

*ENAC - ADR Economic Regulation Agreement*

# Consultations with the Users

## Update on Progress of Investment Plan



**August 2015**

## 1 ENAC - ADR Economic Regulation Agreement

## 2 The investment programme

- Works completed \*
- Works in progress

\* in 2015 according to the assumption of completion, explained in the chapters that follow

**1 ENAC - ADR Economic Regulation Agreement**

**2 The investment programme**

- Works completed
- Works in progress

## The investment plan (update approved in January 2014)

The plan approved in January 2014 is strongly oriented at improving the quality and level of service and confirms significant investments in development during the entire regulatory sub-period.

| € M                      | Description              | Work class | 2014         | 2015         | 2016         |
|--------------------------|--------------------------|------------|--------------|--------------|--------------|
| <b>FIUMICINO</b>         | City planning activities | 1          | 1            | 0.5          | 0.5          |
|                          | Flight infrastructures   | 2          | 27.5         | 51.4         | 10.7         |
|                          | Terminal works           | 3          | 55.7         | 132.0        | 97.0         |
|                          | Landside works           | 4          | 0.6          | -            | 0.1          |
|                          | Car park works           | 5          | 0.1          | -            | -            |
|                          | Other works              | 6          | 98.6         | 119.4        | 121.4        |
|                          | <b>TOTAL FCO WORKS</b>   |            |              | <b>183.5</b> | <b>303.3</b> |
| <b>CIAMPINO</b>          | Flight infrastructures   | C.1        | 1.0          | 2.75         | 0.5          |
|                          | Terminal                 | C.5        | -            | 0.19         | 0.5          |
|                          | Other works              | C.6-7-8-9  | 11.4         | 6.4          | 6.7          |
|                          | <b>TOTAL CIA WORKS</b>   |            | <b>12.3</b>  | <b>9.3</b>   | <b>7.7</b>   |
| <b>TOTAL FCO and CIA</b> |                          |            | <b>195.9</b> | <b>312.6</b> | <b>237.4</b> |

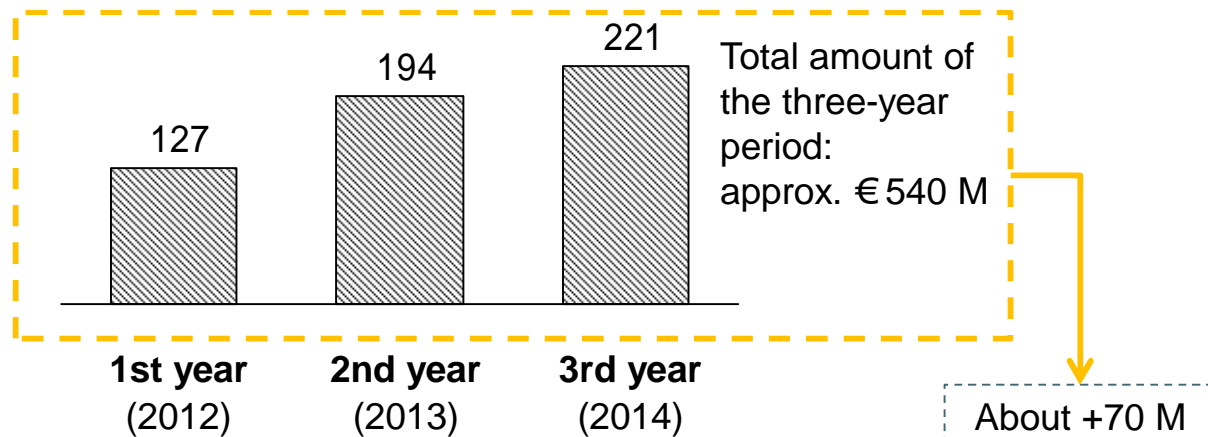
## 2015 Focus

- The **2015 preliminary results** (January-June results and July-December forecast) ADR has prepared contemplates a **total amount for investments** made of **€ 310.8 M** (assumption of completion). The value of the investments is contractual net, meaning considering the tender reductions.
- The summary of the investments, both what has already been completed and what is to be completed by year-end 2015, is explained on the following pages. A description of the main works in progress is also provided along with their 2014 and 2015 expenditure amounts, as well as additional information on the most important initiatives (analysis and illustrations).

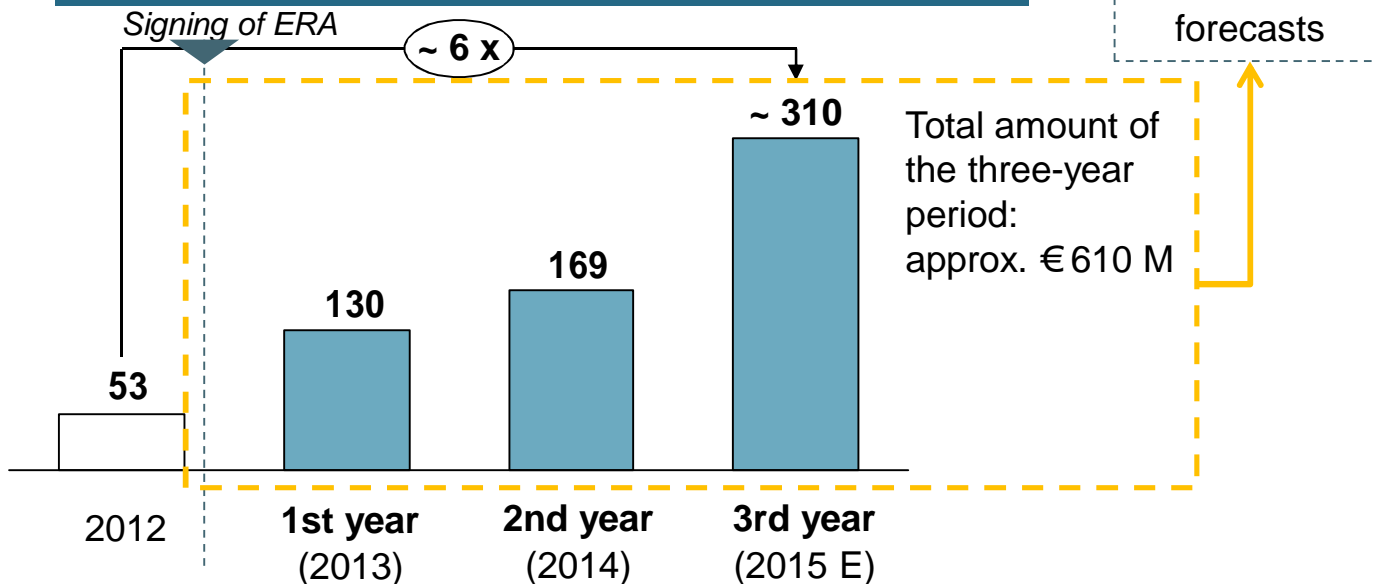
| € M                      | Description              | Work class | 2015 investments      |                | Delta        |
|--------------------------|--------------------------|------------|-----------------------|----------------|--------------|
|                          |                          |            | as per Jan. 2015 Plan | as per IAF 6+6 |              |
| <b>FIUMICINO</b>         | City planning activities | 1          | 0.5                   | 0.25           | - 0.25       |
|                          | Flight infrastructures   | 2          | 51.4                  | 61.7           | + 10.3       |
|                          | Terminal works           | 3          | 132.0                 | 111.9          | - 20.1       |
|                          | Landside works           | 4          | -                     | 2.7            | + 2.7        |
|                          | Car park works           | 5          | -                     | 1.1            | + 1.1        |
|                          | Other works              | 6          | 119.4                 | 124.1          | + 4.7        |
|                          | <b>TOTAL FCO WORKS</b>   |            |                       | <b>303.3</b>   | <b>301.9</b> |
| <b>CIAMPINO</b>          | Flight infrastructures   | C.1        | 2.75                  | 0.71           | - 2.04       |
|                          | Terminal                 | C.5        | 0.19                  | 0.19           | 0            |
|                          | Other works              | C.6-7-8-9  | 6.4                   | 7.9            | + 1.5        |
|                          | <b>TOTAL CIA WORKS</b>   |            | <b>9.3</b>            | <b>8.9</b>     | <b>- 0.4</b> |
| <b>TOTAL FCO and CIA</b> |                          |            | <b>312.6</b>          | <b>310.8</b>   | <b>- 1.8</b> |

## Investments during the first three years since the beginning of the ERA

### Original ERA forecast (2012) - first three-year period (€M)



### Investments made - first three-year period (€M)



- First regulatory five-year period started with one year of delay (ERA approved only in December 2012)
- ADR's immediate undertaking to recover the gap (2013 investments 2.5 times those of 2012)
- In the first three years (2013-2015) over € 600 million were invested, despite several delays in the approval process (e.g. VIA Decree)
- The reduction in traffic in 2013 (about -7% of ERA volumes at Fiumicino) did not stop the Development Plan: ADR continued to invest in line with the needs expressed by the users

# The Project to Complete Fiumicino Sud

ENAC approval: 22.07.2011

V.I.A. Decree MATTM+MiBACT : 236/2013, as amended by Min. Decree 304/2014

DEC-VIA publication in Official Gazette: 9.11.2013 City planning and public utility conformity: MIT May 2014, ENAC Judgement July 2014



**V.I.A. Decree no. 236 of 8 August 2013** concerning environmental compatibility of the **Project to complete Fiumicino Sud (published in the Official Gazette on 9 November 2013)** contains a number of requirements set by the VIA Commission of the Ministry of the Environment (**MATTM**) and the Ministry of Cultural Heritage (**MiBACT**) for which ADR is going forth with the compliance audits at the bodies of reference on behalf of ENAC in the capacity as applicant in order to proceed with execution of the works.

