

# **Environment**

# Engineering



# Energy

ANDREA RONDINARA - Geologist Geological and environmental consultant

## Andrea Rondinara (Geologist)



After his degree, in 1991, he obtained a partnership with the Geological Department of the University of Rome "La Sapienza" as a natural development of his Bachelor.

From 1992 he worked with RE.G.M.A. s.a.s. of Stefano Martinelli &C, (a company that specialized in boreholes and consolidations) where, as a Technical Manager, he gained a specific experience in the sector of geognostic investigation, deep foundations and consolidations, managing the sector of the acquisition work, planning and management of the mechanical equipment and the labour, operating as an intermediate between Clients, Project Managers, Yard Managers and Suppliers.

In 1994 he began his profession as a self-employed geologist opening his own company and further on he became Partner of GTA Consultant Partners and GTA srl, with whom he collaborated until 2011 specializing in Geology sectors, Environmental and Landscape Design.

From 2011 onwords, he continued with the profession developing his consultancy skills in Geology and Hydrogeology sectors, Environmental Impact Analysis and Landscape and Mitigations Design, coordinating multitasking manpower for various Environmental and Geology Studies.

## Consultant provides:



## Environmental design

- Mitigations and retrain design
- Green and street furniture design
- Naturalistic engineering design
- Retrain of quarry
- Retrain of dump
- Landscape design



## Environmental studies and analysis

- Preliminary Environmental Analysis
- Environmental Impact Analysis
- Environmental Screening
- Construction Site Environmental Impact Analysis and Mitigations Design



## Geological and geotechnical investigations

- Planning of the Geognostic and Geolocical Surveyes and Laboratory Analysis
- Invigilate during the Geognostic and Geological Surveyes
- Geological and Geotechnical Studies for public and private Civil engineering
- Slope Stability Analysis



## **Environmental Monitoring**

- Environmental Monitoring Designs
- Fields Environmental Monitoring



#### **Environmental Management**

- Preliminary Environmental Analysis
- Environmental Management Manual
- Practice and Operative Instructions

## Dott. Andrea Rondinara (Geologist)

## Born in Rome (Italy) on 11.12.1963 Address: Rome - Via Tiburtina, 654 – ZIP Code 00159. TAX Code: RND NDR 63T11 H5010 VAT Number: IT09854680585

## MEMBERSHIPS AND QUALIFICATIONS

Graduated in Geology on 21<sup>th</sup> March 1991 at "La Sapienza" University in Rome.

Enrolled in Geologist Register of Latium from 30<sup>th</sup> May 1994 with refer number 921

**Enrolled in the Register of Tecnichal Consultant of the Court of Frosinone** from December 1994 until January 2009

Enrolled in "Italian Geological Society" from January 1988 until December 2004

Founder and owner of GTA Associates fron January 1998 until December 2005

**Technical Director of R.E.G.M.A. sas**, drilling firm specialized in geological surveyes, deep and special foundations, ground consolidation

**Technical Director of GTA S.r.l.**, environmental and engineering firm, from 1<sup>st</sup> February 2001 until 7<sup>th</sup> July 2009

**CEO of GTA srl,** environmental and engineering firm, from 26<sup>th</sup> May 2005 until 7<sup>th</sup> July 2009

Languages:	Italian	Mother tongue	
	English	Spoken (good)	Written (good)

## SUMMARY OF THE PRINCIPAL ASSIGNMENTS

## Geological and geotechnical assignments

2014 - on going \* SAR - Saudi Railway Company

The Saudi Landbridge Railway Project - Detailed Design of the "Landbridge Project" in the Kingdom of Saudi Arabia, constituted by a railway line that will connect Jeddah to Riyadh (Stratch From Ch 180+000 to Ch 271+000) - Saudi Arabia

Geological and Geotechnical Report, Geotechnical profile of railway, geomechanical surveys processing, seismic profile processing. *Client: Consorzio Integra – Italferr S.p.A.* 

## 2014 \* Ferrotramviaria S.p.A. - Southern Italy Railways Network

Final design for the expansion (redoubling) of the railway Bari-Barletta (in the southern Italy) – Section Ruvo di Puglia – Corato - Italy Management Plan of earthworks and rock excavation *Client: Systra-Sotecni – ATI Matarrese s.r.l., Alstom Ferroviaria S.p.A., Fersalento s.r.l.* 

