

# 3TI EXPERIENCE IN AIRPORTS WITH CARBON NEUTRAL EMISSIONS



## WHO WE ARE

3TI PROGETTI is Italy's largest **independent fully employee-owned** engineering company, offering consulting services for **25 years** in planning, design, project & construction management.

**70%**   
INFRASTRUCTURE

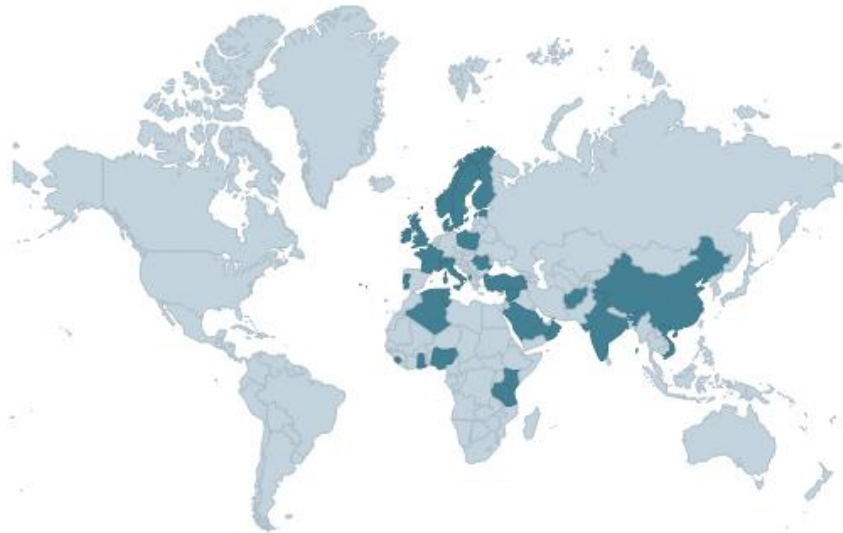
**30%**   
BUILDING



## WHERE WE ARE

With headquarters in **Rome**, we are a global player operating in more than **30 countries**: Europe, Africa, Asia and Middle East.

