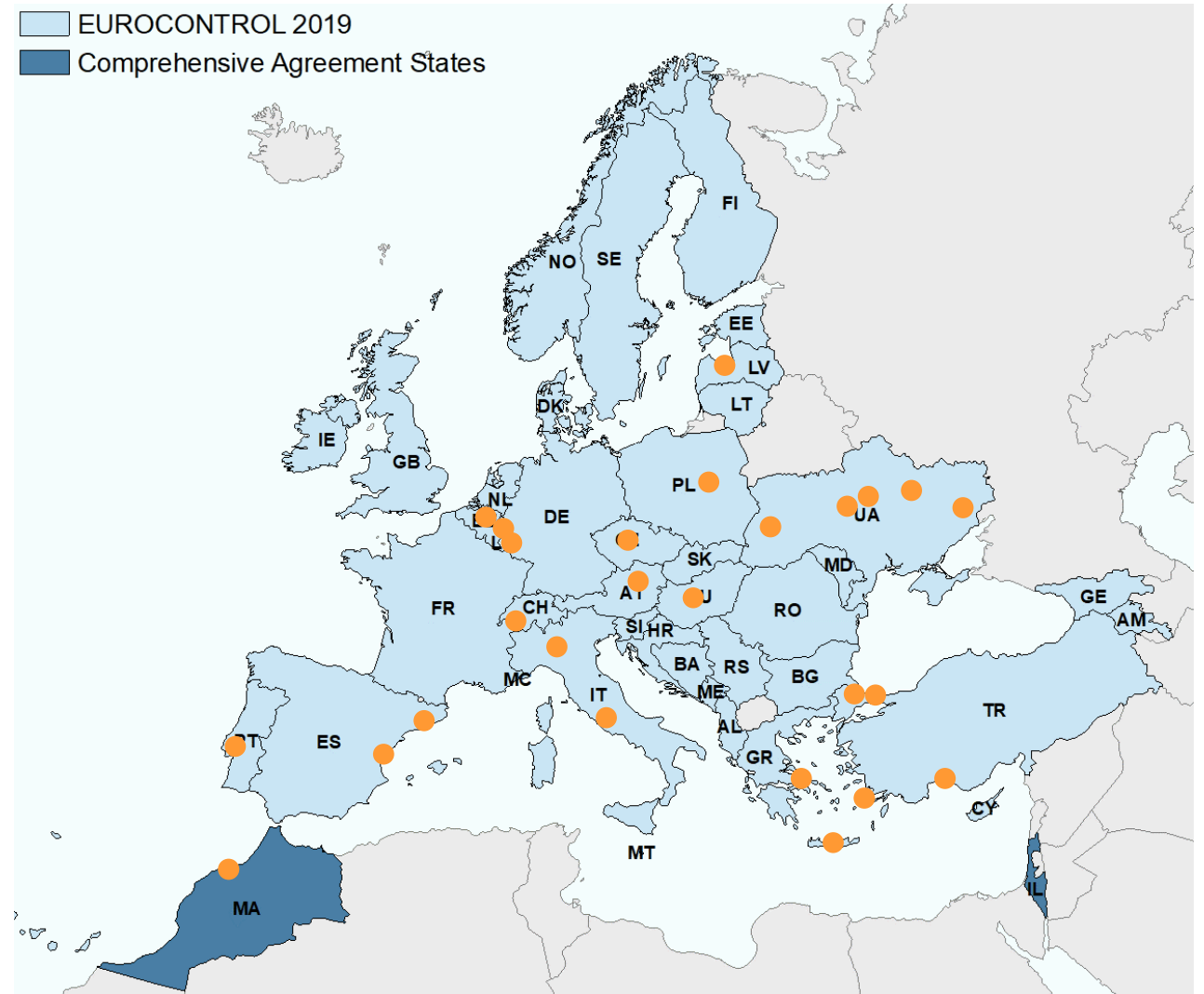


Experience



- | | |
|---------------------|---------------------|
| <i>LOWW</i> | <i>LEBL*</i> |
| <i>EBBR*</i> | <i>LEVCL</i> |
| <i>EBLG</i> | <i>LSGG*</i> |
| <i>LKPR*</i> | <i>LTAI</i> |
| <i>LGIR</i> | <i>LTBA</i> |
| <i>LGKO</i> | <i>LTFJ</i> |
| <i>LHBP</i> | <i>UKBB</i> |
| <i>LIMC</i> | <i>UKKK</i> |
| <i>LIRF</i> | <i>UKCC</i> |
| <i>EPWA*</i> | <i>UKHH</i> |
| <i>LPPT*</i> | <i>UKLL</i> |
| <i>EVRA</i> | <i>LGAV</i> |
| <i>ELLX</i> | <i>GMMN</i> |

