



## NATIONAL LEATHER AND LEATHER PRODUCTS POLICY



- The first stand-alone leather policy, National Leather and Leather Products Policy was spearheaded by NILEST and some MDAs, NGOs, Private and International Organizations.
- The Policy was approved by FEC under the chairmanship of Mr. President, Muhammadu Buhari on 31<sup>st</sup> October, 2018.
- The Honourable Minister of Science and Technology, Dr. Ogbonaya Onu, on 12<sup>th</sup> March, 2019, inaugurated the National Steering Committee for the development of the National Leather Policy implementation plan and the coordination of Plan.
- On 6<sup>th</sup> of July, 2021, the Vice President of Federal Republic of Nigeria, His Excellency, Prof. Yemi Osinbajo, GCON, formally launched the National Leather and Leather Products Policy Implementation Plan.







Table 1: Physicochem	s characterized in table 1. vical Properties of Tannerv Ef	fluent	
Parameters	Effluent	Standard	
BOD (mg/l)	4464	30	
COD (mg/l)	12840	250	
TDS (mg/l)	21300	2100	
TSS (mg/l)	1250	600	
DO (mg/l)	2.72	4.5	
EC (µS/cm)	42500	1200	
pН	8.3	5.5 - 9	
Cl- (mg/l)	13.8	1000	
bb	17.1	5	
Cr (mg/l)	10.348	2	
Zn (mg/l)	1.5241	1	
Ni (mg/l)	0.1513	3	
Na (mg/l)	12006	nm	
Pb (mg/l)	0.1818	0.1	
Fe (mg/l)	14.675	10	
Cu (mg/l)	0.4112	0.1	
Cd (ma/l)	0.0046	2	





- It involves the synthesis of such waste mostly under anaerobic conditions.
- The composition of the bio-gas, is about 70% methane (CH<sub>4</sub>) and 29% carbon dioxide (CO<sub>2</sub>) with insignificant traces of oxygen ( $O_2$ ) and hydrogen, carbon monoxide (CO), nitrogen ( $N_2$ ) and sulphide ( $H_2S$ ). Methane gas is a good source of energy for combustion both for domestic and industrial heating and electricity generation.
- The energy is sustainable, economic and environmentally friendly compared to energy from fossil fuels.
- Also, the byproduct (digestate) can be used as bio-fertilizers in agriculture.



or anaerobic conditions for microbial/enzymic immobilization engaged in the generation of biogas. The reactor must meet certain operating conditions necessary for optimal performance. Such operating conditions include; temperature, PH, agitation, biochemical kinetics, aeration, concentration of microbes, rheology, form of feeding, carbon/nitrogen ratio, hydraulic retention and mixing ratio amongst others.





