

## Rural Development



In response to the specific needs of communities and in line with government policies and plans, Cardno delivers programs that include improved access to training and resources in:

- ▶ Agricultural technology and natural resource management;
- ▶ Health care;
- ▶ Education;
- ▶ HIV and AIDS awareness and prevention;
- ▶ Alternative markets and income generation; and
- ▶ Physical infrastructure including bridges and transport, water / wastewater and sanitation.

A shared component of these programs involves equitable support and facilities for the specific needs of women and children in rural areas.

We offer wide-ranging experience in rural development, from innovative farming systems for smallholder farmers to complementary or diverse enterprise development.

Cardno's programs focus on all aspects of sustainable development providing services that involve rehabilitation, such as upgrading irrigation systems and community buildings, and re-establishing and developing new institutional arrangements for improved agricultural management.

Cardno undertakes design studies, introduces appropriate implementation approaches, methodologies and coordinating mechanisms, and assists with the identification of funding sources and financial investments to improve community access to better roads and facilities, financial services, employment opportunities, basic and micro-enterprise skills training, and socio-economic development.

We empower people to lead their own development and then work with implementing partners to facilitate an appropriate, collaborative and multi-disciplinary response to address community needs.

More than a billion people live on less than a dollar a day and about 70% reside in rural areas.

Cardno manages a range of initiatives that help to address the causes of poverty and work to support the sustainable development of rural communities.



### Market Development Facility

**Client** AusAID

**Company** Cardno Emerging Markets (USA)

The Market Development Facility (MDF) works through market facilitation, rather than direct intervention, to create jobs and increase incomes for poor households. It uses a Making Markets Work for the Poor (M4P) approach based on the idea that the poor do not need more handouts, nor do they need 'protection' from market forces. Rather, markets must become more resilient, transparent, and equitable, so that the poor benefit by participating in them. Key principles of this approach are:

- ▶ Understanding before intervening;
- ▶ Being flexible and entrepreneurial; and
- ▶ A relentless focus on results.

### Cambodia Agricultural Value Chain Program, Cambodia

**Client** AusAID

**Company** Cardno Emerging Markets (Australia)

CAVAC works to increase farmer incomes in the rice-based farming systems of Cambodia through accelerating the value of agricultural production. This market development initiative follows the value chain approach applied to rice-based farming systems. CAVAC works to stimulate value chains in three target provinces (Kampong Thom, Takeo and Kampot) to improve smallholder incomes sustainably by addressing key constraints. The value chains of targeted agricultural products, such as rice, vegetables and cassava, provide the core and unifying basis for program support. CAVAC has four components addressing key constraints within the sector:

- ▶ Agribusiness Development;
- ▶ Water Management;
- ▶ Research and Extension (managed by ACIAR); and
- ▶ Business Enabling Environment.

### Emergency Horticulture and Livestock Project, Afghanistan

**Client** Ministry of Agriculture and Irrigation, Government of Afghanistan

**Donor** World Bank

**Company** Cardno Emerging Markets (UK)

The project improved the production capacity of the horticultural and livestock sector, ensuring

that both the quantity and quality of Afghan produce was improved together with market channels for the produce. The project increased the aggregate export volumes, thus ensuring a positive impact on broad-based economic growth and poverty reduction in rural areas. The Project's three main components included:

- ▶ Increasing productivity and marketable output from perennial horticulture;
- ▶ Improving livestock output and increasing productivity; and
- ▶ Strengthening the associated MAI departments, implementing the project, monitoring progress and evaluating impact.

### Sri Lanka Road Sector Development Project Implementation, Phase 1-3

**Client** Ministry of Provincial Council and Local Governments / Southern Provincial Road Development Authority

**Company** Cardno Emerging Markets (Australia)

This Project provided assistance to four Sri Lankan Provincial Road Agencies with reorganisation, training and motivation of staff to undertake efficient and sustainable road maintenance. Cardno implemented the Project which:

- ▶ Upgraded technical and managerial skills;
- ▶ Implemented policies to achieve greater managerial, financial and technical efficiency; and
- ▶ Assisted with procurement of equipment, and, design and construction supervision of civil works.

### Production, Finance and Technology, Zambia

**Client** USAID

**Company** Cardno Emerging Markets (USA)

Using a 'Making Markets Work' framework, Cardno approached broad based systemic change by targeting high potential sectors; bringing together industry players to address systemic constraints; and ensuring that the responsibility for change remains with local stakeholders. The number of small farmers using sustainable, high yielding farming methods rose ten-fold.

- ▶ Cardno facilitated development of an agricultural commodities exchange, through which US\$70 million in trades have been transacted since its inception in 2007.

- ▶ Cardno provided technical assistance to the Bank of Zambia to facilitate nationwide, cell-phone based payment systems which has allowed smallholders in remote areas to participate in out grower schemes.

### Community Water Transport Project, Papua New Guinea

**Client** Papua New Guinea Department of Transport

**Company** Cardno Emerging Markets (Australia)

Cardno Emerging Markets, in association with CPCS Transcom, provides community development consultants to design, manage and coordinate rapid rural appraisals that will ascertain a community's need for water transport infrastructure. The consultants undertake planning and infrastructure needs assessments to support transport franchises. The Community Water Transport Project is:

- ▶ Subsidising and supporting franchises to provide water transport services to remote and disadvantaged communities;
- ▶ Supporting the development of economic infrastructure to allow traders to sell goods along major waterways of Papua New Guinea; and
- ▶ Restoring water transport infrastructure, improving small craft safety and assisting communities to maximise the benefits of improved water transport.

### About Cardno

Cardno is an integrated professional services provider, delivering specialist advice to create or improve physical and social infrastructure that underpins communities around the globe. Our team is comprised of leading advisors who plan, design, manage and deliver sustainable projects and programs.

### Contact

emergingmarkets.australia@cardno.com  
www.cardno.com/emergingmarkets