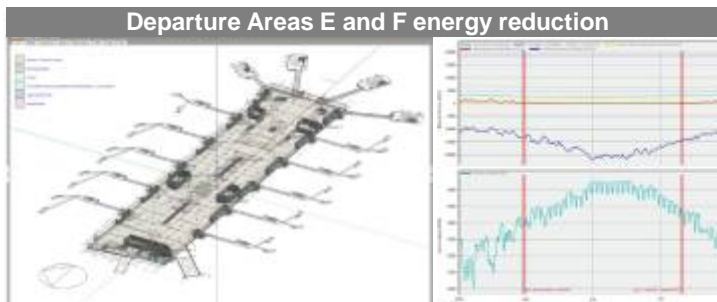
# Compliance with MATTM requirements audits

In **May**, the Ministry of the Environment requested some clarifications and supplements regarding the compliance documentation ENAC/ADR sent in 2014 and more specifically concerning the following requirements:

- zero section projects - **A.3, A.4, A.5, A.6, A.8, A.9 and A.20**
- first section projects - **A.3, A.4, A.5, A.6, A.8 and A.20**
- Environmental Monitoring Plan - **A.6, A.14 and A.15**
- Departure Areas E and F energy consumption reduction – **A.19**

The requested documentation was sent to MATTM and the VIA Commission in **July**

| FUNCTIONAL SECTIONS | TITLE  |
|---------------------|--|
| ZERO SECTION        | Oil extraction systems runways 1 and 2           |
|                     | Electric switch boxes and runway lighting system |
|                     | New HV/MV system (Port Sub-station)              |
| FIRST SECTION       | Upgrade "Delta" RWY Strip 16C/34C                |
|                     | Upgrade runway 3 and 16C/34C                     |
|                     | East hub - 200 aprons                            |
|                     | Seram island and new customs entry point         |
|                     | West Area aprons - Demolitions and 1st phase     |



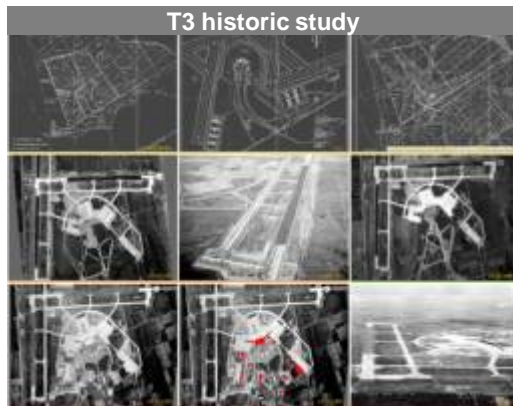


# Compliance with MiBACT requirements audits

Last **June** the Ministry of Cultural Heritage sent a note of reply to the compliance procedures in progress regarding the following requirements:

- historic study on the construction stages of the airport and Terminal 3 upgrading project - **B.2, B.18**
- skyline and landscape additions - **B.6**
- optimisation of complementary infrastructures connected to the front of the airport terminals - **B.7, B.12**
- plan to rearrange the advertising on the outside landside installations – **B.13**
- preliminary archaeological surveys – **B.14, B.17**

The Ministry of Cultural Heritage announced **successful compliance** in general terms and requested that **other in-depth analyses be carried out during the executive design stages** of the individual works included in the completion project.



**1** ENAC - ADR Economic Regulation Agreement

**2** The investment programme

- **Works completed**
- Works in progress

## Main works completed at FCO

ADR has already executed a number of **actions aimed at increasing the level of service of the Rome airports and at improving the quality of the services.**

The main works completed or that are scheduled to be completed by the end of 2015 at the **Leonardo da Vinci** Airport are:

- Upgrading of runway 3 (16L-34R)
- Extension of 200 quadrant aprons
- Set-up of de-icing apron
- Oil extraction systems
- T3 – New high capacity security checks
- T1 – Intensification of security checks on west side
- T1 – Upgrade of the underpass leading to the railway station and panoramic lifts
- T3 – Upgrade of the underpass leading to the railway station
- T3 – Terminal refurbishment: landside arrivals
- Smoking cabins
- New flight info LEDwalls
- New free Internet tablet stations
- New Tour Operator desks
- Replacement of Loading Bridge
- Pedestrianisation of landside connecting routes
- Smart grid

# Upgrading of runway 3

Ref. Sheet A: 2.10 Flight infrastructures

## DESCRIPTION OF WORK:

- Reinstatement of the functional characteristics and the carrying capacity of the pavements of runway 16L/34R, the Delta taxi way and relevant connections in compliance with the requirements set out in the ENAC Regulation
- Implementation of the rainwater disposal system



## EXPECTED BENEFITS

- Adequate functional values of the flight infrastructures ensured
- Safer conditions for using the infrastructures

## STATUS and AMOUNTS

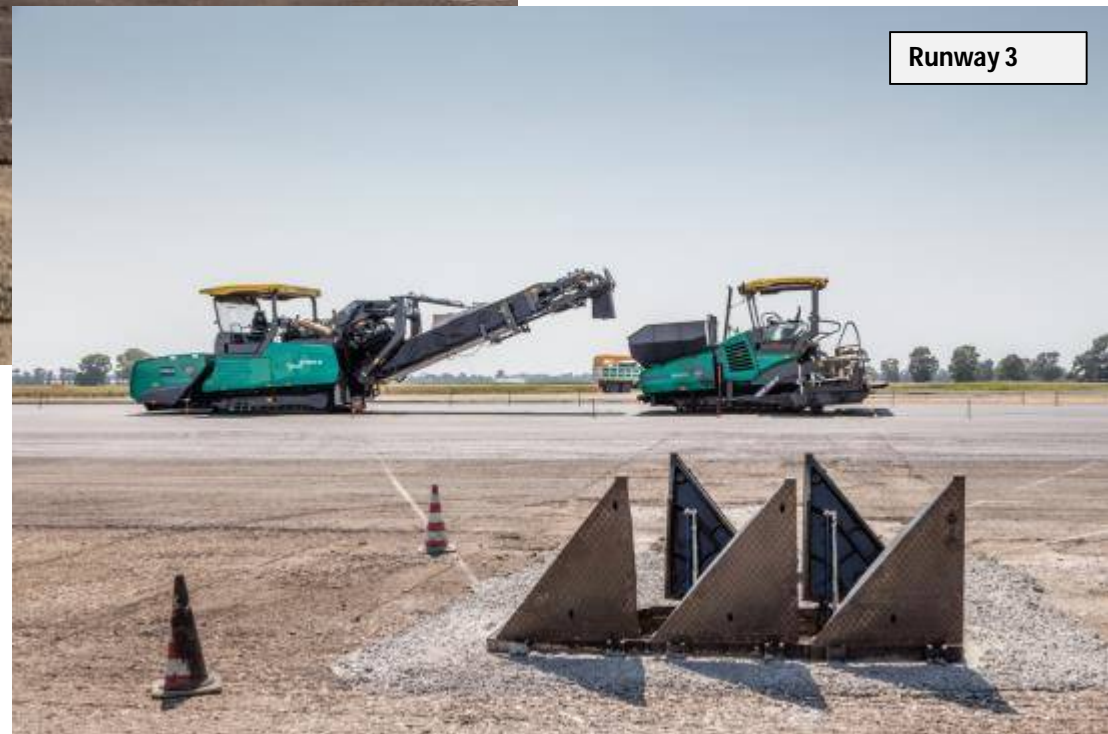
Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 13.4 million    | € 54.6 million      |

