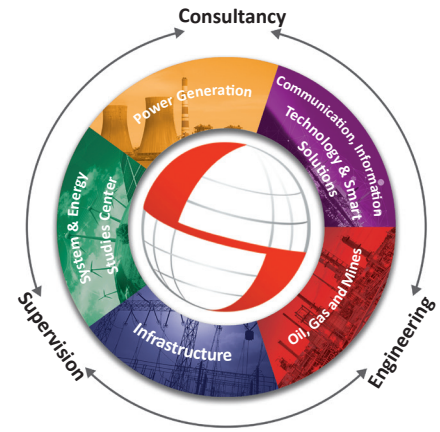




موننکو ایران
Monenco Iran

Monenco Iran

Monenco Iran Consulting Engineers, a leading global provider of professional engineering and consulting services, was formed in 1973 as a joint venture between the private sector of Iran and Montreal Engineering Company of Canada and started its activities in Iran energy industry. Currently, Monenco Iran Consulting Engineers is a private entity which Mapna Group, Wood Group, and MIR Management Consultancy Company (Employees' share) are the main shareholders. Monenco Iran Consulting Engineers has developed the engineering, supervision and consultancy services in different fields such as: Electricity, Oil & Gas and Petrochemical, Metro & Railways, Airports, ICT, SCADA & Dispatching, Water & Wastewater, Mining, Architecture and Management Consultancy.