## 2014 - on going \* RFI S.p.A. - Italian National Railways Network

Final design of a new track alongside the existing railway Rome-Cassino in the section between Viale Appius Claudius and Ciampino, and New Master plan of the Ciampino Station - Italy Management Plan of earthworks and rock excavation *Client: Systra-Sotecni – RFI S.p.A.* 

## 2013 \* ANAS S.p.A. – Italian Agency for National Roads - Dipartment for Latium Roads

National Road nr. 4 "Via Salaria" – Works necessary for the elimination of the crossing with traffic lights at chainage 36 + 000 - Intersection of Passo Corese - Italy Management Plan of earthworks and rock excavation *Client: ANAS S.p.A. – Dipartment for Latium Roads* 

## 2011 \* ANAS S.p.A. – Italian Agency for National Roads – Dipartment for Latium Roads

National Road nr. 7 "Appia" – Adjustment of the interchange at Km 94+500 (Loc. La Fiora) - Italy

Geological and Geotechnical Report *Client: Consorzio Integra – ANAS S.p.A.* 

#### 2010 – 2011\* ADR Fiumicino Airport (Rome)

Geological and geotechnical surveys for the Expansion Plan of the Fiumicino Airport - Italy

Geological surveys, for Conceptual design support, with boreholes, downhole tests, surface load tests and laboratory tests. Geological and geotechnical Report. *Client: GTA Srl – ADR Aeroporti di Roma* 

## 2008 \* RFI S.p.A. - Italian National Railways Network

Rail crossing abolition and acoustic remediation programme

- Construction of a road underpass at km 29+765 in substitution of the rail crossing at km 29+827 of the Roma-Velletri railway in Ariccia (RM) Italy
- Construction of a road underpass at km 60+393 in substitution of the rail crossing at km 60+476 of the Roma-Viterbo railway in Capranica (VT) Italy
- Construction of a road underpass at km 111+784 in substitution of the rail crossing at km 111+806 of the Priverno-Terracina railway in Sonnino (LT) Italy

Geological and geotechnical surveys for Detail design support. Geological survey with boreholes, downhole tests and laboratory tests. Geological and geotechnical Report.

Client: GTA srl - Consorzio Integra

#### 2007\* Municipality of Rome (Italy)

Inner-city redevelopment Programme of an area located in Selva Candida street (Rome – Italy): gauge of the real conditions of stability of the slope sited in front of the buildings. Construction design

Geological survey with boreholes, downhole tests and laboratory tests. Geological and geotechnical Report.

Client: GTA Srl - Ingg. Ettore e Guido Di Veroli Srl

## Energy, hydrocarbons and natural resources

#### 2013 \* Private investor

Project for the construction of a 48 MW wind power plant named "Parco Eolico Sant'Agostino"- Town of Riccia (CB) - Italy – Detailed Design

Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment: Environmental Consulting assignment for Environmental Screening, Environmental Monitoring Project, Ecological Impact Assessment, Environmental Mitigation Measures Design, Management Plan of earthworks and rock excavation, Monitoring of birdlife.

Client: Delta Energia Fortore srl

### 2012 \* Private investor

#### **Republic of South Africa – Province of Northern Cape**

Preliminary assessments on the possible presence of natural resources in five sites in the Northern Cape Province – South Africa. *Client: MedEnergy Global Ltd* 

#### 2011 – 2012 \* EDISON S.p.A. – Italian Energy Company

**Project for the construction of a 48 MW wind power plant in the City of Colletorto (CB) and its connection to the 380/150 kV transformer substation in the town of Rotello (CB) - Italy - Detailed Design** Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment

Client: EDISON Energie Speciali S.p.A.

## 2011 \* EDISON S.p.A. – Italian Energy Company

Completion of the wind power Plant of Ripabottoni in the jurisdiction of the City of Morrone del Sannio (CB) - Italy.

Ecological Impact Assessment. *Client: EDISON Energie Speciali S.p.A.* 

#### 2011 \* Private investor

Project for the construction of a 75 MW wind power plant named "Parco Eolico Centocelle"- Towns of San'ELia a Pianisi, Monacilioni e Bonefro (CB) - Italy – Detailed Design

Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment: Environmental Consulting assignment for Environmental Screening, Environmental Monitoring Project, Ecological Impact Assessment, Environmental Mitigation Measures Design, Management Plan of earthworks and rock excavation, Monitoring of birdlife.