\* Assumption of completion

# Upgrading of runway 3

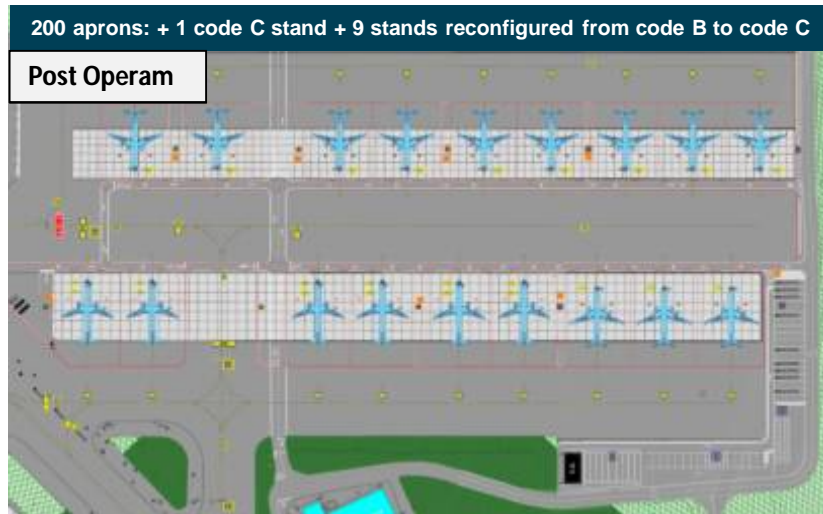


# Extension of 200 quadrant aprons

Ref. Sheet A: 3.4 Terminal

## DESCRIPTION OF WORK:

- Enlargement of the 200 quadrant aprons to prepare for the works to build the new departure area A in the east area
- Reconfiguration of the stands from code B to code C and adaptation of the taxi ways and apron systems



## EXPECTED BENEFITS

- Re-protection of the 300 quadrant stands during works in departure area A
- Increased number of stands when work is completed

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 17.6 million      |

\* Assumption of completion



# Extension of 200 quadrant aprons

200 quadrant aprons



200 quadrant aprons



200 quadrant aprons



# Set-up of de-icing apron

## DESCRIPTION OF WORK:

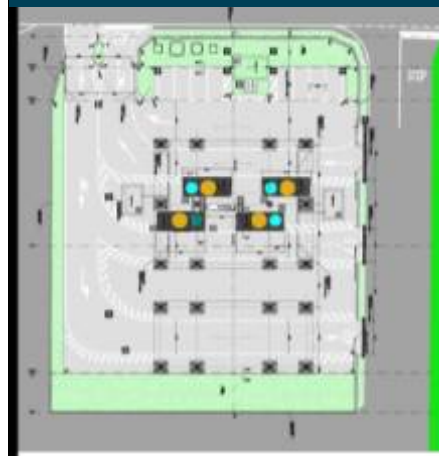
- Following international benchmark analyses and some weather events of recent years, the work comprises the de-icing area at the head of runway 34L and adapting taxi ways AH1 and AH2 to size
- New rainwater collection and separation and de-icing fluid collection system and vehicle shelter and re-fuelling area

Ref. Sheet A: 6.1 Restoration

**WIDENING OF CONNECTIONS AH1 AND AH2**



**VEHICLE SHELTER AND RE-FUELLING AREA**



WIDENING OF CONNECTIONS AH1 AND AH2

VEHICLE SHELTER AND RE-FUELLING AREA

## EXPECTED BENEFITS

- Safer conditioning for de-icing activities
- Considerable improvement in infrastructural capacity in severe weather conditions
- Fewer de-icer vehicle movements on the apron

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.2 million     | € 4.5 million       |

\* Assumption of completion





# Oil extraction systems

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Execution of 13 oil extraction plants located near the canals coming from runway 1 and whose drainage will flow to the Coccia di Morto canal connecting to the Focene draining pump
- Execution of 1 oil extraction plant located where the current runway 2 sewers meet with the consortium canal called Canale delle Vergini connecting to the Focene draining pump



## EXPECTED BENEFITS

- Treatment of the rainwater of runways 1 and 2
- Completion of the airport drainage system, including water works

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 1.6 million     | € 2.0 million       |

\* Assumption of completion

# T3 – New high capacity security checks

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Introduction of modules for high capacity security checks at Terminal 3



## EXPECTED BENEFITS

- Raised capacity threshold of Terminal 3 outbound passenger security system

## STATUS and AMOUNTS

Completed

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.35 million    | € 1.14 million      |

\* Assumption of completion

# T1 – Intensification of security checks on west side

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Introduction of two new modules for high capacity security checks at Terminal 1, west side, with following redefinition of the accumulation queue area and redrawing of the food & beverage seating area



## EXPECTED BENEFITS

- Raised capacity threshold of Terminal 1 outbound passenger security system

## STATUS and AMOUNTS

Commencement of activity

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.39 million    | € 0.12 million      |

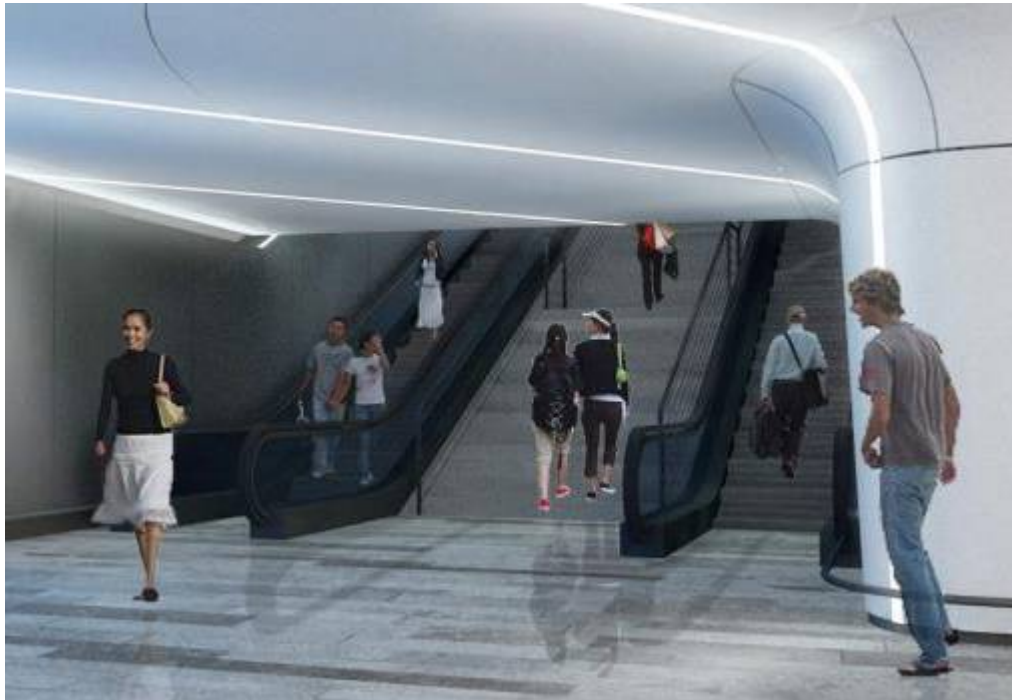
\* Assumption of completion  
| 19

# T1 – Upgrade of the underpass leading to the railway station and new lifts

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Activation of the underpass going from Terminal 1 arrivals to the Railway Station / Multi-level Car Parks / Rent a Car
- New lifts with advanced lifting system



## EXPECTED BENEFITS

- Improved connection between Terminal / Railway Station / Multi-level Car Parks / Rent a Car
- Improved quality and safety with rationalisation of pedestrian crossings on arrivals access level

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.1 million     | € 1.5 million       |

\* Assumption of completion

# T3 – Upgrade of the underpass leading to the railway station

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Restyling of underpass finishes
- Extraordinary maintenance of escalator and moving floor systems
- Upgrading of electromechanical, smoke extraction, lighting and fire detection systems
- Work to improve the direction signage system



## EXPECTED BENEFITS

- Improved connection between Terminal / Railway Station / Multi-level Car Parks / Rent a Car
- Elimination of passageways on arrivals access level
- Improved quality of Terminal architecture

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 1.0 million       |

\* Assumption of completion

# T3 – Terminal refurbishment: landside arrivals

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Reorganisation of the landside arrivals hall with introduction of a guided path following the customs exits that leads passengers to the points of interest (departures, railway station, bus hub, multi-level car parks, etc.)
- Aesthetic and functional upgrading of the area by replacing wall coverings, floors, false ceilings and lighting systems
- Renovation of signs directing passengers



## EXPECTED BENEFITS

- Improved quality of Terminal architecture
- Optimised passenger orientation

## STATUS and AMOUNTS

Completed

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.6 million     | € 0.3 million       |

\* Assumption of completion

# Smoking cabins

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Installation of new smoking cabins in place of the current smoking rooms according to the same specifications as those installed at departure areas G and H



## EXPECTED BENEFITS

- Extended availability of services

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.2 million     | € 0.3 million       |

\* Assumption of completion

# New flight info LEDwalls

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Installation of two new flight info boards of about 40 m2 each inside the Terminal 3 check-in hall, similar to what was done last year inside T1

T3 LEDwall rendering



T1 LEDwall



## EXPECTED BENEFITS

- Improved information for passengers
- Technological upgrade

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| -                 | €0.3 million        |

