

# Option 1



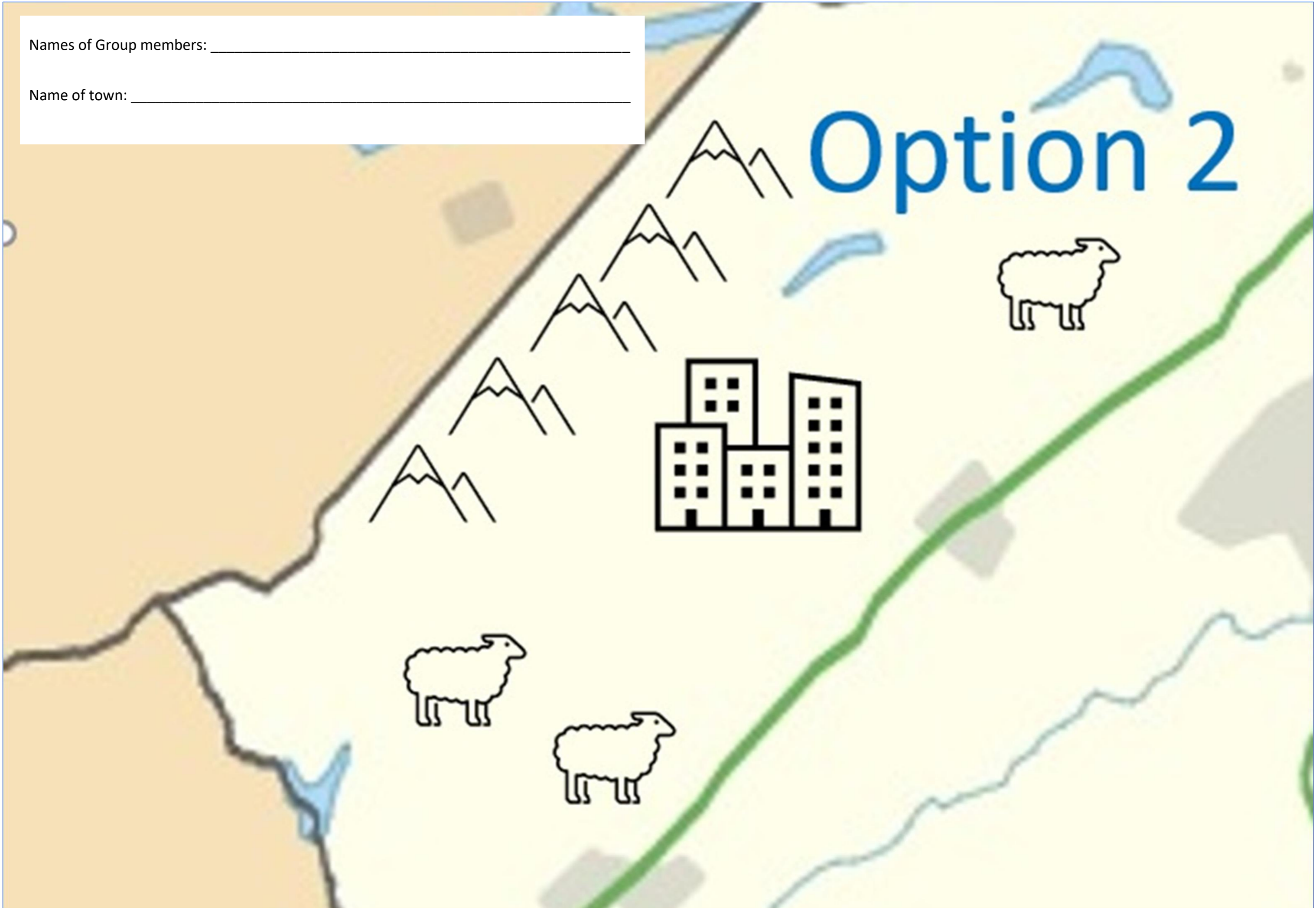
Names of Group members: \_\_\_\_\_

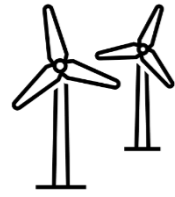
Name of town: \_\_\_\_\_

Names of Group members: \_\_\_\_\_

Name of town: \_\_\_\_\_

# Option 2



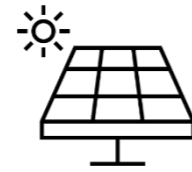


**Wind turbines:**

The construction of wind turbines uses a lot of carbon, plus they are normally transported in from abroad.

However, they have a life span of 25 years which exceeds the amount of carbon initially used.

Rating -

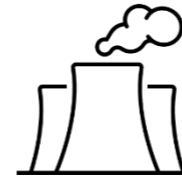


**Solar panels:**

Solar panels are a consistent way of turning light into electricity.

However, they do not produce as much in the winter months or when placed in shadow

Rating -

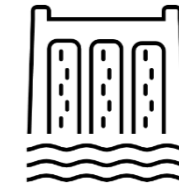


**Gas power station:**

Gas power stations put huge amounts of carbon into the atmosphere.

However, they do produce a lot of electricity and without them we would not be able to meet our electricity demand.

Rating -

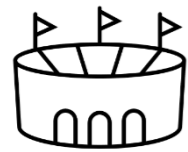


**Hydroelectric schemes:**

Hydroelectric schemes are the most efficient type of renewable energy.

However, blocking water to create reservoirs can alter the landscape.

Rating -

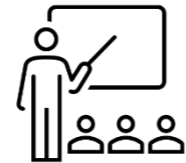


**Sports stadium:**

Sport is always a social activity, and having a local stadium allows people to keep fit, healthy and look after their mental wellbeing.

However due to the size of the building, it uses a lot of electricity

Rating -



**Primary school:**

In your town you will have young families moving in. It is important to educate the next generation.

However, building large schools will use produce a lot of carbon in construction.

Rating -

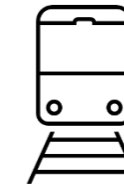


**Recycling centre:**

One way of reducing our use of carbon is to reuse and recycle all our items.

However not all material can be recycled, especially some plastics which are burned instead.

Rating -

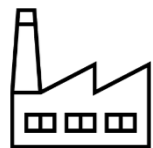


**Railway:**

Encouraging adults to take the train instead of the car can reduce the amount of carbon entering the atmosphere from our transport.

However, the initial cost of constructing the railway lines also produces a lot of carbon.

Rating -



**Factories:**

Creating and selling materials is how you bring jobs and money into the local area.

However, the amount of energy that can be used in manufacturing to do so is huge.

Rating -



**Medical centre:**

It's important to have a local medical centre to keep the population of your town healthy.

However, the construction and energy usage mean a lot of carbon is produced

Rating -



**Bridges:**

When developing your transport network you may need to cross over natural obstacles such as rivers, bogs or forests.

This construction will add to the carbon in the atmosphere.

Rating -



**Electric charging points:**

Petrol and diesel cars produce huge amounts of carbon into the atmosphere. Encouraging your towns population to swap with electric cars can take that carbon from the atmosphere.

Rating -