

## Logical Framework for the project

### LOGICAL FRAMEWORK

	<b>Intervention logic</b>	<b>Objectively verifiable indicators of achievement</b>	<b>Sources and means of verification</b>	<b>Assumptions</b>
<b>Overall objectives</b>	<i>Contribute to the development of small and medium sized tanneries with regard to their environmental impact. Research, develop and apply technological solutions reducing the environmental risk. Raise awareness of tanneries on EU equipment &amp; financing. Work with governments and local authorities on regulations. First stage in Ulaanbaatar, Asia wide dissemination.</i>	<i>Number of tanneries involved. No. of technological solutions described and installed. No. of EU firms represented in workshops, technology exported. No. of institutions contacted Asia wide, their reactions Involvement of stakeholders</i>	<i>Project data base of contacts Research reports, articles Reports of project to EU Data from participating firms Traffic monitor of dedicated web portal, discussions, emails Workshops reports</i>	<i>Tanneries cannot easily access technology or finance due to lack of business links to companies &amp; banks. Demand for leather products increases. Quality of hides and skins increases. Governments impose regulations on environmentally hazardous production.</i>
<b>Specific objective</b>	<i>Pilot study of existing pollution and its main sources. R&amp;D of technological solutions for pollution removal and process improvement. Build capacity to prepare bankable projects. Match tannery owners with EU suppliers. Establish centre to support leather sector sustain. development. Apply&amp;dissem. innovations</i>	<i>Research reports, articles Number of tanneries obtaining equipment or finance from EU Number of EU suppliers matched with Asian partners. Number of registered clients of the centre. Technology installed and environ. impact measured.</i>	<i>ISI Web of Knowledge Reports of project to EC EU suppliers attended workshops &amp; meetings EU trade associations Export credit institutions Project web portal</i>	<b>External factors:</b> <i>Corruption and immature business environment, lack of experience in business project preparation.</i> <b>Risks:</b> <i>There are technical, management &amp; financial project risks which may affect viability after selection of bankable proj.</i>
<b>Expected results</b>	<i>Innovative technological solutions reducing env. impact of tanneries. Technology demonstration and study of its effectiveness. Data mining evaluation. Selected tanneries receive financing and buy technology from EU suppliers. Centre opened to ensure sustainability. Web portal created explaining problems.</i>	<i>No. and quality of solutions. Number of tanneries with the technology installed. Quality of data mining reports to EC, scientific papers, articles. Tanneries obtaining EU financing Number of tanneries receiving other concrete follow up services.</i>	<i>Comparative study measuring effects of innovative solutions. Project reports to EC reaction of scientific community, citations in longer term horizon Database of the centre clients</i>	<i>Tannery owners must stay motivated to reduce env. impacts of their company. EU bankers need to be convinced that risks are reducing in Mongolia. Mongolian tannery owners need to improve capacity to plan &amp; present projects to suppliers &amp; banks.</i>
<b>Activities</b>	<i>Pilot env. study, detailed analysis of problems, R&amp;D of innovative technolog. solutions, awareness rising, capacity build. workshops with stakeholders, negotiations Installation and demonstration of tech. comparative env. study, impact evaluation Building the centre, creating web portal with case studies, dissemination.</i>	<b>Means:</b> <i>Set up of proj. management team Set up R&amp;D project team, memb. familiar with env., workshop fam. Training staff of the centre on bankable requirs, feasibility stud. Stakeholders to understand proj. Selected Follow Up actions</i>	<i>Progress reports (web portal) Reports on costs of actions.</i> <b>Costs:</b> <i>Cost of Management Team Meetings, workshops, training Cost of travel to Asia, EU R&amp;D of technology, demonstr.</i>	<i>The action can be implemented without the governmental support, however we are encouraging Governments to support our activities to heighten the awareness of the action and the governmental pressure to respect law on water and env. pollution, otherwise facing sanctions, might be highly beneficial.</i>