\* Assumption of completion



# New free Internet tablet stations

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Installation of free Internet access stations at all baggage reclaim areas and all departure areas of the Terminal.
- Every installation contains 8 stations, 2 of which are dedicated to children



## EXPECTED BENEFITS

- Extended availability of services
- Technological improvement

## STATUS and AMOUNTS

Completed

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| -                 | € 0.13 million      |

\* Assumption of completion

# New Tour Operator desks

## DESCRIPTION OF WORK:

- Relocation of the Tour Operator desks from the previous positions inside the departure hall of Terminal 3 to the area previously dedicated to the ADR Sala Blu adjoining Terminal 2



## EXPECTED BENEFITS

- Extended availability of services
- Improved quality and finishes of the area

## STATUS and AMOUNTS

Completed

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | €0.3 million        |

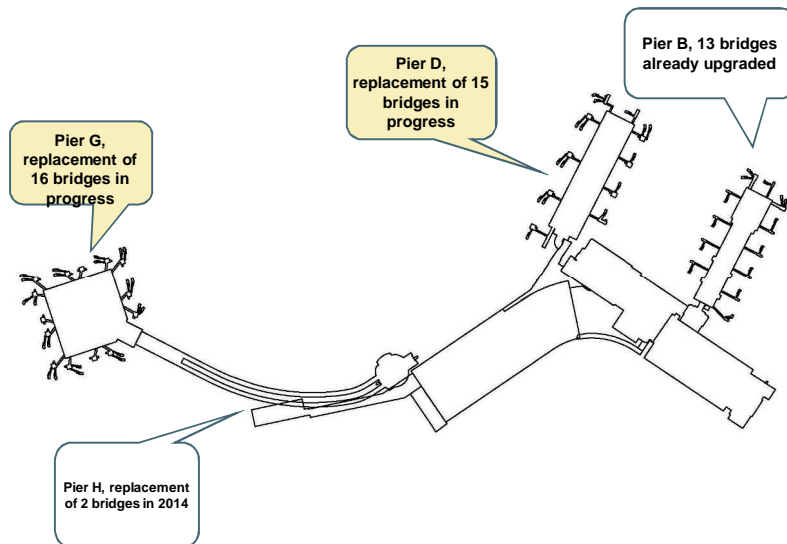
\* Assumption of completion

# Replacement of Loading Bridge

Ref. Sheet A: 6.2 Maintenance

## DESCRIPTION OF WORK:

- Use of materials subject to less wear and deterioration
- Uniform flooring from the loading bridge to the terminal
- Use of glass loading bridges to enhance the feeling of comfort and localisation of passengers
- Use of panels diagonal to the bridge in a light/aluminium shade to make the surroundings brighter
- LED lighting



Activities carried out in stages to not damage infrastructure operations

- Replacement of 2 LBs in departure area H - 2014
- Replacement of 15 LBs in departure area D - in progress
- Replacement of 16 LBs in departure area G - in progress



## EXPECTED BENEFITS

- Improved comfort and quality

## STATUS and AMOUNTS

Under construction

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 1.3 million     | € 8.34 million      |

\* Assumption of completion

# Pedestrianisation of landside connecting routes phase 1

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- In line with what is established in requirement A.13 of the V.I.A. Decree of the Project to complete Fiumicino Sud, its aim is the functional and perceptive reorganisation of open space, with special attention paid to the area connecting the terminal to the support functions, the creation of green connecting routes and textures, improvement of the environmental and figurative quality on the system level and that of the individual places.



## EXPECTED BENEFITS

- Definition of a new landscape structure and a new landscape image of the airport hub.

## STATUS and AMOUNTS

Once the project is completed, plants will be placed in the curbside reorganisation in front of the Terminal

Tender start-up for the supply and installation of boxes for trees and shrubs

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.1 million     | € 0.1 million       |

\* Assumption of completion

# Smart grid

Ref. Sheet A: 6.2 Maintenance

## DESCRIPTION OF WORK:

Installation of renewable energy systems using latest generation technologies.

The work will be carried out in multiple stages:

1. High Concentration Photovoltaic (HCPV) co-generation plant
  - Electric power 15kWp;
  - Thermal power 22kWp
2. Micro wind plant with 3 kW of electric power;
3. Thermal solar system with 7 kW of thermal power;
4. Wind turbine system with 10 kW of electric power

## EXPECTED BENEFITS

- Energy production without emitting pollutants;
- Saving of fossil fuel



## STATUS and AMOUNTS

Stage 1 completed

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.34 million    | € 0.38 million      |

\* Assumption of completion

**1** ENAC - ADR Economic Regulation Agreement

**2** **The investment programme**

- Works completed
- **Works in progress**

## Works in progress

In meeting the schedule set out in the ERA, initiatives aimed at attaining the short, medium and long-term goals such as the following have been set in motion and are in the construction or design stages:

- Departure area F, T3 Front Building (former Pier C) and T3 automatic baggage sorting system HBS-BHS
- Upgrading of the T3 façade
- Departure area A, Enlargement of T1 West and T1 Front Building
- New signs directing passengers
- T3 - Re-protection, expansion and demolition of lost & found areas
- T3 - New immigration layout
- Curbside Refurbishment
- T1 automatic baggage sorting system HBS-BHS
- West area - Seram island, new customs entry point
- West area - Expansion of aircraft parking aprons (stages 1-2)
- Completion of doubling the Bravo taxi way
- Roads - Cargo City area exit
- Car park revitalization
- New electric network for runways
- New HV/MV switch box
- Environmental park

# Departure area F and T3 Front Building (former Pier C) -

1/5

Ref. Sheet A: 3.7+3.8 Terminal

## DESCRIPTION OF WORK:

- Construction of the T3 Front Building and the new departure pier for an additional capacity of 5-6 M passengers/year
- New 90,000 m2 of terminal operations floor space and new HBS/BHS baggage sorting system
- New 14 loading bridges, 2 of which for the A380. 8 remote gates
- Possibility to directly embark the upper deck of the A380 (two-level finger)



### EXPECTED BENEFITS

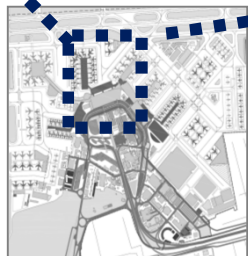
- Increased capacity
- Maximisation of operational flexibility
- Increased Service Level (SL)
- Improved quality of the indoor areas

### STATUS and AMOUNTS

Under construction

Completion date 2016

|     | Final amount 2014 | Amount on completion 2015 * |
|-----|-------------------|-----------------------------|
| ADR | € 49.6 million    | € 67.8 million              |



\* Assumption of completion including funded portion



# Departure area F and T3 Front Building (former Pier C) -

2/5

Ref. Sheet A: 3.7+3.8 Terminal

## THE FIRST INFRASTRUCTURES AFTER SIGNING THE ERA

Departure area F and the Front Building convey a message of discontinuity in terms of quality and modernity that ADR has undertaken to interpret



Primary objective: offer the user an infrastructure able to rank as one of the top of its sector in Europe



# Departure area F and T3 Front Building (former Pier C) - 3/5

RENDERING OF DEPARTURE AREA F



# Departure area F and T3 Front Building (former Pier C) - 4/5

T3 Front Building



T3 Front Building

# Departure area F and T3 Front Building (former Pier C) - 5/5

Departure area F



Departure area F



# T3 - Façade upgrading and preparatory works 1/3

FACADE UPGRADING

Ref. Sheet A: 3.3 Terminal

## DESCRIPTION OF WORK:

- According to the provisions of the VIA Decree concerning environmental compatibility of the project to complete Fiumicino Sud, the façade of Terminal 3 is being upgraded with the aim of restoring the formal image of the original project.
- All activities presently situated along the front of the façade will be repositioned and the door and window frames will be replaced with a new glass "display case" to meet comfort and security requirements.

## EXPECTED BENEFITS

- Improved image of the Terminal
- Compliance with the VIA Decree requirement
- Improved hygrometric well-being and environmental quality

## STATUS and AMOUNTS

Under construction

Completion date 2016

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.5 million     | € 2.2 million       |

\* Assumption of completion

# T3 - Façade upgrading and preparatory works 2/3

TICKET OFFICES

Ref. Sheet A: 3.3 Terminal

## DESCRIPTION OF WORK:

- The first preparatory work is to re-locate some ticket offices currently situated along the façade.
- The new stations will be built at the heads of the check-in islands in keeping with an integrated layout of excellent architectural quality.