+1000

employees

49

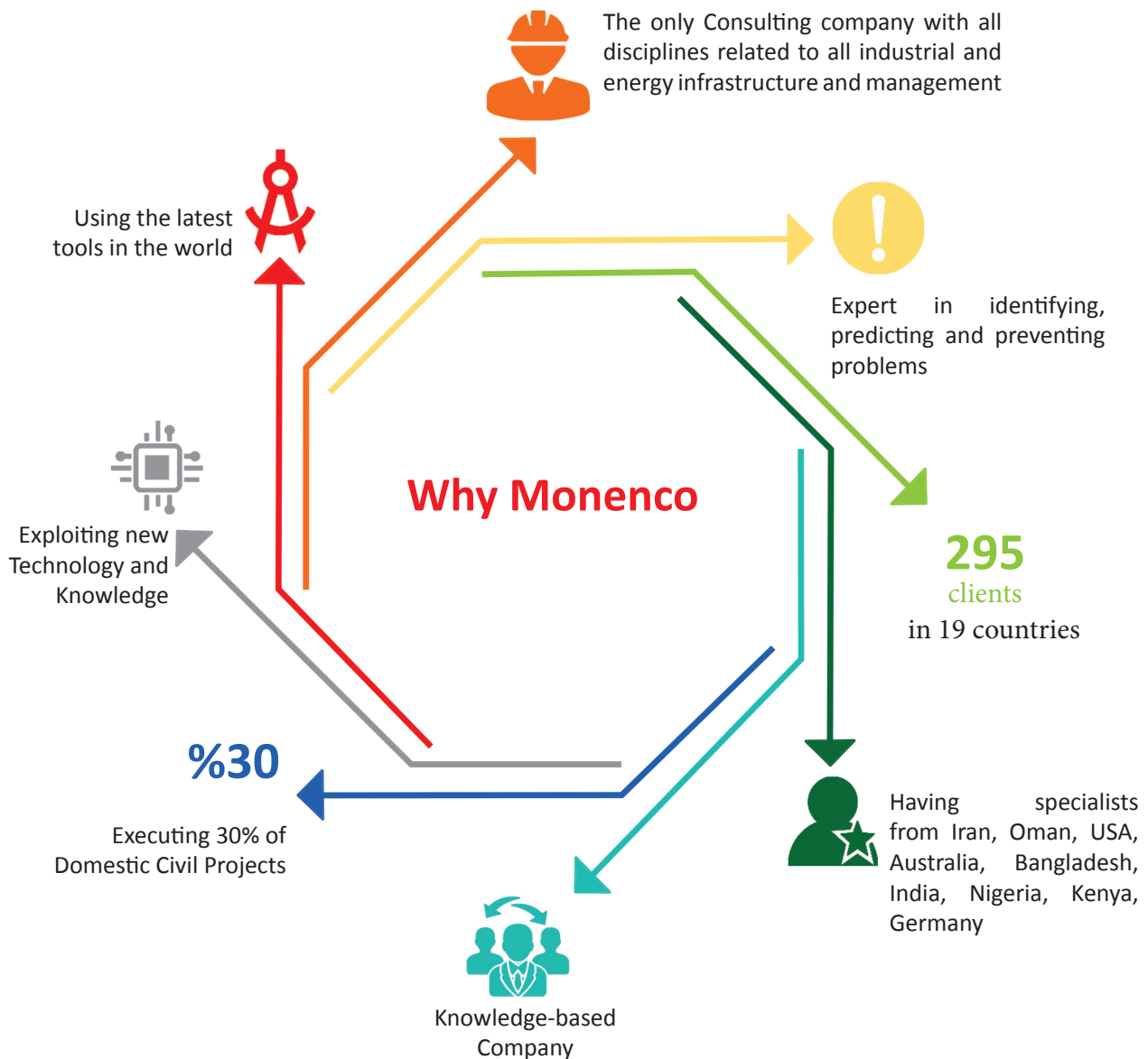
years experiences

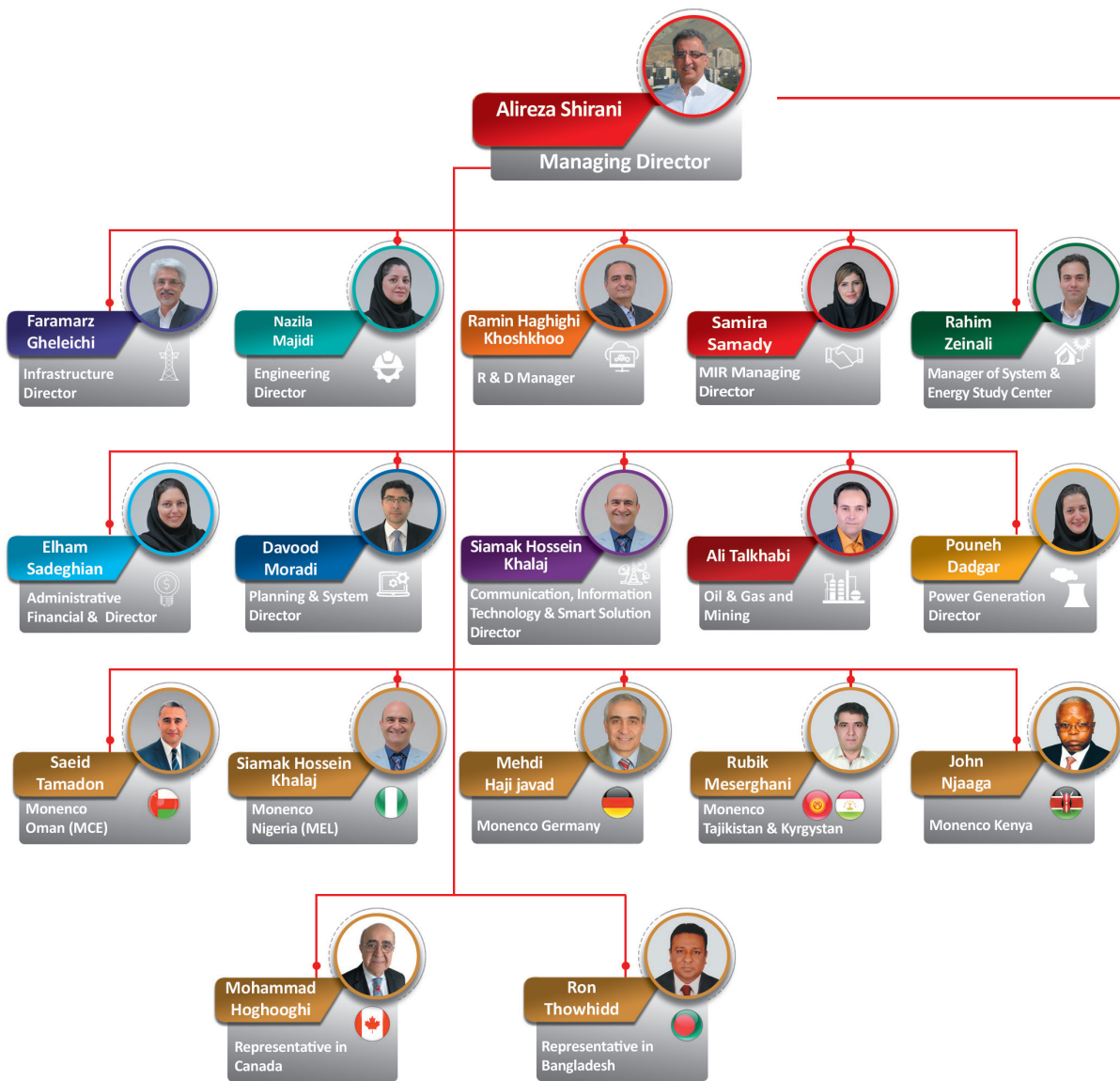
+500

Domestic ongoing projects

+65

Overseas projects





Honors

Certificates in different national & international achievements, letters of appreciation and competences confirm Monenco efforts for Maintaining and upgrading quality of its professional activities.

Changing to a knowledge-based company, the highest certificate of achievement in providing feasibility services and supervision from Association of Banking and Credit Investment Consultants, exemplary entrepreneur, affiliate member in FIDIC association, verified Consultant of world Bank, Islamic Development Bank, European National Development Festival and United Nations World Food Program are samples of success of this consulting engineers company.



Achieving exemplary Exporter in the field of Engineering in Iran and Tehran province

300 Receiving more than letters of appreciation

Obtaining **25** grades for providing consulting services from Iran Plan and Budget Organization


The only consulting engineers firm among Iranian **300** companies by Industrial Management Institute

Being one of the top **200** consulting companies in the world




Obtaining first grade in exporting knowledge-based services from Ministry of Information and Communications Technology of Iran