 Countries where we are present



**181**

Top ENR 225

**+30**

Countries

**+2500**

Project

**+100**

Partnerships

**BIM**

Certified

**+500**

Clients

**ISO**

Certified

**+20 mln€**

turnover

## CASE STUDY

Catania Airport,  
Sicily

– Most important  
Airport of  
Southern Italy



**Client:** S.A.C. Società Aeroporto  
Catania S.p.A

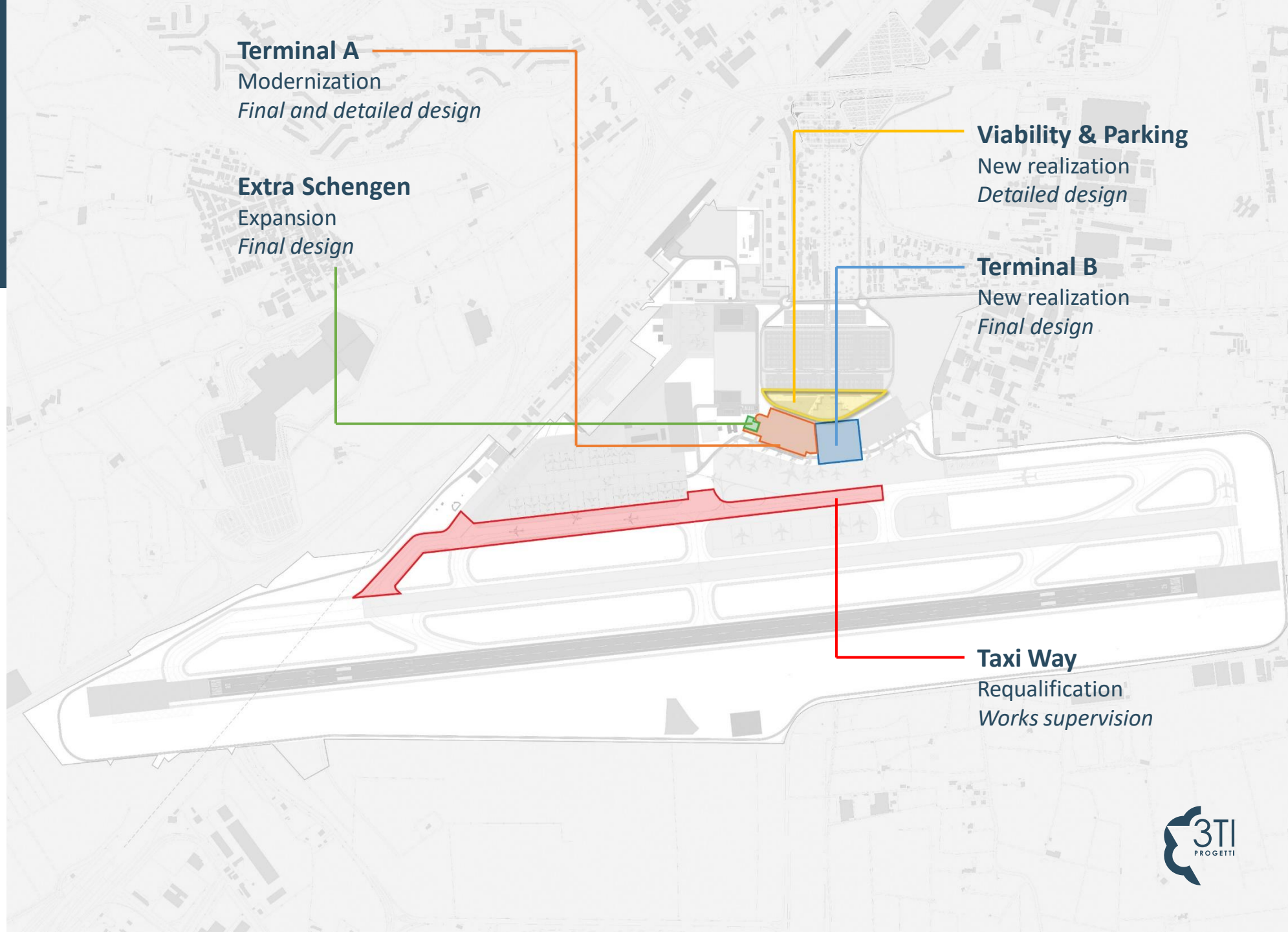
**Completion:** 2021 - ongoing

**Value:** 155.000.000,00 €

### JV structure:

3TI Progetti Italia - Ingegneria  
Integrata S.p.A. - JV Leader  
Pascall+Watson Limited  
Architecna Engineering S.r.l.  
Servizi Integrati S.R.L.  
Cascone Engineering S.r.l.

**Services:** Final and Detailed design,  
Works supervision, Health and  
Safety Management





### 1. CATANIA-FONTANAROSSA

1st Airport of Southern Italy for number of passengers



### 2. TRAFFIC

Since 2007 always growing up till 10.2 MPPA in 2019



### 3. NEXT GOALS

Sustainability under a green perspective



**CARBON ZERO  
TARGET 2030**



### 4. IMPROVEMENTS

Resource optimization, new technologies (BIM design), adoption of minimum environmental standards

**-10 / -20 %**  
**CO2 EMISSION**

PHOTOVOLTAIC PLANTS - TERMINAL A

COMPENSATION OF GREEN AREAS

HEATING SYSTEM – TERMINAL A

REPLACEMENT OF THE INTERIOR LIGHTING  
SYSTEM AND LANDSIDE

**-15 / - 30 %**  
**ENERGY**

BHS MODERINIZATION

MODIFICATION OF UTA INSTALLATION

UPGRADE OF LIGHTING SYSTEM - LIGHT TOWERS

UPGRADE OF LIGHTING SYSTEM - TERMINAL A

CHARGING STATIONS FOR ELECTRIC VEHICLES

**1. MAPPING**



**2. REDUCTION**



**3. OPTIMISATION**



**4. NEUTRALITY**

