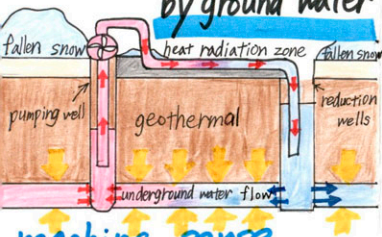


# The melting of snow by ground water



machine sense

{ Snow  
Outside temperature  
↓  
electricity reduction

before



after



## Question

Q1. Why did you want to melt snow using ground water?

Q2. Why is the system not very popular in the road?

## Consideration

[Tsugaru Biomass]

It should reduce the cost of many homes and use the excess heat in more ways.

[The melting of snow]

We should spread the melting of snow by playing attention to inhabitants and trying to make the cost low.

## Let's Light up Aomori!!



Hirosaki Minami High School  
11HR group4



# 1 Motive Tsugaru biomass

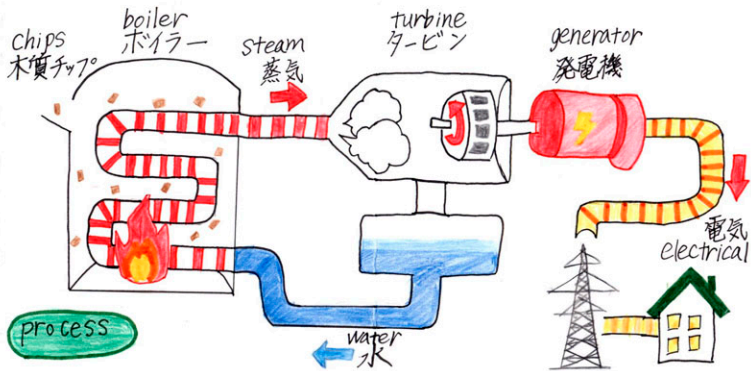
We want to use the apple forests thinning branches well.

## The system of melting snow

Because the system of melting snow isn't used widely, we want to spread it through this research.

## 2 Purpose

We want to use the apple forests branches.



Apple's old wood and lumber are obtained → chips are processed