Expansion of services


 Transmission & Distribution of energy

 ICT

 Metro & Railway


 Power Generation


 Water & wastewater

 Mining and Metal industries

 Airports


 Smart Solutions


 Civil Engineering & Urbanism


 Oil, Gas and Petrochemical

 Traffic & Transportation

 System & Energy Studies

 SCADA and Dispatching

 Management Consultancy

 Power Grid Stations

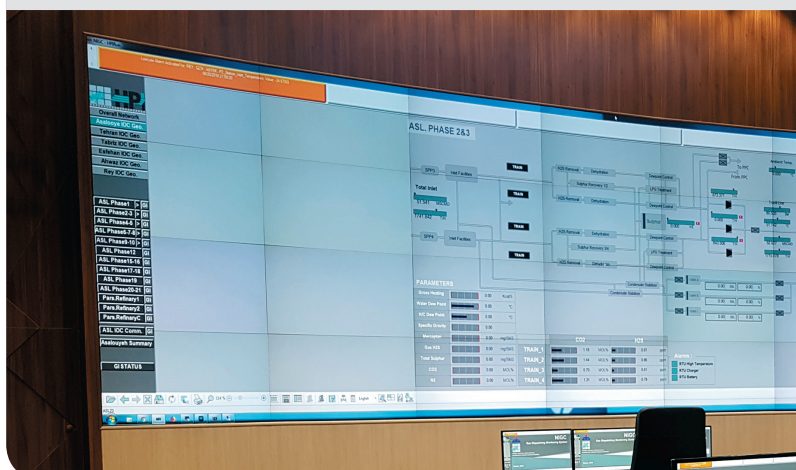
Power Generation

- Power plant engineering for electricity generation (Gas Turbine Power Plants & Combined Cycle Power Plants)
- Design of CCGT, OCGT, SCGT and CHP Power, rehabilitation, repowering and energy recovery Plants
- Power Plant Management Consultancy Services
- Design of Main Cooling Systems (Heller, ACC, once through)
- Technical-economic feasibility study
- Operation and maintenance service
- Desalination, Water and Wastewater Consultancy engineering
- Distributed Generation and renewable projects Consultancy engineering
- Consultancy Services of engineering, design and construction supervision of various buildings
- Performing engineering services of technical-economic feasibility study of construction in industry
- Information Integration Management of Projects, the full implementation of the BIM system, 3D Modeling, Laser Scanning

	Gas Turbine	19500 MW
	Combined Cycle Power Plants	35500 MW
	Thermal Power Plants Feasibility Studies	+3000 MW
	Renewable Energies & Distributed Generation	33
	Wind Power Plants	1100 MW
	Thermal Power Plants	2400 MW

Communication, Information Technology & Smart Solutions

- Smart Solutions
- Communication Infrastructure (Fiber Optics, Radio, ...)
- Telecommunication Master Plan
- Information Technology
- Business Analysis and Strategy Planning
- Dispatching, Monitoring and Automation
- Cyber Security Plan

	National and Regional dispatching and SCADA plan	55
	Telecommunication Systems and Networks Master Plan	+80
	Telecommunication Plan	10
	Smart Solutions	11
	Information Technology	5
	Monitoring	12
	Water and Wastewater	14

Infrastructure

- Electrical Power Transmission lines
- High Voltage Substations
- Distribution Networks
- Metro & Railways
- Airports
- Traffic & Transportation
- Civil & Urbanism



Railways and subway projects	400 km
Highways	34 km
Airport terminal projects	3
Industrial commercial buildings	48500 m ²
Transmission Lines	24730 km
Substations (up to 20-400 kV)	59960 MVA
OPGW engineering and designing	12682 km
Master Plan & distribution network losses	97 Regions/ Cities
Technical, economic analysis and design for power distribution projects	23

Oil, Gas and Mines

- Basic and detailed design of oil and gas refineries.
- Petrochemical plant design.
- Petrochemical and chemical design of units where license and know-how belong to Monenco Iran.
- Oil and gas transmission pipeline design.
- Designing oil and gas transmission pipeline compressor stations and reduction stations.
- Designing mineral processing units.
- Designing mineral resources exploration and production units and supervision on production.
- Designing LNG processing units.
- Designing of well head and gathering facilities.



Oil, Gas & Petrochemical Complexes	73
Mining & Geology	30

System & Energy Studies Center

- Power System Studies
- Electricity Market and Economic Feasibility study

- Electricity Sector Strategic Planning and management
- Energy System Planning



Iran Electricity Grid Studies	5
Electricity export marketing studies	5
Internal Network studies and grid connection studies	7
Studies of Master plan for Grid Expansion Planning in the Long term	7
Power System restructuring	4
Power quality improvement of Steel Mill factory	2
Study of power plant interconnection to the grid	14
Study on the interconnection of electricity network between countries	4
Network Planning and Operation Studies	6
Network stability studies	2
Electricity network tariffs	2

