



**formin**  
prospecțiuni • foraje

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**60 YEARS OF EXPERIENCE.**  
**GEOLOGICAL PROSPECTING AND GROUND  
ENGINEERING SERVICES**

S.C. FORMIN S.A.  
Str. Mihai Viteazu nr. 1, Caransebeș  
E-mail: [office@formin.ro](mailto:office@formin.ro)  
Site: [www.formin.ro](http://www.formin.ro)  
C.I.F.: RO1067084  
Nr. ord. reg. com: J11/177/1991  
Capital social subscris și vărsat: 1.603.600 ron



## ABOUT US

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**Formin SA**, as a drilling contractor, is a one of the top Romanian supplier of technologically advanced drilling operations and value added services, through skilled staff, contributing to improved customer business performance.

One of the main activities of **Formin SA** is exploring new mineral resources in Romania. Prospecting and exploration of mineral resources have a certain degree of risk, however **Formin SA** increases the chances for successful development of new opportunities. The company focuses on early stage to discover and explore potential mineral reserves by attracting strategic partners.

**Formin SA** ensures qualified personnel in this field, offering the possibility to exploit the underground resources through performing the following tasks:

- Documentation, site investigation, geological drilling
- Documentation, geotechnical drilling
- Water well drilling
- Difficult construction drilling solutions
- Qualified and specialty consulting and studies

It is **Formin SA** vast experience, flexibility, expertise, highly skilled team and state-of-the-art equipment that has gained the Company an excellent reputation for quality and specialized drilling services. As a result, we are in an excellent strategic position to expand operations worldwide.



## BACKGROUND

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**Formin SA** celebrates its 60 anniversary in 2012. Very few companies, and even fewer drilling contractors, can claim this milestone.

Established in 1952 under name of “Intreprinderea de Explorari din Caransebes” and operated until 1990 under a number of names as is “Intreprinderea de Explorari 6 Banat”, “Intreprinderea de Explorari Miniere Banatul” and “Intreprinderea de Prospecțiuni si Explorari Geologice Banatul”, the main activity was geological investigation and water well drilling.

In 2003, the Company took a major step forward and became a private hold company under the name of **Formin SA**. In a short time **Formin SA** has become an important leader in the drilling market of Romania with over 8000 different works all around the country.

## SERVICES

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**Formin SA** can provide clients with a unique turnkey service – from consultation to completion of project – all work is undertaken in-house therefore we can provide competitive pricing. We can also offer our services as part of a project or on a contractor basis.

In order to provide an excellent and focused service to clients, the Company consists of 3 divisions pertaining to each service we provide - these include a **Geological Prospecting and Exploration Division**; **Geotechnical Division** and **Water Division**.



#### **A. GEOLOGICAL PROSPECTING AND EXPLORATION**

- surface and underground geological drilling and prospecting
- identify different useful ore deposits and other resources as is: gold, copper, lead, zinc, manganese, iron, salt, quarries for building stone, etc
- preparation of documentation for obtaining the license for exploration and exploitation

#### **B. GEOTECHNICAL**

- geotechnical drillings
- special bore hole (piezometer, etc.)
- static and dynamic penetrations
- micro piles
- studies for drilling works
- geotechnical studies

#### **C. HYDROGEOLOGICAL**

- deep or low hydro geological drilling
- rehabilitation works wells (investigation, cleaning)
- experimental pumping works



## EQUIPMENT

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**Formin SA** has invested in state-of-the-art machinery and specialized equipment in order to provide clients with an efficient and speedy service

We have a large selection of equipment and expertise. This enables us to provide a professional and efficient service to clients. We have invested in the latest technology in our rigs to ensure projects can be completed *right first time*. All rigs are serviced at regular intervals and are operated by our highly skilled team.

