

# klia 2

## MAINTENANCE PROGRESS

In this June report series, we are pleased to share that the special maintenance programme at klia2 is now at 69% completion. Another three locations were completed in June which accumulated to 27 out of 39 locations planned for 2016.

The progressive maintenance has resulted in a significant improvement in incident of soil depressions and significantly reduced the occurrence of ponding at klia2. Grouting injections remains the method of choice as it provide less disruption to the terminal operations.

### GROUTING INJECTION WORKS MASTERPLAN FOR 2015 & 2016

#### What is grouting injection?

Grouting injection is a process of filling the cracks, voids or honeycombs, either in or underneath concrete, with cement grout in order to reduce the severity of depression.

#### GROUTING INJECTION MASTERPLAN

Number of locations: 2015 - 11 Locations  
2016 - 39 Locations

2015 - 0 Locations  
2016 - 4 Locations

2015 - 11 Bays  
2016 - 35 Bays

 Taxiway  
4 Locations

 Parking Apron  
46 Bays

Grouting injection causes less disruption to airport operations as no open excavation work is required during the maintenance period.



### GROUTING INJECTION WORKS PROGRESS AS AT 30 JUNE 2016

In June 2016, Malaysia Airports had completed a total of four locations on the parking apron, out of 39 planned locations for 2016.

Completed Area in 2015  
(Precast Slab & Grouting Injection)

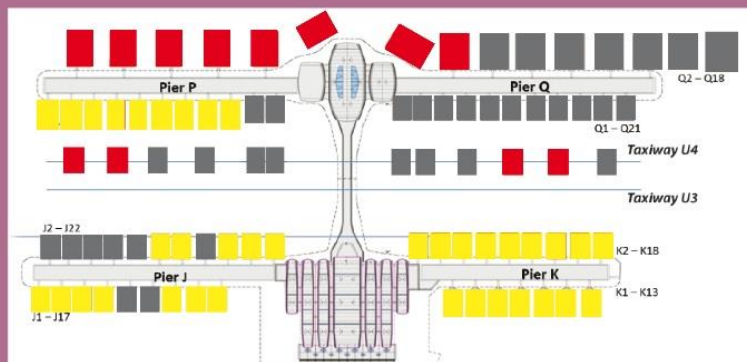
Completed Area in 2016  
(Grouting Injection)

Planned Area  
(Grouting Injection)

**Overall Completion:**  
27/39 locations (69%)

**BAYS**  
27/35 bays (77%)

**TAXIWAYS**  
0/4 taxiways (0%)



### ENHANCING PASSENGERS EXPERIENCE - iWalk

As part of our efforts to enhance total airport experience, Malaysia Airports has installed 28 walkalators in the klia2 terminal since the opening of the terminal in 2014 in order to provide more walking comfort and convenience for arriving and departing passengers. This is expected to shorten the walking time for passengers by up to 30%.

Significantly reduced walking time by up to 30%

BEFORE



10 - 24 Minutes

AFTER



6 - 18 Minutes

28 new walkalators installed over a 2-year period bringing total to 42 units for passenger convenience



2014 2015 2016

14 units 17 units 42 units

~2km of passenger journey is now facilitated by walkalators



Total length when all 42 units are installed is 1,937 meters

Malaysia Airports takes our responsibility towards public safety very seriously. Thank you for your patience and understanding.