Client: Delta Energia Sant'Elia srl

## 2010 \* TERNA S.p.A. – Italian National Transmission Grid

New HV line 380 kV "Paternò-Priolo" (Sicily – Italy)

Development of specialized activities related to the environment components of "Soil and subsoil" and "Water" of the Environmental Impact Study *Client: GTA srl – TERNA S.p.A.* 

#### 2010 \* Private investor

# Implementation of a Photovoltaic Plant (340 kW) within the municipality of Acuto (FR) - Italy

Environmental Impact Study and development of specialized related activities. *Client: GTA srl REGV s.r.l.* 

#### *2008 – 2010* \* Private investor

Implementation of a Photovoltaic Plant (6,048 MW) within the municipality of Montalto di Castro (VT) - Italy

Environmental Impact Study and development of specialized related activities.

Client: GTA srl - RESOLAR s.r.l.

#### 2007 – 2008 \* Private investor

Implementation of a Wind Power Plant (16 towers) within the municipality of Candela (FG) - Italy

Environmental Impact Study and development of specialized related activities.

Client: GTA srl SOEMS S.p.A.

Land accretion

#### 2008-2009 \* RFI S.p.A. - Italian National Railways Network

# Infrastructural enhancement of the railway Voltri-Brignole (Genova Node) - Italy

Final design of land accretion for:

- Sampierdarena Clearance of land contaminated by asbestos and aromatic polycyclic hydrocarbons, and waters contaminated by heavy metals (volume of contaminated material approximately 36,000 mc).
- Genova Brignole Clearance of contaminated land in from heavy hydrocarbons and aromatic polycyclic hydrocarbons, and waters from tetrachloroethylene and lead (volume of contaminated material about 5,000 mc).

Client: GTA srl - HASKONING NEDERLAND B.V. – Italferr S.p.A.

## 2005 \* Autostrade per l'Italia S.p.A. – Italian Concessionaire for the Construction and Management of Toll Highways

# Evaluation of contamination of land near the Service Area "Secchia Est" on the A1 Highway - (Modena) - Italy.

Environmental boreholes, sampling, laboratory tests, technical report *Client: GTA srl – Autostrade per l'Italia S.p.A.* 

#### 2003 - 2004 \* Private investor

## Preliminary and final design for asbestos accretion

Design plan for asbestos and mineral fibers for following different sites:

- Renovation of a building located in Via Pastrengo (Rome Italy) property of Banca Nazionale del Lavoro
- Renovation of a building located in via del Tritone (Rome Italy) property of Generali Properties
- Renovation of 2 buildings located in Via Crescenzio and in Largo Diaz (Rome Italy) property of INARCASSA
- Renovation of "Villa Grazioli" (Rome Italy) for the new headquarters of Canada Embassy

Client: GTA srl - Proger S.r.l

### EIA and Environmental Pre-feasibility

#### 2013 \* Private investor

## Project for the construction of a 48 MW wind power plant named "Parco Eolico Sant'Agostino"- Town of Riccia (CB) - Italy – Detailed Design

Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment: Environmental Consulting assignment for Environmental Screening, Environmental Monitoring Project, Ecological Impact Assessment, Environmental Mitigation Measures Design

Client: Delta Energia Fortore srl

2013 \* ANAS S.p.A. – Italian Agency for National Roads – Dipartment for Latium Roads National Road nr. 4 "Via Salaria" – Works necessary for the elimination of the crossing with traffic lights at chainage 36 + 000 - Intersection of Passo Corese - Italy Environmental Impact Study for Regional EIA Proceedings *Client: ANAS S.p.A. – Dipartment for Latium Roads* 

#### 2011 – 2012 \* EDISON S.p.A. – Italian Energy Company

Project for the construction of a 48 MW wind power plant in the City of Colletorto (CB) and its connection to the 380/150 kV transformer substation in the town of Rotello (CB) - Italy - Detailed Design Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment *Client: EDISON Energie Speciali S.p.A.* 

## 2011 \* EDISON S.p.A. – Italian Energy Company

Completion of the wind power Plant of Ripabottoni in the jurisdiction of the City of Morrone del Sannio (CB) - Italy.

