



COMESA/ALLPI Annual Regional Consultative Forum 2018 – Port Sudan - Sudan





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Leitmotif:

Environmental Standards are an essential must
for every company committing to the (leather)
future!!



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Gruppo Biokimica



gruppo
Biokimica
.com



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- **COMPANY DNA**
- **Gruppo Biokimica** is the most significant Leather Tech Company in the heart of Italian leather making – Santa Croce Sull'Arno – Tuscany. The result of 40 years of hard work, dedication and passion to leather making and technology. **Italian style and technology** are reference points for all tanners in the world and **Gruppo Biokimica** is the key of this concept.



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The Frame Work

ETHICAL CODE

PARTNER of «Made In ITALY»

GROUP CERTIFICATIONS

PRODUCTS

PACKING

ENERGY (usage & saving)

WORK PROCEDURES



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ETHICAL CODE

Respect

Honesty

Transparency

Confidentiality

Health & Safety (in workplace)

Labour Relations

Fair Competition



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PARTNER of «Made In ITALY»

**Italian Companies of Excellence in
Footwear; Leathergoods; Garments;
Automotive**



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GROUP CERTIFICATIONS

EN ISO 9001 (2015)

Only standard in the family that can be certified. Ensures that customers get consistent, good quality products and services



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GROUP CERTIFICATIONS

EN ISO 14001

Provides practical tools for companies to manage their **ENVIRONMENTAL RESPONSIBILITIES**. Think of labelling and Life Cycle Analysis and Environmental challenges (Climate Change)



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GROUP CERTIFICATIONS EN ISO 50001

Supports companies to use energy more efficiently, through the development of an Energy Management System (EnMS).

- Development of an Energy policy**
- Fix Targets**
- Data collection**
- Measuring**
- Continous improvement (of Energy Management)**



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GROUP CERTIFICATIONS

OHSAS 18001 –

Occupational Health and Safety

International Standard providing a framework to
identify, control and decrease risks associated
with Health & Safety within the workplace



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GROUP CERTIFICATIONS

SA 8000 –

Social Accountability Standard

Social certification to demonstrate dedication to
fair treatment of workers.



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PRODUCTS

A (growing) assortment of Products that meets the requirements of:

MSRL = Manufacturing Restricted Substance List

ZDHC = Zero Discharge of Hazardous Chemicals

Due to continuous efforts this Assortment is growing and added to the range for tanners, which are following this approach. Frequent presentations and invitations to get awareness of this (mostly in Italy today). These conditions are very close to the rigidly defined and controlled conditions of REACH (Registration, Evaluation, Authorization and Restriction of Chemicals)



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PRODUCTION OPTIMIZATION

Optimization of time and raw materials in order to reduce both factors as much as possible. Modulated products that cover the totality of tanning process:

- Beamhouse
 - Tannage
- Re-Tannage
 - Dyeing
 - Finishing



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PACKING

Usage of suitable containers made of plastic, metal and paper. Approved ADR packages which guarantees re-usage but NOT re-cycled!

Re-usage of drums and (1.000 L) cubes after cleaning (only in local market).
Introduction of RainSafe Paper bags to reduce plastic bag usage. Controlled discharge of used packages. Using packing which is accredited with PEFC and FSC.

PEFC = International Forest certification system. To develop sustainable forestry in relation with production, environment and social interests

FSC = Promotes the management of the world's forests in an appropriate manner for the environment, socially useful and economically sustainable.



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ENERGY

Energy consumption, particularly electric, minimized by using latest generation plants with energy saving, such as inverting motors.

Usage of superheated steam by methane burners in combination with heat exchangers in closed circuits.
Installation of solar and photovoltaic panels to produce clean energy



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WORK PROCEDURES

The Work Procedures (Production, Maintenance, Cleaning) comply with National and International regulations concerning «Worker Safety and Environmental Protection»

Following Legislative Decree 81/08 concerning «Protection of Health and Safety in the Workplace»



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Our special thanks and appreciation go to both Afrotan Tannery – Mr. Robert Loga and the NLTC (National Leather Technology Center) – Dr. Haytham Osman Awaldelkareim and his technical team. Afrotan Tannery supplied us with both wetblue and pickled material for the workshop in NLTC and NLTC supported us in each and every way to conduct successful trials and the subsequent presentation on Metal Free (Pre)-Tannage Systems

Eric Robert Themmen – Export Management



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**Gruppo Biokimica thanks you for your
attention and invites discussion and
opinion sharing with the stake holders!!**

**Eric Robert Themmen – Export
Management**