(*) more than one study conducted



Examples



Airport 1

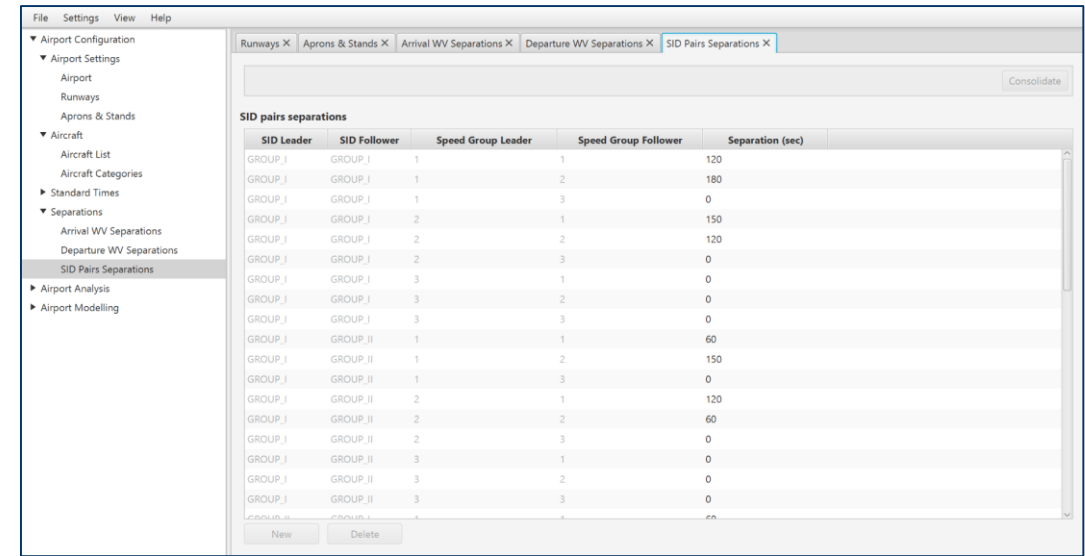
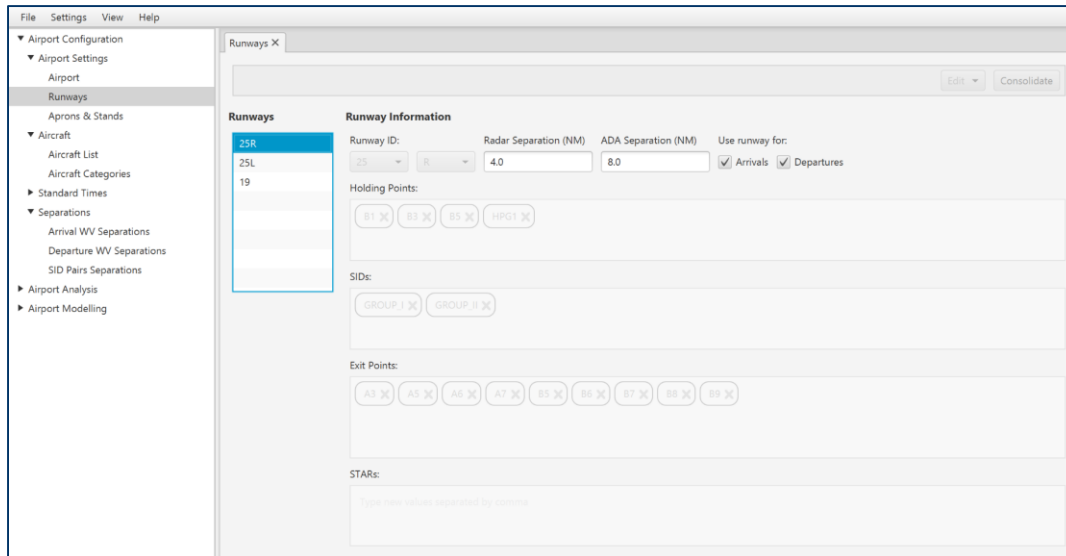


Airport 2



Airport 3

Airport Configuration



The Airport Configuration module allows the User to configure necessary parameters



Analysis Configuration

Configuration of attributes and events for each recorded flight. E.g.:

- Callsign
- Aircraft Registration
- SID
- Take-Off and Line-Up clearances

Configuration of relevant patterns with/without specific attributes. E.g.:

- Arrival-Arrival
- Departure-Departure
- Arrival-Departure-Arrival
- Runway Exit Points
- Runway Holding Points

Configuration of required intervals. E.g.:

- Runway Occupancy Times
- Separation between consecutive arrivals
- ATC / Flight Crew related indicators

Statistical Analysis



Analysis of relevant Performance Indicators

- Busiest 60-minutes period
- Separation lower than a determined value
- Traffic within a precise time interval

Reporting Module

Outcome of the Studies

Optimum Runway Throughput

- For a Runway Configuration
- With specific traffic mix

Set of Recommendations

- On Flight Crew Performance
- On Airport infrastructure
- On ATC procedures

Questions?

Thank you

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