Ecological Impact Assessment. *Client: EDISON Energie Speciali S.p.A.* 

#### 2011 \* Private investor

Project for the construction of a 75 MW wind power plant named "Parco Eolico Centocelle"- Towns of San'ELia a Pianisi, Monacilioni e Bonefro (CB) - Italy – Detailed Design

Environmental Impact Study for Regional EIA Proceedings and Ecological Impact Assessment

Client: Delta Energia Sant'Elia srl

#### 2010 \* TERNA S.p.A. – Italian National Transmission Grid New HV line 380 kV "Paternò-Priolo" (Sicily – Italy)

Development of specialized activities related to the environment components of "Soil and subsoil" and "Water" of the Environmental Impact Study *Client: GTA srl – TERNA S.p.A.* 

### 2010 \* Private investor

# Implementation of a Photovoltaic Plant (340 kW) within the municipality of Acuto (FR) - Italy

Environmental Impact Study and development of specialized related activities. *Client: GTA srl REGV s.r.l.* 

#### *2008 – 2010* \* Private investor

Implementation of a Photovoltaic Plant (6,048 MW) within the municipality of Montalto di Castro (VT) - Italy

Environmental Impact Study and development of specialized related activities.

Client: GTA srl - RESOLAR s.r.l.

#### 2007 – 2008 \* Private investor

Implementation of a Wind Power Plant (16 towers) within the municipality of Candela (FG) - Italy

Environmental Impact Study and development of specialized related activities.

Client: GTA srl SOEMS S.p.A.

## 2006-2007 \* ACEA S.p.A. – Italian Public Utilities Company New aqueduct of Simbrivio (Lazio – Italy)

Environmental Impact Study and development of specialized related activities. *Client: GTA srl - Rogedil Servizi s.r.l. - ACEA S.p.A.* 

#### 2003 – 2007\* ANAS S.p.A. – Italian Agency for National Roads

National Road nr. 7 "Appia" – Alternative plan in the municipality of Formia (Italy). –Detail design

Environmental Impact Study and development of specialized related activities.

Client: GTA srl - Politecnica S.c.a.r.l.

#### 2005 \* Private investor

Recovery and renovation Programs (Art. 11 L. 493/93) Housing and Urban Development - City of Rome (Italy)

Coordination and development of specialized activities for Environmental impact studies for the following interventions:

- Private Proposal No. 1 Prot. 2147/98 "Tor Bella Monaca Torrenova City Park" (Rome) *Client: GTA srl Due M Studio srl*
- Urban Development Program for the creation of an urban settlement in "La Torretta" (Rome) *Client: GTA srl Torre srl, Rigata srl*

#### 2003 - 2005 \* ANAS S.p.A. – Italian Agency for National Roads

National Road nr. 106 "Jonica" – Works of implementation and modernization - Reggio Calabria - Bova (21 km) – Section 5 - Italy -Preliminary Design

Environmental Impact Study and development of specialized related activities.

Client: GTA srl – Consorzio Integra - ANAS S.p.A.

#### 2003 – 2004 \* RFI S.p.A. - Italian National Railways Network

## Naples Node – Quadrupling of Salerno-Battipaglia Railway - Italy

Environmental Impact Study and Preliminary Design of environmental mitigation measures

Client: GTA srl - Politecnica S.c.a.r.l.

Environmental designs for site activities

2014 * Ferrotramviaria S.p.A Southern Italy Railways Network Final design for the expansion (redoubling) of the railway Bari-Barletta (in the southern Italy) – Section Ruvo di Puglia – Corato - Italy Final Design of environmental mitigation measures for site activities <i>Client: Systra-Sotecni – ATI Matarrese s.r.l., Alstom Ferroviaria S.p.A., Fersalento s.r.l.</i>
2010 * RFI S.p.A Italian National Railways Network
Pescara-Bari Railway – Redoubling in the section in the north of Ortona
(Abruzzo – Italy) - Final design
Final Design of environmental mitigation measures for site activities, Environmental
monitoring, Quarries and landfills sites.
Client: GTA srl - HASKONING NEDERLAND B.V – Italferr S.p.A.
2010 * RFI S.p.A Italian National Railways Network
Infrastructural enhancement of the Orte-Falconara Railway – Section Spoleto-
Campello (Marche – Italy) – Final design
Final Design of environmental mitigation measures for site activities
Client: GTA srl - HASKONING NEDERLAND B.V – Italferr S.p.A.
2000 - 2010* DELS n.A. Italian National Dailways Natwork
2009 - 2010* RFI S.p.A Italian National Railways Network Completion of the tunnels of the Genova-Ventimiglia Railway– Section
San Lorenzo a Mare-Andora (Liguria – Italy) – Final design
Final Design of environmental mitigation measures for site activities,
Environmental monitoring, Quarries and landfills sites.
Client: GTA srl - HASKONING NEDERLAND B.V – Italferr S.p.A.
2009* RFI S.p.A Italian National Railways Network
Overground Melito P.S.–Reggio Calabria-Rosarno. Works for 6 new stations in

