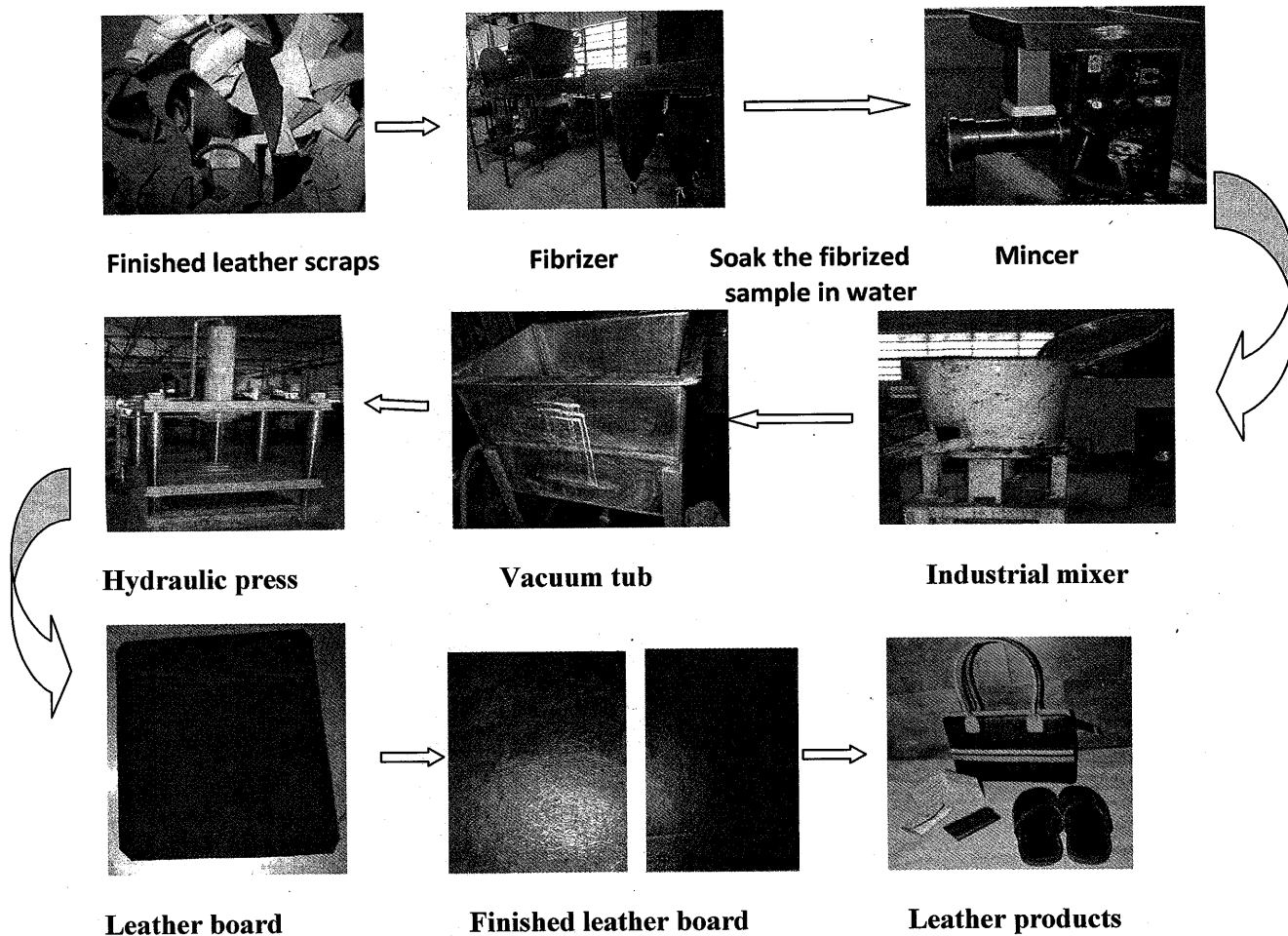


### Various steps used in the preparation of RGL



Presently there is no technology for the proper utilization of leather waste, and we do not also find any consumer items in the market prepared using the waste leathers. The process for the preparation of RGL is simple, cost effective and it exhibits good physico-chemical properties that are suitable for preparing light leather goods items. This technology will not only help in the disposal of solid leather waste but value added products can be prepared. This technology can be adopted by the tanneries and small scale industries.

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Leather scraps used as raw materials for the preparation of RGL. These waste were collected from shoes manufacturing and leather products industry. Equipments like fibrizer, industrial mincer etc were used for processing these leather scraps into RGL. All these equipments and machinery are available in CLRI.

- Approximately 20-30% leather is wasted in the leather products industries like shoe and garment manufacturing industries
- CLRI has developed a process for the conversion of this waste into regenerated leather (RGL)
- Using RGL, consumer items like Wallets, key chain holders, bags, chappal uppers, suitcase covers and light leather items can be prepared
- These materials are cost effective, by conversion of waste to wealth and reducing environmental pollution