



## Development Alternatives

*delivering ecosolutions*

**Development Alternatives (DA)** is a premier social enterprise working in the field of sustainable development. Established in 1983, and headquartered in New Delhi, it has built up a global presence in the fields of economic development, social empowerment and environment management. It has also built up a strong reputation as a major innovator of clean technologies and delivery systems for sustainable livelihoods in the developing world.

The DA Group, often referred to as Development Alternatives, comprises of the Society for Development Alternatives (DA), Technology and Action for Rural Advancement (TARA), and its affiliates.

The Development Alternatives Group **envisions** a world where every citizen can live a secure, healthy and fulfilling life in harmony with nature. The Group's primary **mission** is to achieve its vision through the creation of sustainable livelihoods in large numbers. This would enable decent jobs to the millions of poor and vulnerable, provide meaning and dignity to their lives, enhance their access to locally produced goods and services in a clean and healthy environment. Our activities broadly cover the three primary areas underlining sustainable development processes:

- the design and large-scale dissemination of appropriate technologies,
- rational environmental management systems, and
- equitable people oriented institutions and policies.

The DA Group **focuses** on **empowering communities** through strengthening people's institutions and facilitating their access to basic needs; **enabling economic opportunities** through skill development for green jobs and enterprise creation; promoting **low carbon pathways for development** through natural resources management models and clean technology solutions.

The DA Group works at local, national and global levels. Its partners and clients include village communities and civil society organisations, local and state governments, agencies and ministries of the national government in India and networks, multilateral agencies and private sector institutions across Asia-Pacific and Africa.

Contact:

### Development Alternatives

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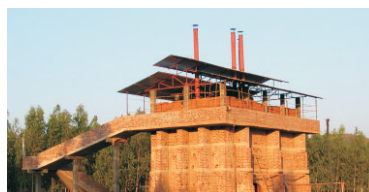
### Informed and Empowered Communities



### Clean and Healthy Environment



### Dignified and Viable Income Generating Opportunities



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# Building Green Futures

## Eco-roofs

### sustainable habitat for all

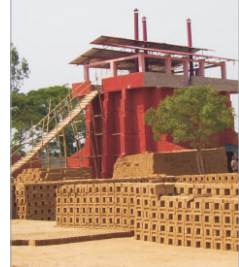
Over 500 TARA Micro Roofing tile enterprises deliver affordable and resource efficient roofs contributing to sustainable habitat solutions to over one million homes.



## TARA Eco-Kiln - decoupling

### natural resources from development

Ensuring reduction in coal consumption and carbon emissions by 30 to 50 per cent for firing of bricks – the TARA Eco-Kiln technology supports green enterprises and jobs to fulfill the growing demand for affordable eco-housing. Over 150 Eco-Kilns established.



## Fly-ash technology

### for greener homes and environment

TARA Machines is the leading technology provider for fly ash technology; it provides custom designed solutions. The company has developed the technology and machines based on scientific analysis and understanding of the waste materials. TARA achieves the desired strength of the fly-ash bricks with optimum utilization of fly ash and lime or cement, along with sand.



## Empowering communities driving green economy

Women collectives supported through institutional and technical services linked to economic activities based on local resources. Energy generated from dung of scrub cattle is powering small entrepreneurial action led by women in Bundelkhand, central India.

## Solar energy

### powered greener local economies

Facilitated by DA, community managed solar plants manage demand and supply of rural energy, provide electricity for domestic use and livelihood creation.



## TARA handmade paper

### saving forests

Green technology is employed to recycle waste into paper. More than 400 mini paper units are being operated in schools and institutions, saving 7000 trees per year, each tree capturing 2000 tonnes of carbon emissions annually.



## Sustainable agriculture

### adaptation to climate change

Introduction of climate smart sustainable agricultural practices in over 20,000 hectares in Bundelkhand, central India, help farmers adapt to climate change, conserving natural resources resulting in improved yields and economic returns.



## Check dams

### water for all for always

125 check dams in Madhya Pradesh and Uttar Pradesh set up by DA ensure water security and irrigate more than 1,00,000 hectares of land enhancing livelihoods of over 70,000 farmers and livestock rearing families across 250 villages of Bundelkhand.

## Jal TARA filters

### safe water for all

Slow sand filters for public and domestic use provide clean drinking water for village homes and schools.



## Shubh Kal

### ready for tomorrow

A risk communication and climate adaptation campaign empowering the most vulnerable rural communities of women, farmers and artisans to understand and cope with the changing climate across 200 villages of Bundelkhand.



## CLEAN-India

### promoting green lifestyles

A powerful environment action movement, with a network of over 1.25 million children, schools and communities. Environment actions by children and youth promote green lifestyles and urban environment improvement.



## Low Carbon Cement

### enabling the planet to breathe

LC<sup>3</sup> is at par in quality and durability of the cement being used widely for construction at present. Its unique selling point is its substantial reduction in use of natural resources, less use of energy. This has been possible by reducing the clinker content by upto 20% and replacing the same with low quality china clay and unused natural deposits of low-quality (non-cement grade) and China clay.

## TARA Akshar+

### from literacy to self reliance

A functional literacy innovation teaching rural women how to read, write and do basic arithmetic in just 56 days. More than 1,50,000 women have been made literate in the last four years.



## Radio Bundelkhand - informing communities to change behaviour

A partnership between DA and the rural communities of Orchha - Radio Bundelkhand is not only a source of entertainment for rural families in their own language, but a tool of empowerment - a platform to share stories, share experiences and solve problems. Jointly managed, the community radio creates awareness and generates demand for development services.