Overground Melito P.S.–Reggio Calabria-Rosarno. Works for 6 new stations in the section Melito P.S. – Villa S. Giovanni (Calabria – Italy) – Detail design Final Design of environmental mitigation measures for site activities *Client: GTA srl - HASKONING NEDERLAND B.V.*. – *Italferr S.p.A*.

2008\* ANAS S.p.A. – Italian Agency for National Roads

 National Road nr. 640 "Porto Empedocle" – Section in Agrigento Province
 between Ch 10+200 and Ch 44+000 (Sicily – Italy) – Final design
 Final Design of environmental mitigation measures for site activities
 Client: GTA srl – SRDigital srl – Porto Empedocle s.a.r.l. – ANAS Compartimento di
 Palermo

#### 2005 – 2007 \* Municipality of Rome

### New Underground of Rome – Line C – Sections T4-T5-T6A-T7-Deposito Graniti – Final design

Environmental management system of the yard, Quarries and landfills sites, Management Plan of earthworks and rock excavation *Client: GTA srl - METRO C S.p.A. Società di Progetto* 

## Landscaping and environmental mitigations

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2012 \* ANAS S.p.A. – Italian Agency for National Roads – Dipartment for Latium Roads
National Road N° 4 "Via Salaria" - Works for junction improvment S.P. Montelibretti and SS n° 4 "Via Salaria" at km 34+900 – Detailed Design Landscaping study and report. Design of environmental mitigation measures. *Client: E&G srl*

2011 \* ANAS S.p.A. – Italian Agency for National Roads – Highway A3 Salerno -Reggio Calabria

Modernisation and upgrading Type 1 / B Standards CNR 80 - Trunk 1 -Section 1 - from km 500 to km 2 + 8 + 000 - Adjustment of geometric Ramp "A" of the junction between SA-AV and SA-RC highway - Detail Project Landscaping study and report. Design of environmental mitigation measures. *Client: ANAS S.p.A. – Direzione Centrale Progettazione* 

#### 2011 \* Private investor

Project for the construction of a 75 MW wind power plant named "Parco Eolico Centocelle"- Towns of San'ELia a Pianisi, Monacilioni e Bonefro (CB) - Italy – Detailed Design

Design of environmental mitigation measures. *Client: Delta Energia Sant'Elia srl* 

2004 – 2005 \* SITAF S.p.A - Italian Concessionaire for the Construction and Management of Toll Highways - Highway A32 Torino-Bardonecchia Structural and functional adaptation of the viability of the first section between the junction of Savoulx and the yard of the Frejus Tunnel – Final Design - Completed works Final design of landscaping and environmental mitigation measures *Client: GTA srl - Musi Net S.p.A. - SITAF S.p.A*  2002 – 2003 \* Municipality of Civitavecchia

Freight terminal of Civitavecchia (Lazio - Italy) – detail and final design – Completed works Final design of landscaping

Client: GTA srl - Proger S.p.a.

#### 2002 - 2003 \* RFI S.p.A. - Italian National Railways Network

Bicocca-Messina Railway - Section Catania C.le – Catania Ognina – Alternative for the redoubling of the railway between Ch 0+000 (Ch 241+477) and Ch 2+595 (Ch 244+362) between Catania C.le Station and Catania Ognina Station – Detail design for tender Final design of landscaping *Client: GTA srl – Studio Geotecnico Italiano srl - ITALFERR S.p.a.* 

2001 - 2003 \* RFI S.p.A. - Italian National Railways Network Infrastructural enhancement of Orte Falconara Railway - Section Fabriano-PM228 – Detail design for tender Final design of landscaping. Client: GTA srl - Italferr S.p.A.

