



Low Smoke Fuel

The use of coal and biomass for household heating and cooking is recognised to be a major threat to people's lives across the world. A process has been developed that can transform waste ultrafine coal into a valuable low-smoke fuel which could be supplied to the domestic market at a price similar to that of coal. This fuel could help reduce the amount of localised air pollution in households and particularly in black townships.



Advantages

- Mitigates effects of negative air pollution
- Earning foreign revenue, through exporting displaced coal consumption from household market

Market Application

Energy sector and other natural resources industries.

Opportunities

- Investment
- Partnership
- Distribution

Development Status

TRL 4: lab demonstration.

IP Protection

A substantial number of patent applications have been filed and granted in relation to the energy process including production of algae.

NELSON MANDELA
UNIVERSITY

T +27(0) 41 504 4309
innovation.mandela.ac.za

innovolve
creating mutual value

T +27(0) 41 504 4309
innovolve.co.za

technology innovation
AGENCY

T +27(0) 12 472 2700
tia.org.za