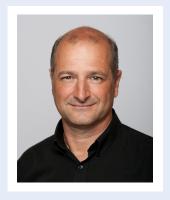


# Jean-Philippe Melano Civil Engineering and Urban Planning Engineer



Education

APSAD certified

Degree in Engineering – I.N.S.A.

FUEDI Loss Adjustor, Member of CEA

Toulouse

**Degree in Economics** 

Toulouse

**Profile** 

66 years old Seniority: 15 years, partner Spanish English

> All building trades and professions

Civil engineering, hydraulics, technical equipment,

**Maritime construction** 

Professional background

**Equad** 

Expert for insurance companies

**Francexpert** 

Expert for insurance companies

Générale des Eaux

Technical and sales manager

Colas

Earthmoving, road works, maritime works

**SGE** 

Head of Construction Sites



## Jean-Philippe Melano

Civil Engineering and Urban Planning Engineer

#### Key areas of expertise

#### Construction

- Comprehensive construction site risk (OrlyVal, Prado-Carénage, etc.)
- Structural cracking following underpinning
- Demolition causing damages on existing structures
- Fires during on-going construction projects
- Major damages on structural frameworks
- Quality flaws on concrete during mixing or pouring
- Construction delays causing claims for consequential losses

#### **Roadways and Other Networks**

- Breakdown of underground grids causing third-party losses
- Mathematical modelling of meshed grids

#### **Petrochemicals**

- Ethylene production reactor breakdowns
- Valve leakage on process systems
- Vibratory phenomena on alternating compressors
- Gas turbine blade breakage
- Pipeline corrosion
- Production loss claims following downtime

### Hydraulic Production or Distribution Systems

- Sizing errors in rock-fill and earth-fill dams
- Pipeline corrosion and scaling
- Accidental leaks causing third-party losses (maritime)

#### **Maritime Loss Adjustment**

- Breakage of struts causing dismasting and bodily harm
- Separation of trimaran deck honeycomb structures
- Delamination of composite material hulls
- Serial damage on defective metal parts
- Flawed repair on bulk carrier hatch cover
- Damage to hydrocarbon unloading platform
- Buckling of an overhead travelling crane used to handle containers
- Deterioration of concrete maritime works structures

#### **Industrial Refrigeration Equipment**

- Disruptions in refrigeration chain causing merchandise losses
- Breakage on machines, compressors or refrigeration equipment
- Errors in equipment design or implementation
- Identification of defects and remedies to unsuited refrigeration

#### **General**

- UN claims adjustor
- Loss adjustment for P&I Clubs at international level (maritime)