

**Production line for the manufacture of pulp from hemp as a starting material for synthetic materials such as artificial yarns, injection moulded products (moulds), composites**

<b>Straw storage hall</b>		Purchase of a warehouseEUR 300,000
<b>Bowl mill</b> , pulverisation from the ceramics industry	<i>Mechanical</i> part of the pulp mill	Used EUR 100'000
<b>Batch extractor</b> for the separation of cellulose	<i>Chemical</i> part of the pulp mill	Packtin Sarl (I) EUR 1'000'000
<b>Centrifuge</b> after extraction		EUR 200'000
<b>Hot air dryer</b>		UsedEUR 50'000
<b>Precipitation and filtration plant for the recovery of pectins</b> from waste water	Basin, filter, inlets and outlets	EUR 200'000
<b>Location, factory building</b>		Acquisition Bofil, RütliEUR 1,000,000 MaintenanceEUR 1'000'000
<b>Operating loan for start-up phase</b>		EUR 900'000
<b>Total capital requirement</b>		MachineryEUR 1'550'000 BuildingsEUR 2'300'000 Working capitalEUR 650'000 <b>TotalEUR 4'500'000</b>

**Artificial yarn spinning as an additional module**

<b>Extruder, spray nozzles</b>		Heberlein, WattwilEUR 1,000,000
<b>Cymbals, bobbin winder</b>		EUR 500'000
<b>Total additional capital requirement</b>		<b>EUR 1'500'000</b>