## EXPECTED BENEFITS

- Improved quality of Terminal architecture
- Improved ergonomics for the workstations of the operators



# T3 - Façade upgrading and preparatory works 3/3

DEMOLITION OF THE RFI WALKWAY AND NEW ARRIVALS/DEPARTURES STAIRCASE

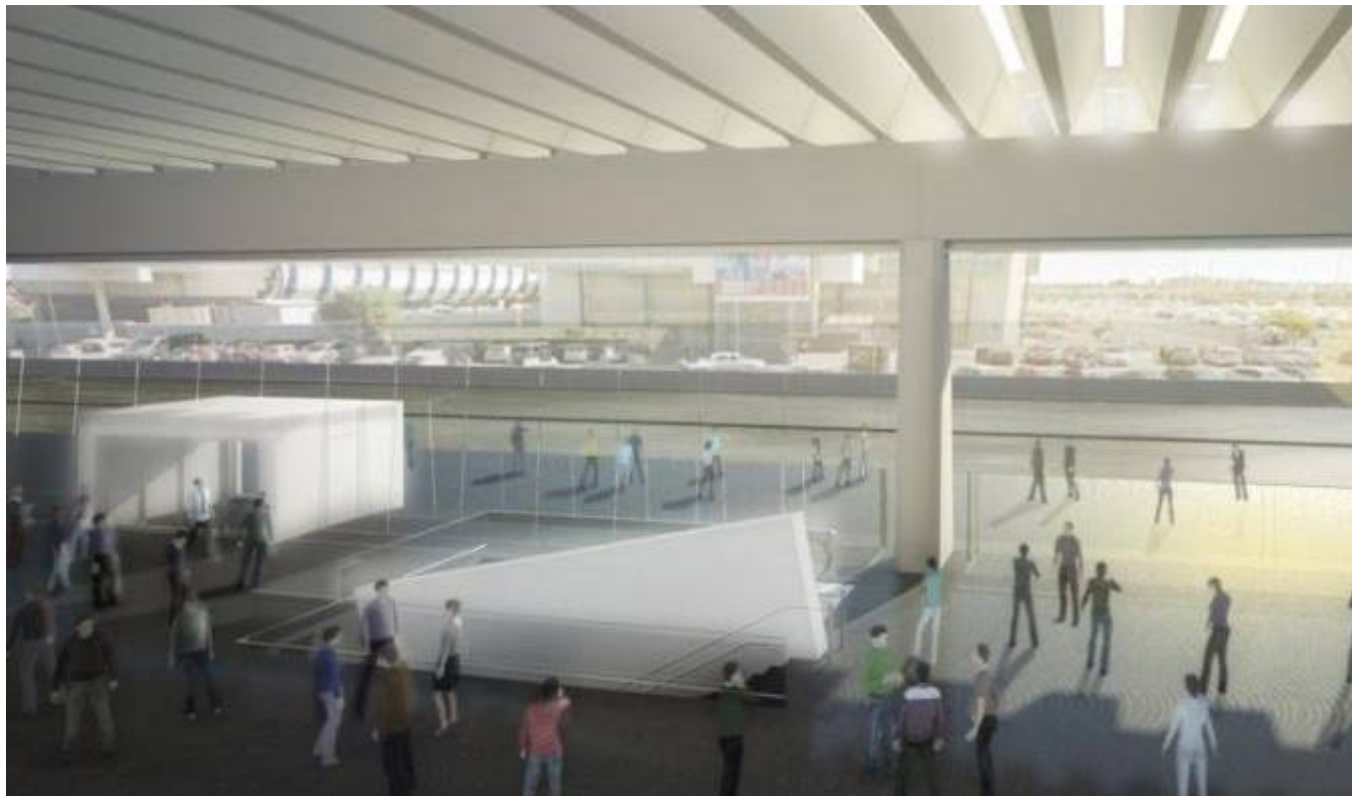
Ref. Sheet A: 3.3 Terminal

## DESCRIPTION OF WORK:

- In agreement with RFI according to the provisions of the environmental compatibility VIA Decree, the pedestrian connection from the railway station to Terminal 3 will be removed.
- A new vertical connection - staircase and escalators - will be installed inside the Terminal in place of the outdoor connection, which will be removed

## EXPECTED BENEFITS

- Improved quality of Terminal architecture
- Improved Terminal - Railway Station connections

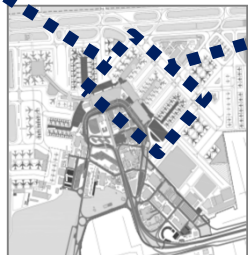
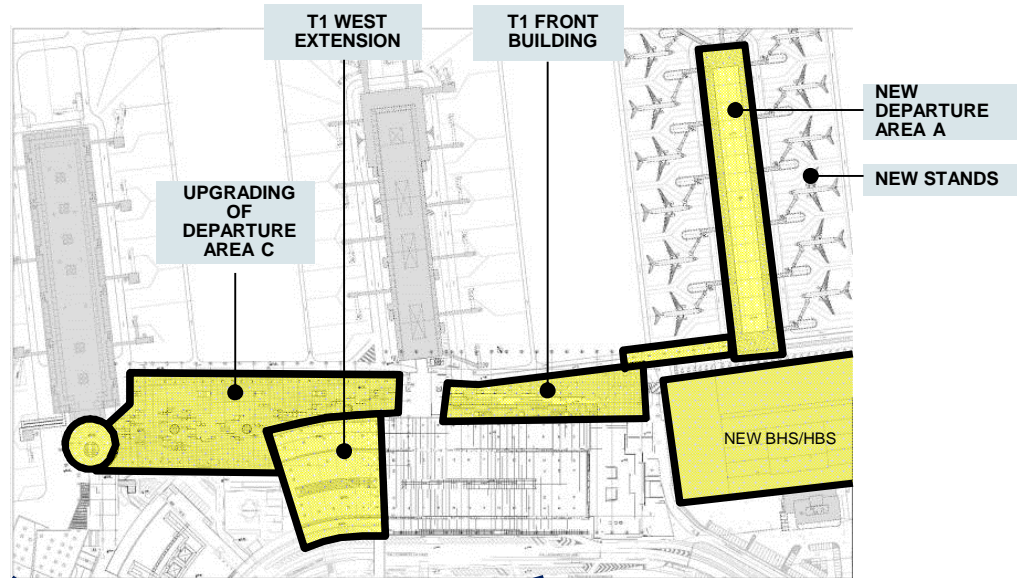


# Departure area A, Expansion of T1 and T1 Front Building - 1/2

Ref. Sheet A: 3.4 Terminal

## DESCRIPTION OF WORK:

- Creation of new terminal areas and new aircraft parking aprons to increase airport capacity
- New pier with 14 loading bridges
- New 10 remote gates
- New service areas
- New check-in desks



## EXPECTED BENEFITS

- Increased infrastructure capacity
- Maximisation of operational flexibility
- Increased Service Level (SL)
- Improved quality of the indoor areas

## STATUS and AMOUNTS

Executive design and archaeological surveys in progress

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 3.3 million     | € 6.7 million       |

\* Assumption of completion



# Departure area A, Expansion of T1 and T1 Front Building - 2/2

Ref. Sheet A: 3.4 Terminal

**PHOTO SIMULATION OF THE NEW INFRASTRUCTURES:**



# New signs directing passengers

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Full revision of the signs directing passengers inside the Terminals, Multi-level Car Parks, curbside, bus hub and railway station connection elements
- New installations marked by elements aimed at maximising flexibility and modularity according to an innovative approach



## EXPECTED BENEFITS

- Improved passenger orientation
- Technological upgrades
- Higher architectural and environmental quality

## STATUS and AMOUNTS

Under construction

Completion date 2017

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 0.6 million       |

\* Assumption of completion

# T3 - Re-protection, expansion and demolition of lost & found areas

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Creation of new space for lost & found desks for the passengers' convenience, including courtesy offices and warehouses
- Removal of the areas today used for lost & found, located in front of baggage conveyors 4-7
- Renovated finishing elements and works to improve lighting



## EXPECTED BENEFITS

- Improved quality of Terminal architecture
- Optimisation of passenger flows and higher level of service with delocalisation of the L&F areas

