



Scenario One

Social Change: Large Population Growth

In the year 2052, the New Zealand population has experienced a sudden and significant increase. Our country is a favourite for immigrants from Britain, North America and Europe who love our outdoor life style, beautiful rural landscapes and temperate climate. Refuges from drought ridden countries continue to arrive in New Zealand due to our government's offer of aid.

The population of New Zealand has reached 12 million people and infrastructures like roading, schools, hospitals, power supplies and emergency housing are under pressure. We continue to love our own, New Zealand made cheese, butter, flavoured milk and yoghurt.

There is an increased demand for milk powder for the refugee babies and we are looking for new ways to feed these refugees with the nutrient rich food they need to regain their strength and health. The global demand for New Zealand's dairy products remains high. This means that the industry needs to produce more dairy products to meet the demands of both these groups.

1

SOME THINGS TO CONSIDER:

- How will the industry meet the growing need of local consumers and yet still meet New Zealand's dairy exports to our global markets?
- We export most of the milk powder we produce. Can we make enough for our new refugees too?
- Can we afford to decrease our exports to provide for the refugees?
- Where have all the extra people settled?

The dairy industry is an important part of the New Zealand economy. Scenarios like increased growth will impact this industry. Can you help ensure that the industry is able to remain sustainable and provide dairy products both locally (in New Zealand) and globally (around the world)?

2

THE CHALLENGE FOR YOUR GROUP:

1. Identify all the problems for the New Zealand's dairy industry that could exist due to this scenario.
2. Explain what potential impacts these problems could have on specific areas of New Zealand's dairy industry.
3. Think of solutions or adaptations for New Zealand's dairy industry to consider to solve the problems or alleviate the impacts.
4. Give detailed explanation about how these solutions or adaptations will solve the problems or alleviate the impacts.

Be as creative and think as widely as possible with your solutions and adaptations. Make sure you can justify and explain your ideas and that they are relevant.

3

PRESENT YOUR LEARNING:

Create a slideshow and oral presentation to present your learning to the class. Start with a brief overview of your future scenario to set the scene for the rest of your presentation.

Make sure you have included all your main ideas. Images are always a good way of helping to explain or support your meaning.