



## Transforming the Leather Processing Industries Towards Low Emissions and Climate Resilient Development Paths in Pakistan

### PROJECT BRIEF

The Karachi tanning industry, centered in Korangi with 120 operational tanneries, faces challenges in solid waste management within the Korangi Leather Area (KLA), impacting material reuse. This area is pivotal to Pakistan's leather industry, a key contributor to the country's GDP through exports to the EU, North America, and ASEAN. To meet global environmental standards, KLA tanneries are adopting sustainability measures and gaining certifications to reduce GHG emissions. The "Transforming the Leather Processing Industries towards Low-Emissions and Climate-Resilient Development Paths in Pakistan" project, funded by GEF and implemented by UNIDO, aims to enhance the global competitiveness of Pakistani leather products. It focuses on establishing a robust waste management system, introducing tools like Corporate Carbon Footprint (CCF) and Leather Environmental Footprint (LEF), and building stakeholder capacity in emissions reduction, marking a significant leap in sustainable development.

### OBJECTIVES

The overarching objective of the project is to bring a transformation in the industrial processing zones with the Sindh Province by promoting the extensive adoption of low carbon technologies.

### PROJECT TARGET

- Contribute to the support of integrated approaches with significant climate change mitigation measures;
- Promote technologies with transformational power, innovation, technology transfer, supporting policies and strategies;
- Demonstrate mitigation measures with systemic impacts;
- Foster enabling conditions to mainstream mitigation concerns into sustainable development strategies;
- Promote the acceleration of low-emission technology innovation and uptake through demonstration, deployment, transfer using policies and mechanisms;
- Collaborative initiatives with stakeholders to adapt technologies to user needs.

### PROJECT BENEFICIARIES

120 Leather Tanneries in  
Korangi Area, Karachi, Sindh Province, Pakistan



#### ASIA



#### GEOGRAPHICAL COVERAGE

### PAKISTAN



### DURATION

2019-2024



### TOTAL BUDGET

USD 2,000,000



### FUNDING

The Global Environment facility (GEF)



### PARTNERS

Pakistan Tanners Association, Southern Zone Environmental Society, PTA  
Ministry of Climate Change, (MoCC),  
Govt. of Pakistan  
Sindh Environmental Protection Agency



### CONTACT

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## PROJECT ACHIVEMENTS

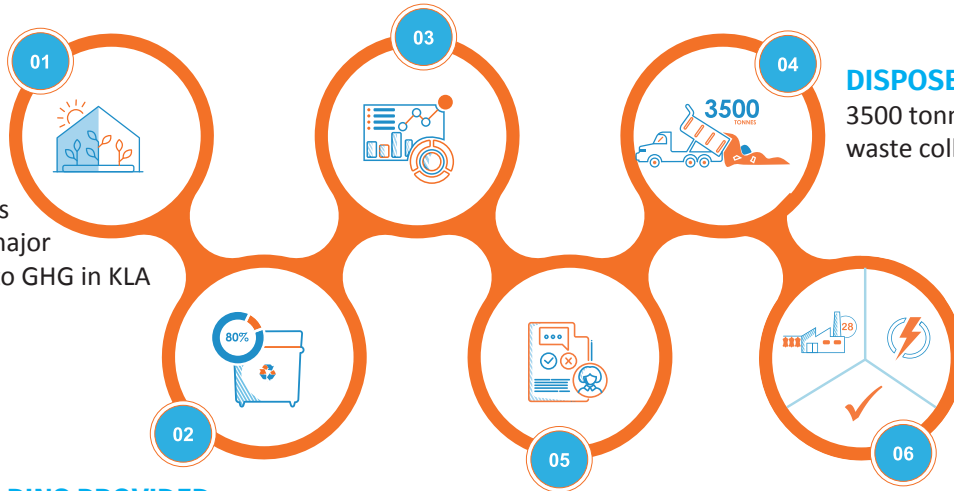
### GHG EMISSION

#### DASAHBOARD DEVELOPED AND PROVIDED

UNIDO's online platform for technical advisory and training support accessible for students (NED and Bahria University Environment Sciences)

#### GHG EMISSION REDUCTIONS

Proper disposition of solid waste has been a huge factor in GHG emission reduction as this was one of the major contributing factors to GHG in KLA



#### BINS PROVIDED

250+ 0.8 m<sup>3</sup> bins and 40+ 5 m<sup>3</sup> bins have been procured with quality at par with Santa Groce and Argiznano Italy.

#### COMPLAINT AND REDRESSAL SYSTEM

The tanning industry of Karachi is primarily concentrated in Korangi since most of the operating tanneries are located there.

#### DISPOSED

3500 tonnes per year waste collected

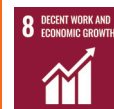
#### ENERGY AUDIT

Efforts were also made to help tanneries become energy efficient through free energy audits and cost comparative analysis that help minimize carbon footprints

## WORKING TOWARDS THE SDGs



**Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**



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