2000 \* Municipality of Rome

**Completion of the New Inner Ring (Section Batteria Nomentana – Connection Highway A24) and roads connected– Final design** Final design of landscaping *Client: Studio Associato GTA - Viaservizi s.n.c.* 

## **Environmental monitoring**

2014 \* Ferrotramviaria S.p.A. - Southern Italy Railways Network
 Final design for the expansion (redoubling) of the railway Bari-Barletta (in the southern Italy) –
 Section Ruvo di Puglia – Corato - Italy
 Final design of environmental monitoring
 *Client: Systra-Sotecni – ATI Matarrese s.r.l., Alstom Ferroviaria S.p.A., Fersalento s.r.l.*

2013 \* Private investor

Project for the construction of a 48 MW wind power plant named "Parco Eolico Sant'Agostino"- Town of Riccia (CB) - Italy – Detailed Design Monitoring of birdlife and Detail design of environmental monitoring *Client: Delta Energia Fortore srl* 

#### 2011 \* Private investor

Project for the construction of a 75 MW wind power plant named "Parco Eolico Centocelle"- Towns of San'ELia a Pianisi, Monacilioni e Bonefro (CB) - Italy – Detailed Design

Monitoring of birdlife and Detail design of environmental monitoring. *Client: Delta Energia Sant'Elia srl* 

#### 2011 \* RFI S.p.A. - Italian National Railways Network

# Roma-Pescara Railway – Redoubling of the Section Lunghezza-Guidonia (Rome – Italy)

Environmental monitoring of soil – Winter campaign 2010-2011 Surveys, Sampling, Data processing of the laboratory analisys, Final report. *Client: GTA srl - HASKONING NEDERLAND B.V. – Italferr S.p.A.* 

 2009 - 2010 \* RFI S.p.A. - Italian National Railways Network Redoubling of the Fiumetorto-Cefalù-Castelbuono Railway– Section Fiumetorto-Ogliastrillo – (Sicily – Italy) Environmental monitoring of Vegetation, Flora and Fauna – Campagne: Summer campaign 2009 – Spring campaign 2010

Surveys, Sampling, Data processing, Final report *Client: GTA srl - HASKONING NEDERLAND B.V. – Italferr S.p.A.* 

## 2009 \* RFI S.p.A. - Italian National Railways Network Redoubling of the Genova-Ventimiglia Railway – Section Andora-San Lorenzo al Mare (Liguria – Italy)

Environmental monitoring of Vegetation, Flora and Fauna – Wintert campaign 2009 – Summer campaign 2009

Surveys, Sampling, Data processing, Final report *Client: GTA srl - HASKONING NEDERLAND B.V. – Italferr S.p.A.* 

 2009 \* RFI S.p.A. - Italian National Railways Network Infrastructural enhancement of Pontremolese Railway – Redoubling of the Section Solignano-Osteriazza (Emilia – Italy) Environmental monitoring of Vegetation, Flora and Fauna – Wintert campaign 2008- 2009 – Spring-Summer campaign 2009 - Summer campaign 2009 - Autumn campaign 2009

Surveys, Sampling, Data processing, Final report *Client: GTA srl - HASKONING NEDERLAND B.V. – Italferr S.p.A.*  Environmental consultancy for tender

#### 2014 \* ANAS S.p.A. – Italian Agency for National Roads

Tender for Final Design and construction of National Road "Picente Dorsale Amatrice-Montereale-L'Aquila" – Section IV: from the juction of Marana to the juction of Cavallari (Abruzzo – Italy)

Best proposal for Management Plan of earthworks and rock excavation Client: Ausilio S.p.A. – Proger S.p.A. – ATI CCC Soc. Coperativa – I Platani s.r.l.

### 2014 \* SCR Piemonte

Tender for Final Design and construction of the connection between Torino-Ceres Railway with National Italian Railway in Corso Grosseto (Turin – Italy), included the construction of "Grosseto" Station and the completion of "Rebaudengo" Station.

Best proposal for Management Plan of earthworks and rock excavation *Client: Systra Sotecni – Impresa: TOTO Costruzioni S.p.A.* 

#### 2014 \* Municipality of Lecce

Tender for Final Design and construction of the extension of railway pedestrian underpass and new Lecce Station (Puglia – Italy).