## STATUS and AMOUNTS

Under construction

Completion date 2016

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 1.9 million       |

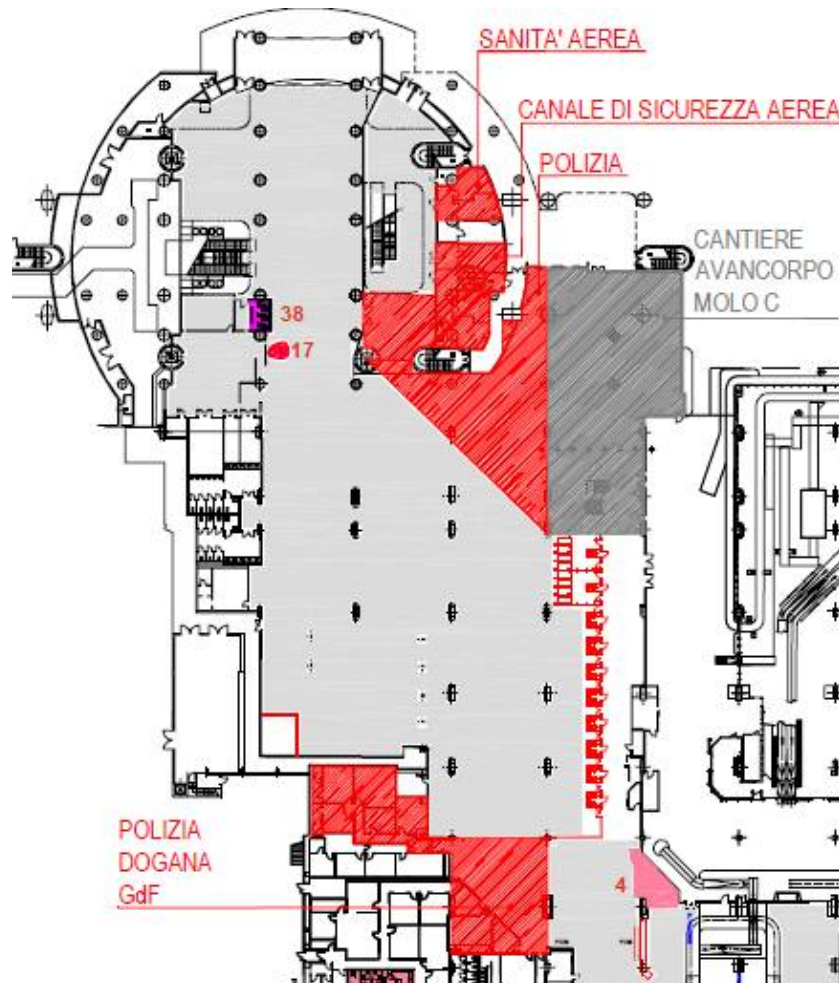
\* Assumption of completion

# T3 - New immigration layout

Ref. Sheet A: 3.3 Terminal

## DESCRIPTION OF WORK:

- Reconfiguration of the Terminal 3 immigration area with check points repositioned in order to maximise equipment, enlarge the accumulation area and relocate the areas set aside for the government bodies



## EXPECTED BENEFITS

- Higher capacity threshold of the passport check sub-system for all arriving passengers
- Improved quality and finishes

## STATUS and AMOUNTS

Under construction

Completion date 2016

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 0.1 million       |

\* Assumption of completion

# Curbside Refurbishment

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Resurfacing of the arrivals and departures floors and footpaths
- New lighting with introduction of LED posts integrated with micro wind plant
- Upgrading of green areas, furnishings and signs
- Functional separation of the vehicle flows (public next to the Terminal, private next to the car parks)
- More parking area capacity for public transport and for short-term parking



## EXPECTED BENEFITS

- Architectural finish, decoration and lighting of the departures and arrivals footpaths and bordering areas



## STATUS and AMOUNTS

Under construction

Completion date 2016

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.5 million     | € 6.9 million       |

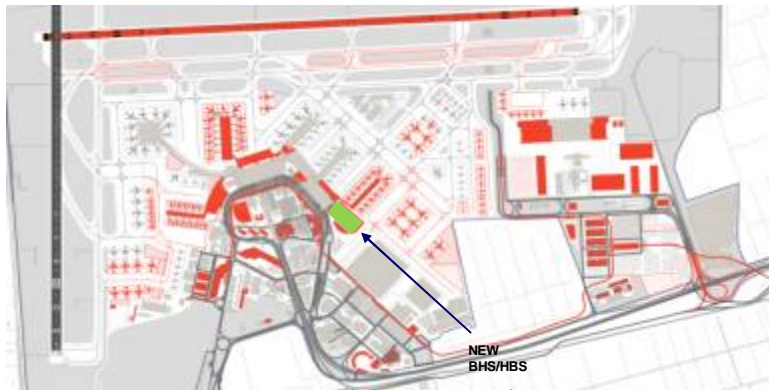
\* Assumption of completion

# T1 automatic baggage sorting system HBS-BHS

Ref. Sheet A: 3.6 Terminal

## DESCRIPTION OF WORK:

- As part of the configuration of the Fiumicino airport that includes a flexible and efficient infrastructural platform, ADR will implement a new automatic BHS/HBS system at T1 to increase the level of outbound and transit baggage sorting capacity and to increase operational usability and efficiency.
- The system will reach the capacity of 10,800 bph and will be connected to the T3 HBS-BHS system by service tunnels



## EXPECTED BENEFITS

- Increased level of service of the outbound and transit baggage handling system at Terminal 1
- Increased total T1 capacity in order to take in flights operated with wide bodies
- Increased level of infrastructural flexibility of the airport to cope with changes in traffic scenarios

## STATUS and AMOUNTS

Under construction

Completion date 2016

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 1.6 million     | € 18.8 million      |

\* Assumption of completion

# T1 automatic baggage sorting system HBS-BHS

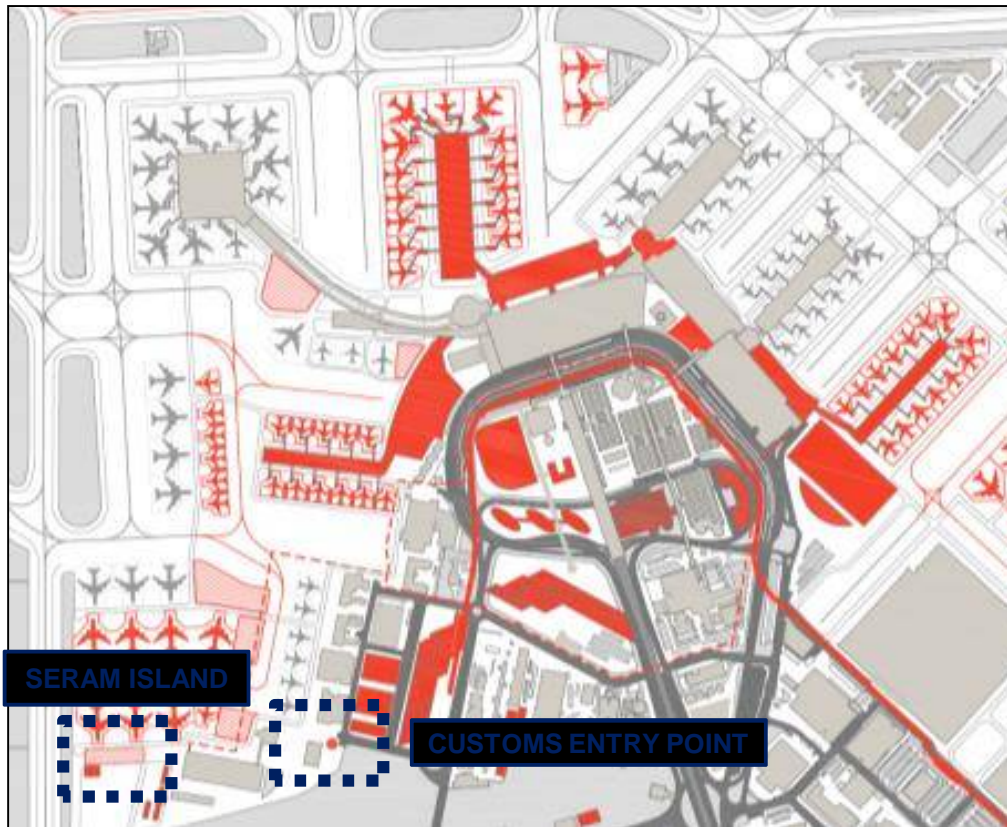


# West area - Seram island, new customs entry point

Ref. Sheet A: 2.1 Flight infrastructures

## DESCRIPTION OF WORK:

- Preparation of the new logistics area serving Seram
- Construction of the new customs entry point for vehicles located south of the PG33 buildings
- Adaptation of landside/airside vehicle access for incoming and outgoing vehicles



## EXPECTED BENEFITS

- Optimisation of the fuel distribution activities
- Improved access for operators inside the airside area

## STATUS and AMOUNTS

In the design stage

Completion date 2018

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| €0.1 million      | €0.1 million        |