### A. Drilling Rigs

- ATLAS COPCO CS 14 C – 2013
- HANJIN D&B-30 MULTIPORPOSE, RC - 2013
- BOART LONGYEAR
- ROLATEC RL 600S
- ROLATEC RL 400
- COMACCHIO
- PUNTEL 1000
- TEREDO HYDRA 310
- 1BA15
- DEEP ROCK

### B. Drilling equipments

- HANJIN Rod Carrier
- Dynamic Penetrometer Super Heavy (DPSH) – TECOP 10
- Borehole video investigation equipment RCAM -1000
- Electrical logging equipment

### C. Additional equipments

- Electrical generators set - ATLAS COPCO
- Air compressor type - ATLAS COPCO, INGERSOLL-RAND – 21 m<sup>3</sup> 21 bar
- Air compressor type - KAESSER

## PROJECTS

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Before 1990, the most important customer for the projects completed by **Formin SA** was the **Ministry of Industry and Commerce** for which we have completed geological and hydro-geological research contracts as part of the national programs for geological research.

As a result of these activities, there are almost 80 liquid and mineral deposits discovered by Formin SA. There have also been executed drilling for water wells, geological cores, and foundations.

Since 1990 the activity of **Formin SA** has become far more complex and this can be seen from the associated portfolio of customers.

### A. Geological Surveys

- DEVA GOLD SA
- EUROPEAN GOLDFIELD DEVA SRL
- AMROMCO ENERGY LLC NEW YORK
- SOCIETATEA NAȚIONALĂ A LIGNITULUI OLTENIA SA
- LCC COMPANIA CARBUNELUI
- E.ON ENERGIE ROMANIA
- WOODS HOLE OCEANOGRAPHIC INSTITUTION – SUA
- ATON TRANSILVANIA SRL
- GRANDEMAR SA
- MINERAL PROJECT 1 SRL
- DRUMCO SA
- CCCF DRUMURI SI PODURI TIMISOARA
- PANTEKHNIKI SA

### B. Geotechnical investigations

- ITALFERR SPA ROMA
- INOCSA INGENIRIA SL MADRID
- PORR CONSTRUCT SRL
- ALPINE BAU GMBH AUSTRIA
- COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA
- TECNIC CONSULTING ENGINEERING ROMANIA
- DIWI CONSULT INTERNATIONAL GMBH
- ILF - TRANSBALKAN CRUDE OIL PIPELINE
- TYP SA MADRID, ETC

### C. Water wells and water supply borehole

- BAREX – PETROM SA
- E.ON ENERGIE ROMANIA

- AQUATIM SA
- ELECTRICA BANAT SA
- HIDROCONSTRUCTIA SA
- SOLOPROD S.R.L.
- ENERGObIT S.R.L
- COMPANIA DE APA SA BUZAU
- HABAU PPS PIPELINE SYSTEMS S.R.L.
- PRIMARII City halls, etc

**D. Prospection and Exploration license documentation**

- ROMANIAN MINISTRY OF ECONOMY
- CCCF DRUMURI SI PODURI TIMISOARA
- PANTEKHNIKI SA
- LCC COMPANIA CARBUNELUI

## CERTIFICATES

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**Formin SA** provides a safe, fair and stimulating working environment and encourages employees to make a meaningful contribution to the overall performance of the Company. We have a comprehensive and extensive training and development program for employees at all levels. Therefore we can ensure that all activities are conducted by well-trained and qualified employees.

**Formin SA** follows all the quality, safety and environmental regulations and therefore we operate within strict guidelines of the EU.

Our capabilities are proven by the following certificates.

- ISO 9001 - Certificate SRAC / IQ Net - Quality Management System no. 6217
- ISO 14001 - Certificate SRAC / IQ Net - Environmental Management System no.1734
- ISO 18001 - Certificate SRAC / IQ Net - Health and Security Management System no. 1378
- Authorization of railway provider AF no. 4751
- AFER agreement for issuing geotechnical studies AT, No.762/2011.
- Attestation Certificate National Agency for Mineral Resources No 1021/31.01.2012