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*for a sustainable future*

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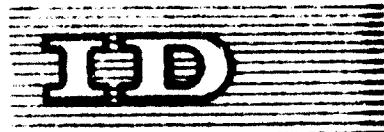
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Workshop on Leather Industry Development  
in Developing Countries

Vienna, Austria, 27 August to 1 September 1973

STATEMENT

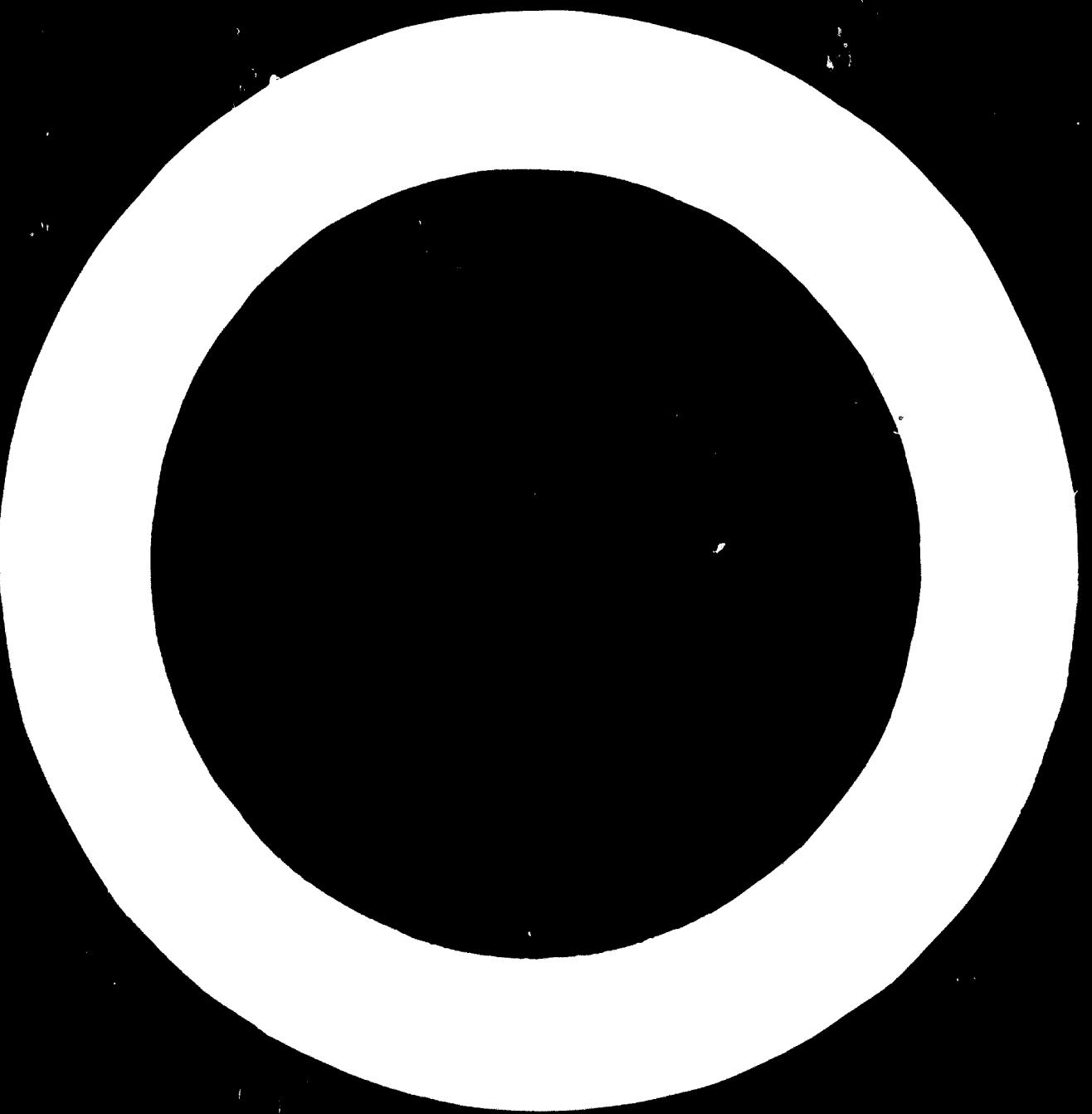
ON THE SITUATION OF THE LEATHER INDUSTRY IN  
ISRAEL

presented by

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Allow me to begin with some historical remarks:

The tanning industry is one of the oldest in the Holy Land and in the whole Orient. Thus we find in one of the earliest records of written history - the Bible - right after the expulsion of Adam and Eve from the Garden of Eden, the words: "And the Lord God made for Adam and his wife garments of skin, and clothed them." It is hardly imagined that the Lord would have clothed Adam and Eve's naked body in a raw animal's skin, were, such proceeding most have taken place.

From sources written several hundred years B.C. we learn that Jerusalem tanners were requested to carry out their business at a special place, outside the settled town area which, I suppose, must be one of the first measures taken by man to cope with ecological questions.

The leather scrolls on which the Holy Scriptures were written. The remains of ancient garments and leather footwear which have been preserved until these days, point to the high level of skill tanners had reached already at Biblical times.

#### I. The progress in the last twenty years

Turning to modern Israel, we find a rapid development of the tannery which took its start in the early 50's. Since then, output has grown more than tenfold, and the number of industrial workers is four times that of 1950/51. The question that interests us here is: what is the tanners' share in this development. Statistics prove that during the twenty years from 1951 till 1971, the output of sole leather and leather for lining has increased about eight times, from an annual two million, three hundred thousand to 18 million sq. ft.

The number of workers in this branch has risen from an average of 200 in 1950, or more than three times.

The output of sole leather has remained fairly static: 70,000 tons per year. On the other hand we have a production of 4 1/2 million sq. ft. of garment leather, an industry which in 1951 was practically non-existent.

#### II. The various factors that had an influence on the branch

Statistics show that the development of the tanning industry has not kept pace with the general progress of Israel's industry.

There are a number of reasons for this:

All industries - and this is true for all countries in the world - strive to become

- Ix To develop the leather and the tanning industry there are two main approaches. They are therefore in a field of natural resources development and extraction. Further, we limited in every economy.
- It seems to be that to take this perspective has largely been to point, the tanning industry is given a disadvantage.
- a) One reason is that it is a very capital intensive plant. It needs a large number of heavy constructions in a factory which is required to have plants to work on anything, above all in the oil domain where there is a lack of infrastructure which cannot be done by themselves. This makes it difficult to establish a tannery, particularly among people of the young generation who prefer to work in a cleaner and more comfortable trade than that of a tannery.
  - b) The second reason is that the starting tannery does not offer high profits to the investors because tanning is only one stage out of an extended production process that leads to the finished leather product. Therefore it is obliged to make all negotiations in the quantity and prices of supply and demand based on having much share and profits both with the supplier of the raw product and with the manufacturer of the finished product. For this reason, the profits which the government may expect from a tannery is fairly modest.
- Moreover, those responsible for economic development - from the central policy makers down to the local councils (which have to approve the setting-up of a tannery in their area) are not too keen on helping in the arrangement of the tannery.
- The main reason for this attitude lies in the factor of environment which has gained in importance during recent years. Now industries cause a much pollution of environment as the tanning industry. The extensive use of chemicals and their necessary discharge into the greatest systems; the quantities of hair, fat and other refuse left over from the first stages of processing do not help to enhance the image of the industry in the eyes of the public. Large sums of money are necessary to prevent pollution, and since these investments are not to be directly connected with profits, they too tend to lower feasibility.
- c) In Israel we have our special problems. On the one hand the serious shortage of water in our country which is allocated to a certain system. On the second we have very small supply & locally produced raw leather.
- Locally produced leather is not good since there is less of the quality required by our

c) tanneries which is partly explained by the weathering process and the lack of pasture land. The proportion of leather to raw material is about 10% and the rest is mainly the cost of transport of the materials.

Also the industrialized countries demand specialized and high quality types of leather from tanneries.

