

# Valley® Ag Solutions Turnkey Irrigation Projects



The Leader in Precision Irrigation.



**John Rasic  
Consulting**

**Irrigation  
Management**

**Soil  
Survey**



**Valley  
Center Pivots**

**Valley  
Dealers**



**Your  
Irrigation  
Project**

**Finance  
Solutions**

**Farm  
Management**

**coface**  
FOR SAFER TRADE

**Valley Water  
Management  
Ancillaries**

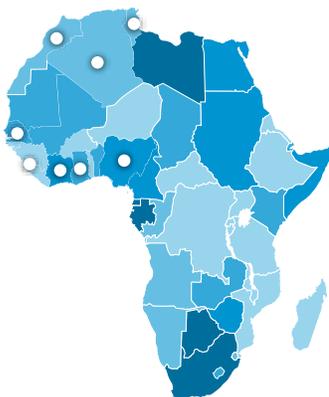


# Turnkey Solutions

Our Ag Solutions team is dedicated to supporting your farm project development and management beyond supplying irrigation equipment. Our experts can advise you on each step of your project development; from the pre-feasibility study to post harvest solutions.

	JRC	FGM	Irriger	Valley	VWM	Valley Dealer	Coface
<b>DESIGNING, ENGINEERING AND PLANNING OF LARGE-SCALE FARM PROJECTS</b>							
<b>Soil survey</b> to narrow potential sites for best soil fertility and potential yields, and create a soil remediation plan	●						
<b>Topography survey</b>		●				●	
<b>Hydrology survey and test wells</b> to identify potential ground water and/or points of extraction for surface water						●	
<b>Water Corrosion Analysis</b>				●			
<b>Master center pivot layout</b> with initial overlay of soil and water potential to select area, priorities, phases and restrictions				●		●	
<b>Project engineering and design</b> of water and electricity supplies				●	●	●	
<b>Farm development study and operations plan</b> to determine crop rotation, farming equipment, inputs and farm structure		●					
<b>PROJECT DEVELOPMENT</b>							
<b>Irrigation installation</b>				●		●	
<b>Operator training</b> on irrigation and maintenance		●		●		●	
<b>Permanent or contractual farm management</b>		●					
<b>Driver and operator training</b> on crop husbandry and maintenance		●					
<b>SERVICE</b>							
<b>Irrigation maintenance and troubleshooting</b>		●		●		●	
<b>Ag machinery maintenance</b>		●					
<b>FARM MANAGEMENT OPTIONS</b>							
<b>Permanent farm management or consulting</b>		●					
<b>Ongoing support</b> of existing, local farm management teams (short-term expertise on-site)		●					
<b>Irrigation scheduling</b>			●				
<b>Irrigation management</b> with soil moisture sensors and weather station		●		●		●	
<b>FARM ASSESSMENT, RE-ENGINEERING AND STAFF TRAINING</b>							
<b>Appraisal of existing operations</b>		●					
<b>Irrigation equipment checkup, auditing</b> and calibration		●	●	●		●	
<b>Monitoring of energy consumption</b> to reduce KWh costs and maximize the reserved time use (with lower energy costs)			●				
<b>Credit limits and financing tools</b>							●

## Valmont® Presence in West and North Africa



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## FGM Expert Farmer

FGM Expert Farmer is a French company, delivering technical expertise and operational management to large-scale farming projects. It builds its turnover by exporting its services, know-how and qualified experts. FGM helps private investors develop and enhance their agricultural holdings through the use of innovative processes, as well as advanced and cost-saving technologies. With 35 years of international experience in challenging environments and more than 15 major, large-scale farming projects around the world in Sudan, Egypt, Saudi Arabia, Libya, Mali, Ivory Coast, Ukraine, Romania, etc., FGM has demonstrated its skills in designing, developing and operating center pivot irrigated farms.

The team is comprised of senior experts and bilingual farm and crop managers who work side by side in the field, developing innovative methods to increase production, while securing land assets and protecting the environment.

[www.expertfarmer.com](http://www.expertfarmer.com)



## Irriger

Founded in 2005 in Brazil, Irriger dedicates its activities to irrigation management and projects.

Irriger's goal is to implement the technical decisions including irrigation depth, high operational equipment performance, and control of energy and other irrigation process costs. It aims for productivity and profitability with a constant commitment to quality results.