\* Assumption of completion

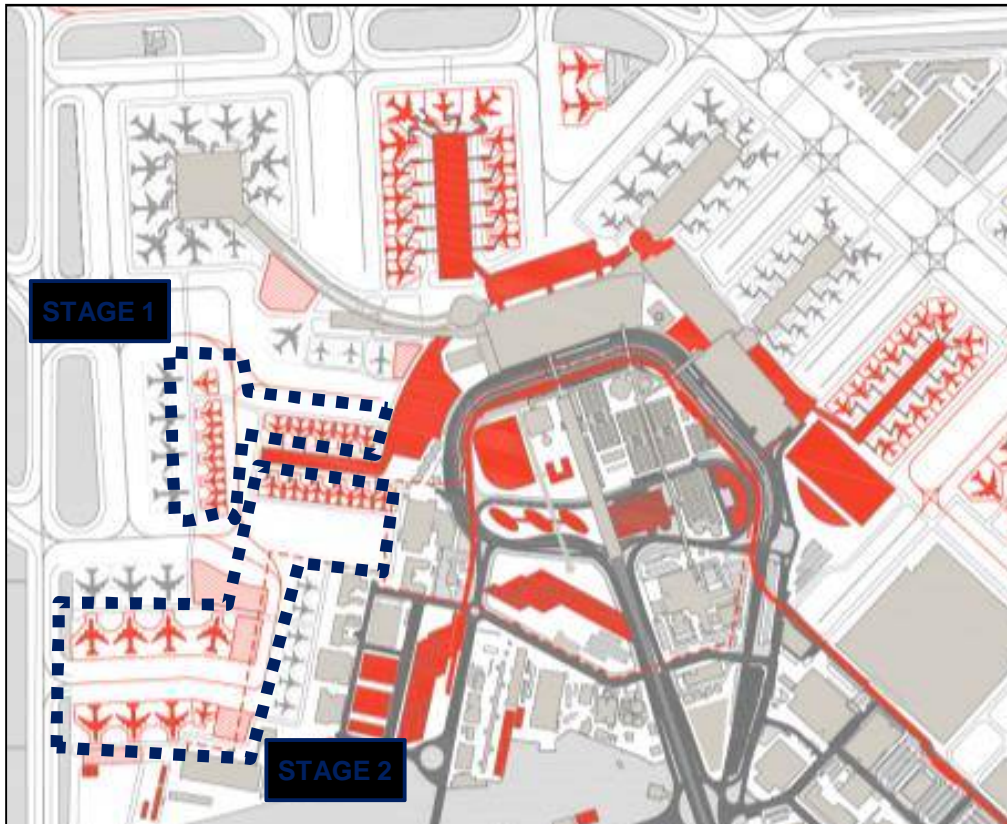


# West area - Expansion of aircraft parking aprons (stages 1-2)

Ref. Sheet A: 2.2 Flight infrastructures

## DESCRIPTION OF WORK:

- Dismantling, demolition and clearing out of existing structures and environmental reclamation
- Re-protection of handler logistics
- Construction of new category C/E aircraft stands
- Rainwater disposal system
- Implementation of the visual aids systems



## EXPECTED BENEFITS

- Increased aircraft parking capacity

## STATUS and AMOUNTS

In the design stage

Completion date Stage 1 - 2017

Stage 2 - 2018

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 1.2 million     | € 0.6 million       |

\* Assumption of completion

# Completion of doubling the Bravo taxi way

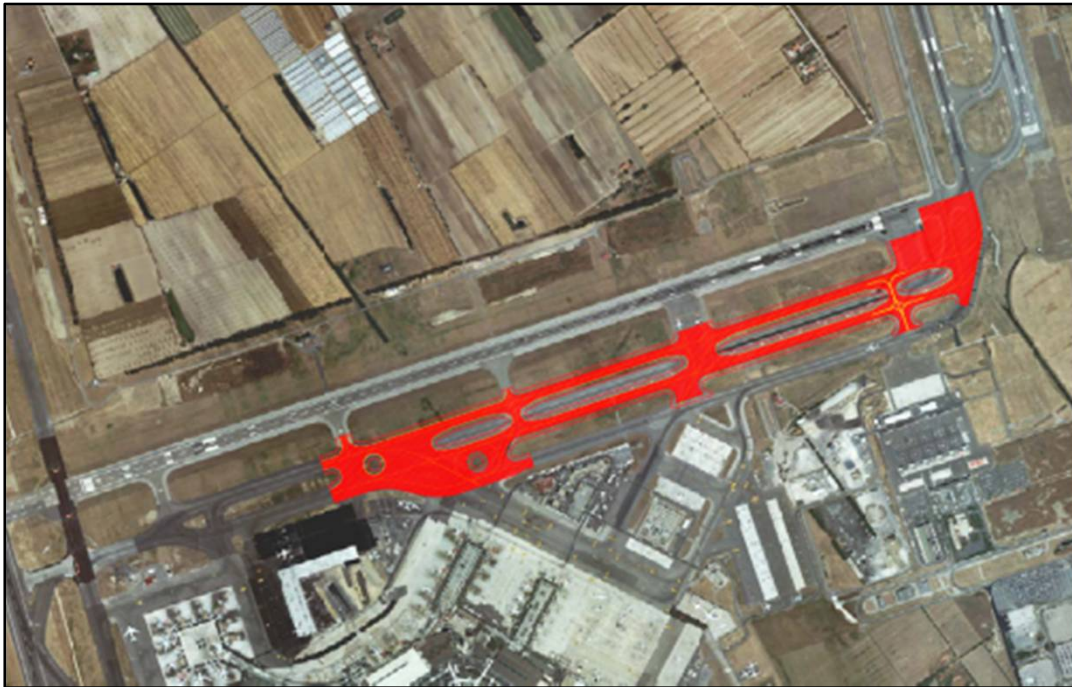
Ref. Sheet A: 2.5 Flight infrastructures

## DESCRIPTION OF WORK:

- Construction of two taxi ways parallel to runway 07/25
- Demolition of the current taxi way in the section between connections BC and BA
- Execution of archaeological surveys
- Adaptation of the rainwater disposal system
- Structural adaptation of the road underpass of runway 07/25 in preparation of long-term development

## EXPECTED BENEFITS

- Improved flexibility and increased capacity of the taxi ways
- Reduced waiting time for departing aircraft



## STATUS and AMOUNTS

In the design stage

Completion date 2018

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| € 0.5 million     | --                  |

\* Assumption of completion

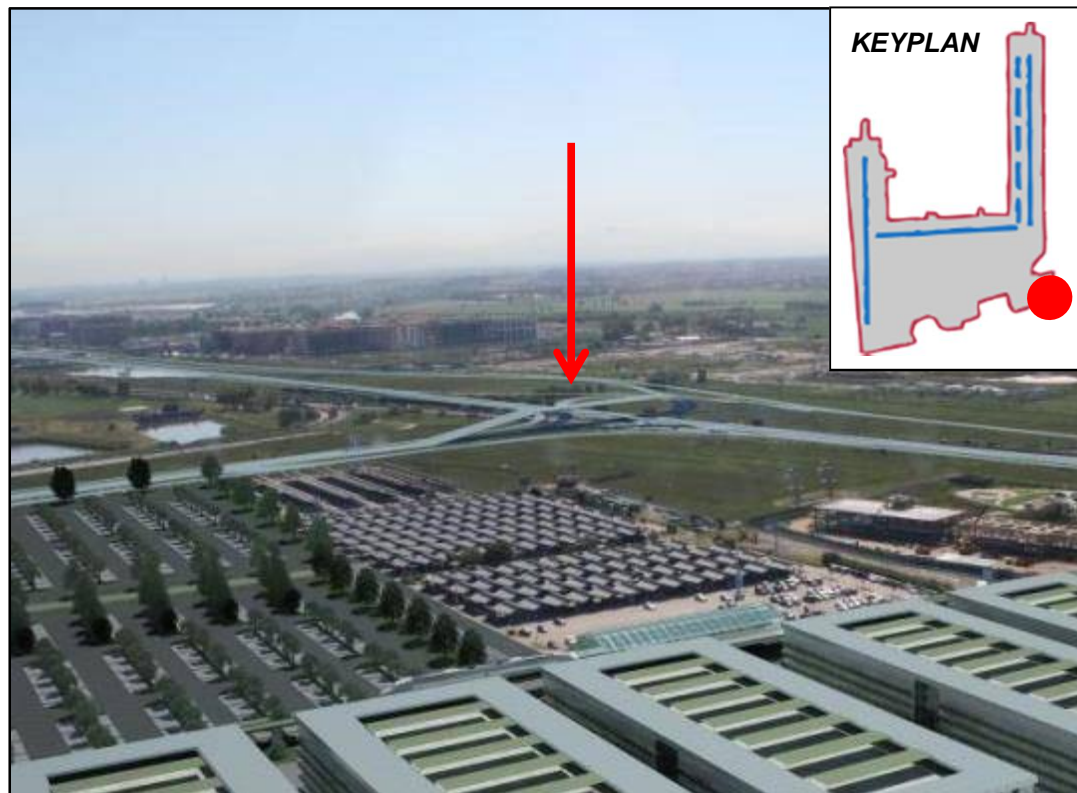
# Roads - Cargo City area exit

Ref. Sheet A: 4.3 Landside

## DESCRIPTION OF WORK:

- Construction of a junction for direct connection to the Rome - Fiumicino motorway from the east area complex

Photo simulation



### EXPECTED BENEFITS

- Improved access and flow of traffic in the east area
- Airport roads in technical area AZ cleared of the Cargo City traffic

