



# LiA Project Outline (part A)

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## Your full name and University of affiliation

**Full name:** Liu Yunqi

**University:** The University of Hong Kong

## University contact

**Your key contact or supervisor at your University**

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## Title of your LiA project

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Sustainable development of textile industry in Mexico City

## The organisation/charity you are working with

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Make\_Sense

## Organisation/charity contact

Your key contact (supervisor) at the organisation/charity

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**Full name:** Brenda Sañudo

**Email address:** [brenda@makesense.org](mailto:brenda@makesense.org)

## The need or cause you are supporting

What is the specific problem, cause or opportunity you are exploring?

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The textile industry accounts for around 1.2% of the total GDP of Mexico, which is estimated to be responsible for about 20% of global clean water pollution from dyeing and finishing products. The project attempts to explore a more sustainable, eco-friendly way for the development of the Mexican textile industry according to the position of the Mexican textile industry in the global supply chain. It will look into the interrelation of the textile industry with climate change, then examine the possible ways to improve local production processes and facilitate global cooperation in response to climate change.

## Goal

**What is the big-picture idea/vision and desired outcome of what your LiA project is trying to achieve in order to address the need or problem above?**

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The LiA visions a two-dimensional goal for Mexico's textile industry. Locally, it could achieve an eco-friendly way of production by improving the production process and recycling rate. Globally, it could maximise its geographic advantage in the global production chain. Through shared responsibility and coordination across the supply chain, a more sustainable way of production could be achieved without shifting pollution to the lower tail.

## **Objectives**

**These represent how you will achieve your goal. Write down three to five SMART objectives outlining how you will achieve the overall goal.**

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1. Historical knowledge. At the beginning of the program, I would attempt to thoroughly understand the historical development of the textile industry in Mexico City to identify specific problems and rank them through urgency and achievability. Therefore, I would be able to pin down the target problem, which could be solved effectively.
2. Effective communication is another objective I would try to achieve the goal. By talking to people with more knowledge and experience in the textile industry, I hope to learn their thoughts and gain their inspiration and suggestions.
3. Field observation. Through in-person observation, I would try to get first-hand knowledge of the production process, thus solving the problem more effectively. Also, I would be reflective and systematically organise the information gathered, classifying them to different operational perspectives and the specific problem targeted.

## **List any challenges, barriers or risks to achieving your objectives**

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1. Cultural and language barrier. The project is based in Mexico City, whose historical and cultural background differs distinctly from East Asia. Spanish is the official and

primary language in Mexico. Therefore, the cultural background mismatch and language barrier may lead to ineffective communication.

2. Lack of specific knowledge of textile production. Textile production is very specialised, and improving it to a more sustainable pathway requires particular knowledge of the whole production process. Besides, it involves understanding the global supply chain and Mexico's role in the globalised world.
3. Conflicts of interest. The transition to a more climate-friendly way of production is not painless. It may incur higher costs and other problem that existing interest group may be unwilling to deal with.
4. Public consciousness and acceptance. Though already gaining more and more publicity and acceptance, many still question the argument of climate change.

## Ideas to overcome barriers or challenges

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1. Learn some basic Spanish and gain more exposure to Mexican culture before the programme to avoid basic misunderstanding and facilitate communication.
2. Detailed research. Do comprehensive research on the historical development of textile industry in Mexico City, the production process of textile, and also understand the global supply chain of textile product and Mexican specialisation as well as its position.
3. Effective communication. Make efforts to further raise public awareness on pollution and climate change, cultivating long-term perspective and the idea of sustainability. Also, I would attempt to find the balance between different interests group.




## Milestones per week

What are the significant activities/objectives of the LiA project outlined by week?  
Please provide dates.

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**My Milestones**

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Aa Week	 Start date	 Milestones	 Details
<u>1</u>	@July 10, 2023	Getting to know the country and the local culture as well as the main challenges	Familiar myself with the local environment and community.
<u>2</u>	@July 17, 2023	Add-up action and improve leadership ability	Cultivating leadership ability by improving communicative skills, and organising skills. Also, I will begin to do background research on the textile industry specifically.
<u>3</u>	@July 24, 2023	Defining problem and research solutions	Based on the research from the previous week, narrowing it down to identify specific problems and their major causes. Understanding the causal relationship between the issues and climate change and exploring feasible solutions.
<u>4</u>	@July 31, 2023	Defining goal and solutions, recruit and welcome volunteers	Breaking down the goal into actionable practices, welcome volunteers, and discuss the most effective way of taking action.
<u>5</u>	@August 7, 2023	Work on the project with organisations and volunteers	Field work. Try to solve the problems identified effectively with organisations and volunteers. Intensively communicating with related groups to optimise the results.
<u>6</u>	@August 14, 2023	Wrap up project result and evaluation the effect	Conclusion. Evaluate whether the measure is sustainable for implement, and find ways for future potential improvement.