Best proposal for environmental mitigation measures for site activities. *Client: Systra Sotecni* 

## 2014 \* Province of Foggia

Tender for Final Design and construction of connection between Foggia and New Foggia-Incoronata Toolgate  $-1^{st}$  Functional Section: adjustment of the roads for the access/service to the industrial area "ASI Incoronata" and connection with the new toolgate (Puglia – Italy)

Best proposal for noise reduction, landscaping and environmental mitigation measures for site activities.

Client: Systra Sotecni – Delta Lavori S.p.A.

### 2013 \* Ferrotramviaria S.p.A. - Southern Italy Railways Network

Tender for Final Design and construction of Andria sud Station along Bari-Barletta Railway (Puglia – Italy)

Best proposal for noise reduction, landscaping and environmental mitigation measures for site activities.

Client: Systra Sotecni – MATARRESE S.p.A.

2013 \* ANAS S.p.A. – Italian Agency for National Roads

Tender MI 10/12 - National Road n° 38 "dello Stelvio" – Tender for Final Design and construction of the Alternative route in the Municipality of Morbegno (Lombardia – Italy). Section from the interchange of Fuentes to the interchange of Tartano.  $2^{nd}$  Lot from the interchange of Cosio to the interchange of Tartano

Best proposal for landscaping, environmental monitoring and environmental mitigation measures for site activities.

Client: Systra Sotecni – Ing. Claudio Salini S.p.A.

#### 2013 \* ANAS S.p.A. – Italian Agency for National Roads

Tender CA 13/12 - Tender for Final Design and construction of National Roads S.S. 597 – S.S. 199 - Sassari-Olbia Road - Lot 4 - Sardinia – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: Systra Sotecni – Todini S.p.A.

### 2012 \* ANAS S.p.A. – Italian Agency for National Roads

Tender CA 12/12 - Tender for Final Design and construction of National Roads N° 597 – N° 199 - Sassari-Olbia Road - Lot 3 - Sardinia – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: Systra Sotecni – Todini S.p.A.

## 2012 \* ANAS S.p.A. – Italian Agency for National Roads

Tender BA 04/12 - Tender for Final Design and construction of National Road N° 96 "Barese" - Puglia – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: E&G srl – ATI SICURBAU srl – Consorzio Stabile Appalti Grandi Opere S.p.A.

#### 2012 \* ANAS S.p.A. – Italian Agency for National Roads

Tender CA 02/12 - Tender for Final Design and construction of National Roads N° 597 – N° 199 - Sassari-Olbia Road - Lot 7 - from Ch 61+450 to Ch 68+600 - Sardinia – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: E&G srl – ATI SICURBAU srl – Consorzio Stabile Appalti Grandi Opere S.p.A.

#### 2012 \* ANAS S.p.A. – Italian Agency for National Roads

National Road N° 675 "Umbro-Laziale" – Tender for Final Design and construction of Section Monte Romano est – Cinelli (Lot 1 - Section B) – Lazio - Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: E&G srl – ATI SICURBAU SRL-CONSORZIO STABILE GRANDI OPERE S.P.A.

#### 2012 \* Province of Florence

Tender for Final Design and construction of Regional Road N° 69 "Di Valdarno" Section from Ciliegi to the provincial boundary – Lot 5 – Tuscany – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

*Client: E&G srl* – *Pozzi Stefano srl* 

#### 2011 \* ANAS S.p.A. – Italian Agency for National Roads

Tender CA 03/01 - Tender for Final Design and construction of National Roads N° 597 – N° 199 - Sassari-Olbia Road - Lot 1 - Sardinia – Italy

Best proposal for landscaping and environmental mitigation measures for site activities.

Client: E&G srl – ADANTI S.p.A.

#### Works management

#### 2000 - 2002 \* Municipality of Ferentino

Redevelopment of Alabro river (Lazio - Italy) - Recovery and enhancement of the environment –  $1^{st}$  Lot

Realization of an artificial island for flood safety and environmental recovery *Client: Municipality of Ferentino* 

### 2000 - 2002\* Municipality of Ferentino

Environmental recovery of a green area in Molazzete Area (Municipality of Ferentino - Lazio - Italy) *Client: Municipality of Ferentino* 

### Publications and speeches for congress

and workshop

RONDINARA A. (2011) Environmental impact in mountain areas IPROMO SCHOOL - Course 2011: "Natural Hazards and Disaster Risk Management in Mountain Areas". Lecture

#### RONDINARA A. (1997)

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