### STATUS and AMOUNTS

Design in progress

Completion date 2018

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 1.1 million       |

\* Assumption of completion

# Car park revitalization

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- Works to improve lighting, signs, lifts, colouring, pavement, car driveways, pedestrian walkways, sprinkler system
- Redefinition and restyling of airport operator car park shelters



## EXPECTED BENEFITS

- Renovated areas inside and outside the car parks
- Definition of a new house style

## STATUS and AMOUNTS

Design in progress

Completion date 2015

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | € 4.2 million       |

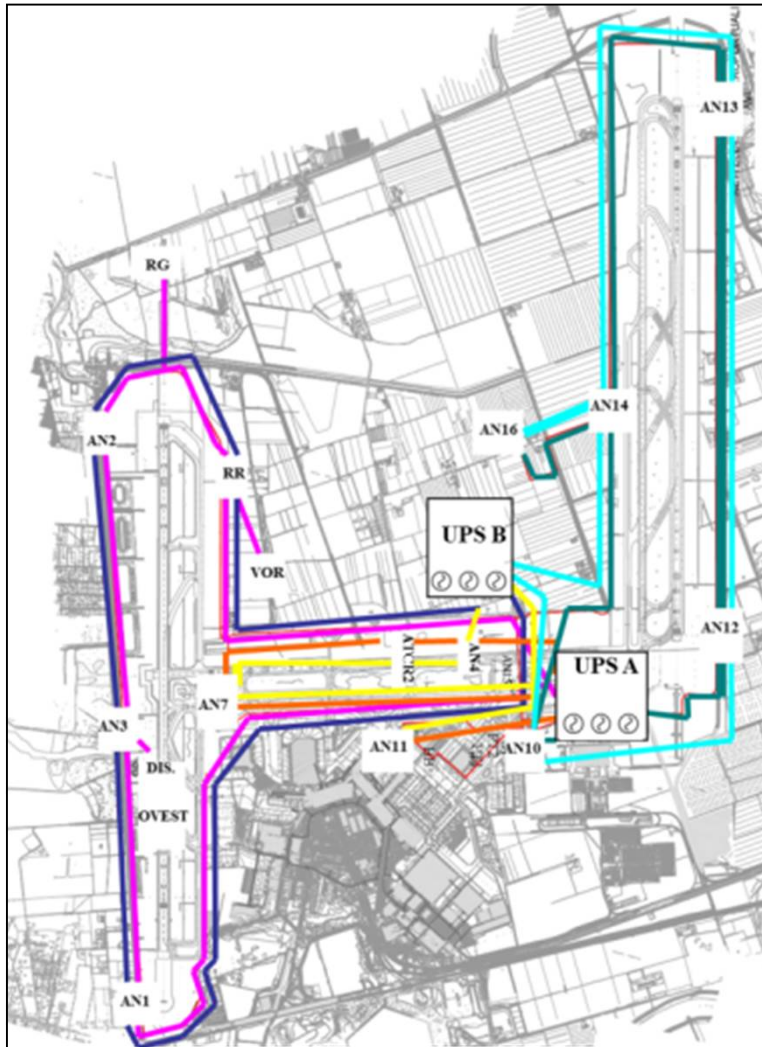
\* Assumption of completion

# Extraordinary maintenance - New electric network for runways

Ref. Sheet A: 6.2 Maintenance

## DESCRIPTION OF WORK:

- Rebuilding of the MV electric distribution network for the visual aids systems



## EXPECTED BENEFITS

- Increased redundancy and reliability of the system that powers the visual aids and ensures flight safety
- Lower energy and maintenance costs

## STATUS

In the award stage  
Completion date 2017

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| €0.2 million      | €0.7 million        |

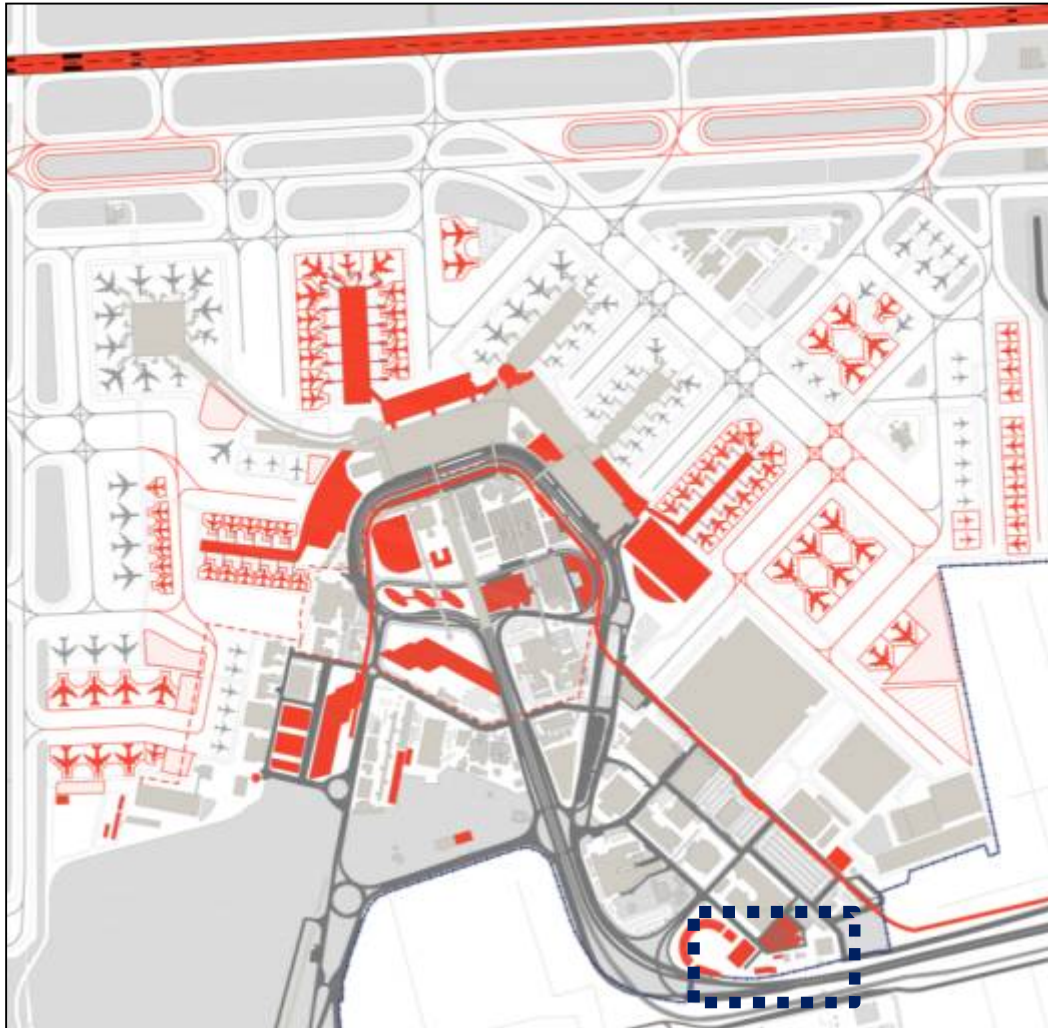
\* Assumption of completion

# Extraordinary maintenance - HV/MV switch box

Ref. Sheet A: 6.2 Maintenance

## DESCRIPTION OF WORK:

- Construction of a new HV/MV electricity transformation substation adjacent to the existing one



## EXPECTED BENEFITS

- New system based on redundancy and flexibility logic to improve electricity supply management
- Overall increase in reliability of the airport electric network

## STATUS

In the award stage  
Completion date 2017

| Final amount 2014 | Final amount 2015 * |
|-------------------|---------------------|
| --                | €0.1 million        |

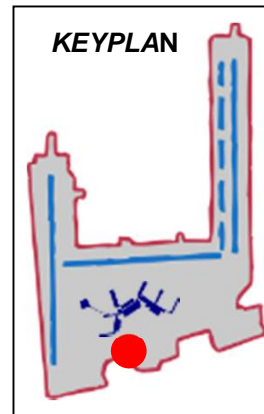
\* Assumption of completion

# Environmental park

Ref. Sheet A: 6.1 Restoration

## DESCRIPTION OF WORK:

- In compliance with the requirements of MIBACT on the VIA Decree, ADR started to upgrade the Porti Imperiali archaeological area by putting the areas in order with the creation of theme areas and interactive routes with the aid of landscape design and architecture experts



## EXPECTED BENEFITS

- Make an area of enormous cultural importance accessible to the public and region
- Have an area that passengers with long transits can use by way of special communication in the Terminals and connection by bus

## STATUS and AMOUNTS

Sharing the design proposal with stakeholders involved

Completion date TBC

| Final amount 2014                         | Final amount 2015 * |
|---|---------------------|
| See slide 27                              |                     |
| Environmental park - Landside green areas |                     |



\* Assumption of completion



**Aeroporti  
di Roma**