



## ALTERNATIVE ENERGY

# EPC = Equity, Permitting, and Compliance

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We are committed to supporting our clients in developing cleaner, sustainable, and cost effective alternative energy sources. In the energy sector EPC commonly stands for Engineering, Procurement, and Construction. We provide the EPC before the EPC, namely Equity, Permitting, and Compliance. Support services range from raising capital, due diligence, environmental permitting through construction monitoring, and support services. Renewable energy generates electricity from sustainable sources with little to no pollution and less global warming emissions. These technologies include solar, wind, geothermal, biomass/biofuel, and battery storage energy.

NewFields works to procure required permits and maintain compliance throughout construction and operation. We support our clients from the beginning with the ability to bring capital to financially support a project. Services include:

- Strategic Project Development and Management
- Structured Finance and Project Finance Via Private and Government Sources
- National Environmental Policy Act (NEPA)
- Section 404 of the Clean Water Act Permit Planning and Management
- Endangered Species Act Permitting and Compliance
- National Historical Preservation Act Permitting and Compliance
- Electronic In-the-Field Data Collection on Smart Devices
- Geographical Information Systems (GIS) Data
- Agency and Client Communication

# How We Can Help

NewFields is known for customizing solutions to meet the unique challenges faced by our clients. We know that most projects do not fit neatly in a box. Below is a sample of services we provide for alternative energy projects.

## ■ Strategic Project Development and Management

Clients receive timely support in developing a comprehensive approach, market surveys, business opportunities, and partnerships. We offer access to key overseas decision-makers, including both political and business leaders across a wide spectrum of economic sectors, on the basis of long-standing, personal relationships grounded in mutual trust and respect.

## ■ National Environmental Protection Act (NEPA)

We are experts in the Endangered Species Act, Environmental Impact Statements, Environmental Assessments, Categorical Exclusions, and Determination of NEPA Adequacies and shepherding your projects through these processes.

## ■ Section 404 of the Clean Water Act

Including: Jurisdictional Determinations, Wetland Delineations, Wetland Restoration, and Restoration Compliance Monitoring.

## ■ Endangered Species Act Consultation

- Biological Assessments and Habitat Conservation Plans
- Weed Management Plans
- Restoration Plans and Compliance Monitoring
- Wetland Restoration Plans
- Desert Tortoise Surveys and Health Assessments
- Biological Construction Monitoring
- Migratory Bird Surveys
- Burrowing Owl Surveys and Monitoring
- Botany Surveys Including Rare Plants
- Cultural Resources Consultation
- Archeological/Cultural Surveys
- Archeological/Cultural Monitoring in Compliance with the National Historical Preservation Act (SHPO)

## ■ Permit Planning and Management

We create a matrix of the environmental permits required for the project. This ensures the client is aware of timelines and priorities, as many permits are contingent on other permits, as well as different agency approvals. We coordinate to expedite permit acquisition to support the project schedule.



# Case Study

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## CHALLENGE

In the early stages of construction, projects often encounter unusual and unexpected challenges. We maintain established relationships with federal, state, and local agencies that allow us to quickly and efficiently develop tailored solutions that satisfy both our clients and the agencies.

## THE APPROACH

**Case 1:** A threatened and protected species, the desert tortoise, established a nest on the major access road at a project site in southern Nevada. Any delay in hauling would delay the entire project, with significant costs. We obtained approval to construct a bypass around the nesting area through a federal corridor that day which allowed construction to resume and keep the project on schedule.

**Case 2:** A cultural artifact was discovered one morning during construction of a solar energy facility site. The rules state construction stops until the find was addressed. Although we were on site providing federally required biological monitoring, we immediately dispatched a senior Archeologist and coordinated with the State Historic Preservation Office and the federal land management agency and had resolved the situation before lunch! This allowed our client to maintain their project schedule.

NewFields experts maintain established relationships with federal, state, and local agencies to resolve unexpected challenges quickly and efficiently.


## The NewFields Difference

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NewFields has extensive experience working with federal, state, and local agencies on a wide variety of projects. This experience allows us to adapt proven strategies and find innovative and effective solutions. This depth of experience and long-term agency relationships allows NewFields to negotiate when unexpected events arise, saving the client time and money. NewFields supports acquiring client's permits and approvals efficiently, while anticipating and overcoming challenges before they become problems that impact budget and schedule.

***Let us help you with your next project and experience the NewFields difference!***

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**Since 1995** we have been providing businesses with practical and tactical expertise. We collect, research, refine and provide the actionable intelligence needed to resolve your complex business needs.

## About NewFields

NewFields is an environmental, engineering, and construction management consulting firm. We provide access to a global network of recognized experts and professionals who work together to resolve our clients' complex business needs.

Our talented staff is a diverse group of accomplished individuals, most of whom are senior level engineers, scientists, and specialists, who offer our client base both practical and strategic solutions.

We look forward to helping you achieve success and sustainability in a rapidly changing, interconnected world.



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