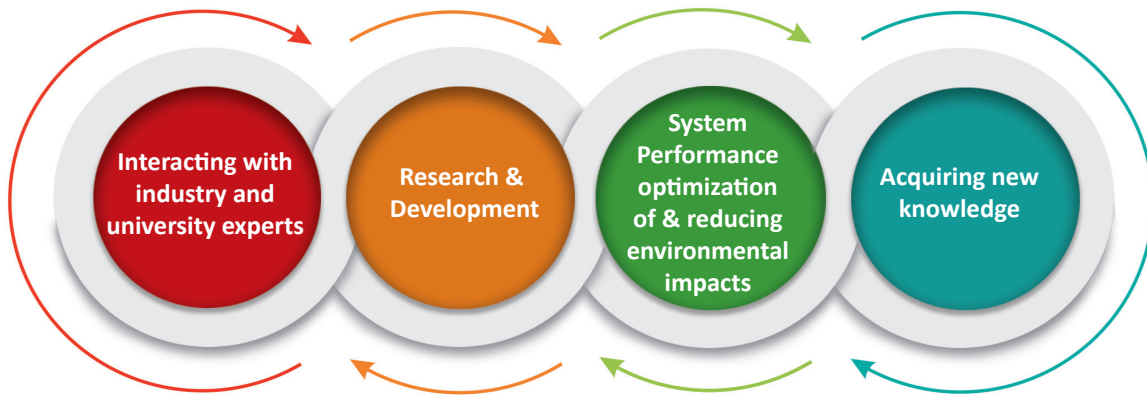
MIR management Consultancy (Member of Monenco Group)

- Management Consultancy
- Information Technology (IT)
- General and Professional Training Services



Projects	+100
Training Courses	+1000
Experience	18 years
Clients	+60

Technology and Innovation in Monenco Iran



Corporate Social Responsibility

As an international consulting engineering firm, Monenco is invested in and committed to the social responsibility of business. We believe in the benefits of corporate social responsibility and in building sustainable communities which helps us to create long-term shareholder value.

Now, Monenco is successfully active in pursuing CSR opportunities based on Monenco corporate social responsibility strategies as described below;



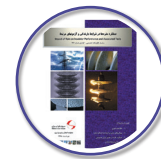
Compilation and publication of books



Collaboration with employers in the hope of using foreign financial resources such as Green Climate Fund (GCF)



Launch of Monenco Insights application includes technical reports



Preparation of technical reports and national and international articles



Cooperation with organizations and NGOs; for instance blood donation and blood pressure campaign



Submitting the idea of changing Iran to the regional energy hub (negotiation with Oman, Tajikistan and Iraq as well as study and investigate the plan of connection between AIR countries)



Submitting an insurance guarantee plan (Surety Bond) to the Ministry of Economic Affairs and the Planning and Budget Organization



Presenting the national idea of the hidden economy plan to the Ministry of Economic Affairs and Finance



Protection and cooperation with charities



Awarding scholarships to top students of University of Tehran



Awarding scholarships to top students of Sharif University of Technology



Focus on research and development



Responsible of all Cigre Iran activities



Focus on renewable energy sources projects

Monenco Iran Consulting Services Qualifications

Power Generation	Grade 1
Power Transmission	Grade 1
Power Transmission- 2	Grade 1
Power Distribution	Grade 1
Installations, Electrical and Mechanical	Grade 1
Dispatching and Telecommunication	Grade 1
Master Plan Studies in ICT Communication and Information Technology	Grade 1
Structure	Grade 1
Residential, Commercial, Administrative, Industrial and Military Constructions	Grade 2
Transmission (Microwave, satellite, Fiber Optic, Cable and Data)	Grade 1
Mine Exploration and Examination	Grade 2
Oil and Gas Refinery Units and Petrochemical Industry	Grade 1
Gas pressure regulating station network	Grade 3
Oil & gas upstream installations	Grade 3
Oil and Gas Transmission Lines	Grade 3
Water and Sewage Installation	Grade 2
Port & Marine Structures	Grade 3
Energy Optimization	Grade 3
Technical Inspection	Grade 3
Renewable Energy	Grade 3
Mine Preparation and Operation	Grade 2
Airports	Grade 3
Railway	Grade 1
Educational Buildings, Sport and Healthcare Facilities	Grade 3
Retrofitting	Grade 1