[www.irriger.com](http://www.irriger.com)



## John Rasic Consulting

John Rasic Consulting (JRC) provides soil surveying, soil amelioration and land resource assessment services. Its main focus is on delivering practical solutions for existing and potential soil problems associated with particular land use, and providing programs for the ongoing management of soils for productive, income-generating purposes.

JRC's mission is to provide high-quality technical information that can guide rational decision-making and help you to achieve your goals.

[www.soilsurvey.com/au](http://www.soilsurvey.com/au)



## Valley Water Management

Valley® Water Management (VWM) draws on decades of experience from numerous large and small irrigation projects designed by its professional engineering and agricultural teams. It can provide a pumping solution to meet any need, from an individual motor pump to a fully customized project design or large-scale pump station.

VWM works in partnership with Torrent Engineering & Equipment Company, a world-class integrator of pre-fabricated pump stations, to provide the latest technologies and highest quality components to develop reliable and long-lasting systems. VWM pumping stations are custom engineered to meet the specific requirements of each project, which ensures your pump station is as efficient as possible and includes the features you want. This not only saves you money on the initial installation, but saves operating costs through the use of correctly sized pumps and components.

[www.valleyirrigation.com](http://www.valleyirrigation.com)



## Coface

Coface Group is the world leader in credit insurance, offering solutions to protect its customers from any non-payment risks domestically and in export. It helps companies build strong, durable trade relationships and contributes to the creation of a safe and sustainable environment worldwide.

Coface ensures trade transactions of 37,000 companies in more than 200 countries. In a close collaboration with its customers, Coface experts advise on each trade development step. It supports companies in assessing and preventing risks in order to make good, adapted decisions through credit insurance solutions, trade information, due diligence and debt collection.

[www.coface.com](http://www.coface.com)



## Valmont Irrigation

Valmont Irrigation founded the center pivot irrigation industry in 1954, and the Valley brand is the worldwide leader in sales, service, quality and innovation. With historical sales of more than 200,000 center pivots and linears, Valmont-built equipment annually irrigates approximately 10 million hectares around the world. It remains dedicated to providing innovative, precision irrigation solutions now and into the future.

For more than 30 years, Valmont Irrigation has been committed to the African continent with manufacturing facilities and a growing number of professional dealers specializing in irrigation.

[www.valleyirrigation.com](http://www.valleyirrigation.com)



# Trusted Partner



## Valmont Industries

**Valmont is the global leader**, designing and manufacturing highly engineered products that support global infrastructure development and agricultural productivity. Its products for infrastructure serve highway, transportation, wireless communication, electric transmission, and industrial construction and energy markets. Its mechanized irrigation equipment for large-scale agriculture improves farm productivity while conserving fresh water resources for future generations. In addition, Valmont provides coatings services that protect against corrosion and improve the service lives of steel and other metal products.

**As a premier solutions provider**, Valmont is well prepared to meet agriculture's growing demands worldwide. We have the leading global network of experienced dealers. We remain passionate about our products and the customers we serve. And, we are steadfast in our commitment to continuous improvement and to providing innovative irrigation solutions to help feed the world.

## Valmont Irrigation and Africa

Valmont Irrigation is positioned to support coming opportunities in Africa where only 4% of the cultivated land is irrigated. To meet these growing demands on the African continent, Valmont Irrigation is devoting more resources to the development of African markets. New research and development initiatives include wastewater irrigation solutions, variable rate irrigation, and mechanized irrigation for rice production. Understanding that a more holistic approach is needed for success in African agriculture, Valmont is embarking on new partnerships with investors, governments, aid organizations, farming organizations, universities and development institutions. Valmont Irrigation is also aimed at providing value-added support in mechanized irrigation where agronomic, farm management and irrigation expertise is needed.

## Our commitment to successful projects

Valmont Irrigation brings together, through the **AgSolutions Team**, experts in soil science, irrigation management and farm management.

**Our mission** is to ensure the success of mechanized irrigated projects by leveraging water resources, commercial farming management and knowledge transfer.

**Our objectives** are to offer an integrated approach consisting of:

- The most efficient design for your operation based on your field characteristics;
- Premium solutions (mechanized irrigation equipment, pumping stations, hydraulic networks, electrification, etc.);
- Higher yield and best economic benefits through farm and irrigation management, and empowering your people.



### Valmont SAU

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Valmont® Irrigation has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc. may have occurred after the publication of this brochure. Some photographs and specifications may not be identical to current production. Your local Valley® dealer is your best source for up-to-date information. Valmont Irrigation reserves the right to change product design and specifications at any time without incurring obligations.

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