In spite of all these handicapping factors which is now acknowledged, the last 20 years have brought an impressive expansion of the leather industry, especially increasing demand from the consumers' side.

With the rapidly rising demand for and with the encouragement of the export of finished leatherware, local tanners were increasingly put under pressure to increase their output for the leather-processing industries. So far in 1951, domestic consumption of footwear of all kinds was about one and a half of 1.5 million pairs, the corresponding figure for 1952 was 10 million. A similar situation in the consumption of leather goods. At the same time the leather garments industry developed into a flourishing export business which started in the early sixties. Within a few years time, the Japanese factories succeeded in gaining a respectable place on the world market. Although the import of cheap skins has been no problem - at least until the last 2 years - it is one of the domestic difficulties for leather garments bore pressure on the tanneries to increase their output. The leather garments industry had not only an effect on the expansion and the volume of output of the tanneries but also on the quality of the materials. In addition to the growth of employment from local tanners, due to the export market is also linked with exports industry. Since the leathergoods manufacturers have the intention to compete with the local tanneries, especially those in Israel (which is forced to import 90% of its leather), in order to compete with experienced and well-established technicians abroad.

#### The present situation

The impetus which the Israeli tanning industry received as result of the described situation, led to the establishment of some forty tanneries. Three of four among these are medium-sized plants that employ about fifty people and produce between 20 to 30 million sq. ft. per year. The two biggest tanneries are relatively new enterprises, located far away from the regions where most of the industry is concentrated. Ten of the 40 tanneries employ up to twenty people and the remaining are smaller enterprises. A breakdown of the domestic annual output shows:

for production, e.g., 1000 m<sup>2</sup> of leather costs 1.5 million shekels for fur-trimmed leather, 1.2 million for ft. of fur-trimmed leather, 1.0 million for ft. of leather, 0.8 million for ft. of leather-garments; leather can be produced at a cost of 1.5 million for leather-garments.

### 3. Manufacture of leather items.

The manufacture of leather items is a very important industry, but it costs a great deal.

Leather products of this type, especially those which usually requires an additional treatment, such as leather for lining, leather for shoes, leather garments, leather for hats, etc., cost about 1.5 million per ft. for leather garments, 0.8 million for leather for hats, etc.

This type of leather products is the result of a leather which undergoes a vegetable process or chrome process. In this, powdered sheep leather for lining, cow and sheep skins, garment leather, leather for hats, and leather of cow and chamois leather. The technological standards of these leather materials are furnished throughout with the latest drying, dying, tanning, and leather equipment.

Today, the majority of large-scale units need more attention to the development of the leather department. However, this will also require support from the government to increase its output which is still far below of the proper discharge of wastewater according to regulations, and is largely a danger to environment. This, of course, increases the cost of treatment, but is a necessary condition for any investment in leather.

It is worth mentioning that the leather industry is trying to set up this Survey: The central laboratory to be formed, relating lumber and leather in a joint pass - that supply the requirements of Israel's leather manufacturers. Such development will go together with the increase of the consumption of leather products, particularly the growing need for Israel's shoe export.

"development of a leather and leather products for the manufacture of leather for the leather leather-garment industry - provided that these tanneries comply with the sanitary conditions I have mentioned."

Special stress is laid on investments which are intended to improve the quality of the product (which is expected to quality control), production of finished leather. Further, on investments which help to prevent pollution. They plan that will be naturally limited to the areas of the land which supplies local tanners with raw materials. It should be noted that Israel's leading authority depends almost exclusively on imports of leather. Therefore, if we do not import a large amount of hides in the future, there will be serious difficulties, as can be seen, in the leather culture.

obstacles in the supply of the needed quantities. Thus the only question that remains is that of the price for the raw product. We look constantly for additional sources of supply with a view to reduce the amount we are paying for import.

There are also several plans for plants to utilize the by-products from the tanneries. The problem is, however, not an easy one. Since the whole output is not too big, the quantity of by-products is also relatively small. It is therefore questionable whether an investment in the utilization of these materials is profitable from the economic point of view.



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