Sustainable Recycling of Textile Waste: Design of Eco-Socks in Monte Caseros, Corrientes

Universidad Tecnológica Nacional, Facultad Regional Paraná, Electromechanical Engineering Department, Inglés I.

Members of group: Paolo Maldonado and Martin Paniagua. Year: 2022

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INTRODUCTION

Name: Paolo Maldonado

Age: 22 years old

Place of birth: La Paz, Entre Rios



Occupation: Electromechanical Engineering Student





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PICTURES THAT DESCRIBE THE PROBLEM.

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IDENTIFICATION OF THE CONSEQUENCES

SOLUTION TO THE PROBLEM

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Name: Martin Paniagua

Age: 22 years old

Place of birth: Monte Caseros, Corrientes

Occupation: Electromechanical Engineering Student

Work history: Employee in a Textile Company





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THE PURPOSE









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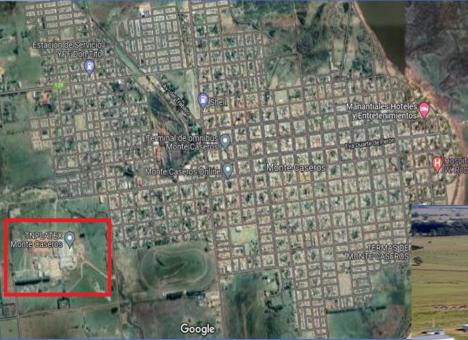
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Location of TN Platex



The company premises





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Shelves





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Production Area



Sock Production Machines





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Pipeline



Scrap Chamber





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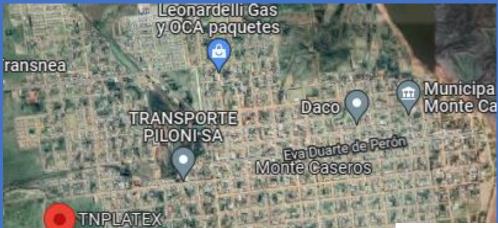
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Map of Industries in Monte Caseros



Logo of the Textile Industry in Monte Caseros







Somos una Data Company Industrial



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Daily Control of the Production



Faulty Socks Discarded as Textile Waste





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Scrap Chamber



Inside of Scrap Chamber





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Fabric Scrap





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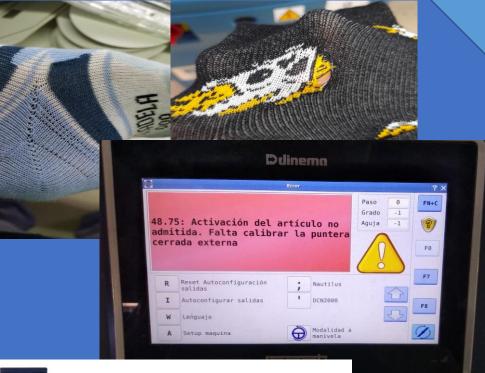
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THE CAUSES



Machine failures



> Article change





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THE CONSEQUENCES

Wasted space



> Environmental fine



Soil pollution





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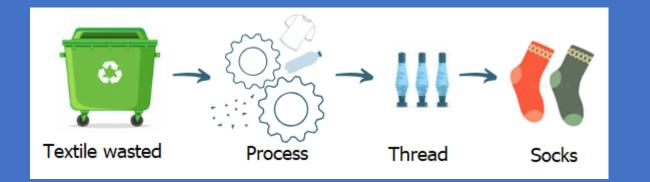
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Textile Waste Recycling Machine



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1. Analysis



Factors to Evaluate









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2. To Work







Pipeline



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3. Train the Employees





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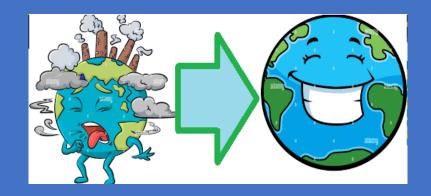
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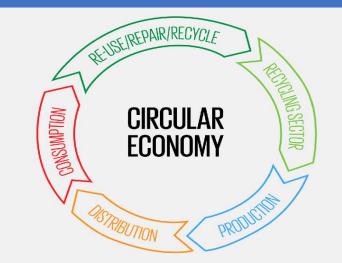
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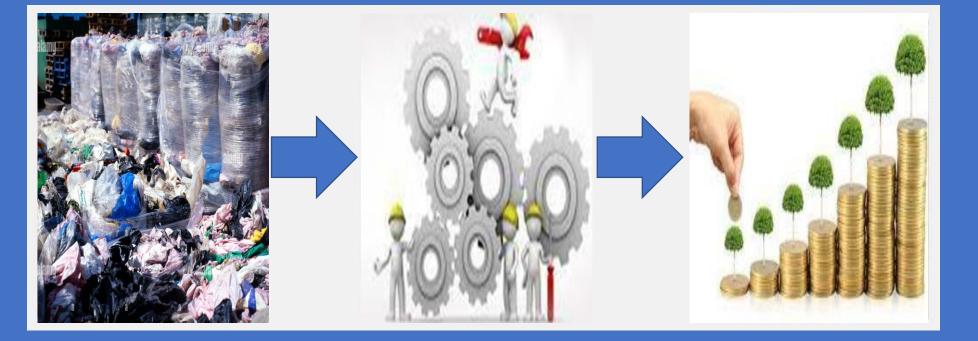
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