

Affordable Solutions

Meeting Basic Rural Needs

Additional Applications

Sahel Automotive

Transformation Through Transportation™

Agriculture -

- Transport of produce to market
- Delivery of seeds, fertilizer, etc.
- Raking, Harrowing, Planting, Harvesting
- Application of pesticides and fertilizers



Education -

- Transport of rural students to neighboring villages
- Village access to market town Secondary Schools
- Create rural education and training infrastructure
- Delivery of supplies
- Transport of teachers



Medical Transport - Efficiency saves lives

- Transport of medical supplies, staff, patients
- Use as rural ambulance
- Reduce isolation by linking villages with towns
- Creation of medical infrastructure



Pest Suppression -

- Transport and application of locust & mosquito suppressants
- Improve pest suppressant infrastructure
- Improve operation in difficult terrain
- Substantial savings compared to tractors or pick-up trucks



Forestry & Mining -

- Dededesertification
- Transplant seedlings
- Survey & Patrol



Urban Transport -

- Sanitation
- Relieve congestion & reduce accidents
- Delivery



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* Photo courtesy IAT— www.drivebuvo.com

Our vision is to affect **transformation through transportation**, via growing enterprises that help to alleviate systemic poverty by providing sustainable opportunities for **economic betterment and social advancement**.



What if ...

- farmers had better access to market, seeds, and fertilizer for their crops?
- ... and rural children had more effective transportation to schools?
- ... and villagers had greater access to medical supplies and services?

Things might be really different...

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The Missing Link:

Many inhabitants of rural areas ... lack adequate and affordable access to transportation infrastructure and services. Poor access to transport constrains economic and social development and contributes to poverty.

Better transport services can stimulate economic activity and social improvement, leading to easier access and a virtuous circle that **reduces poverty**

Village Transport



Over Undeveloped Roadways



To Access Market Towns



Sahel's **BUV** - the Missing Link

Buster[™]



Sahel Automotive is pursuing the manufacture of affordable, **basic utility vehicles (BUV)**, in Africa, to **fuel progress and economic growth**.

More than 50 percent of the rural villages in Africa have limited or no access to **affordable, efficient transportation**, Sahel's BUV can help to eliminate this significant obstacle to growth.

Incentives like the World Bank's 1996 Agricultural Sector Adjustment Program led to agricultural revival by boosting the production and availability of horse carts. **The BUV** is just as revolutionary—but ... **more productive, more cost effective** per kilometer and **more versatile**.

Sahel's vision, however, extends beyond its product to the next leap in Africa's **sustainable transformational development**

Fueled by Access

In Africa's market towns villagers can:

- **Sell their produce** for local consumption or access truck transport on developed roads to larger urban centers.
- **Purchase factors of production** (seed, fertilizer, pesticides, etc)
- **Access Educational & Healthcare Services:** secondary schools, training centers, medical and dental clinics, medical supplies, transport to urban center facilities

Practical & Robust



The **BUV** is designed to meet the transport challenges in developing nations

Specifications:

- Multi-functional—versatility & flexibility for a wide range of applications
- Easy & affordable maintenance and operation
- Excellent performance in sand and mud
- ¾ ton payload
- 23 miles per hour
- 70 miles per gallon
- Diesel engine for better fuel efficiency
- Affordable - ~Half the cost of hauling with a horse and cart

Field Data:

- 80 BUV's serving in 19 countries
- Excellent performance in difficult terrain

IAT Field Quote:

"Our BUV gets stuck much less than our 4x4 Range Rover...if the BUV does get stuck, it's easier to rescue".

Congo Helping Hands