

Arcadia Climate Action Awards

Renewable Energy Sources



By Cadhla Lennon, Ellie Quinn, Michael Balfe &
Jason Flannery

Team Member 1: Cadhla Lennon

Hi, I'm Cadhla and I am a current member of Milltown N.S's Student Council and Green Schools Committee. I helped create and design this presentation and Lego project.



Team Member 2: Ellie Quinn

Hi, I'm Ellie and I was a past member of Milltown N.S.'s Student Council and Green Schools Committee. I helped create and design this presentation and Lego project.



Team Member 3: Michael Balfe


Hi, I'm Michael and I am a member of Milltown N.S.'s Student Council. I helped create, code and design this presentation and Lego project



Team Member 4: Jason Flannery

Hi, I'm Jason and I am Milltown N.S.'s Jr Mayor. I helped create code, build and design this presentation and Lego project





Why did We Choose this topic?

Problem:

We saw the impact Storm Eowyn had on the country and how all the power went for hundreds of thousands of homes, businesses and farms for with some facing outages for days. Schools, and businesses were forced to close.

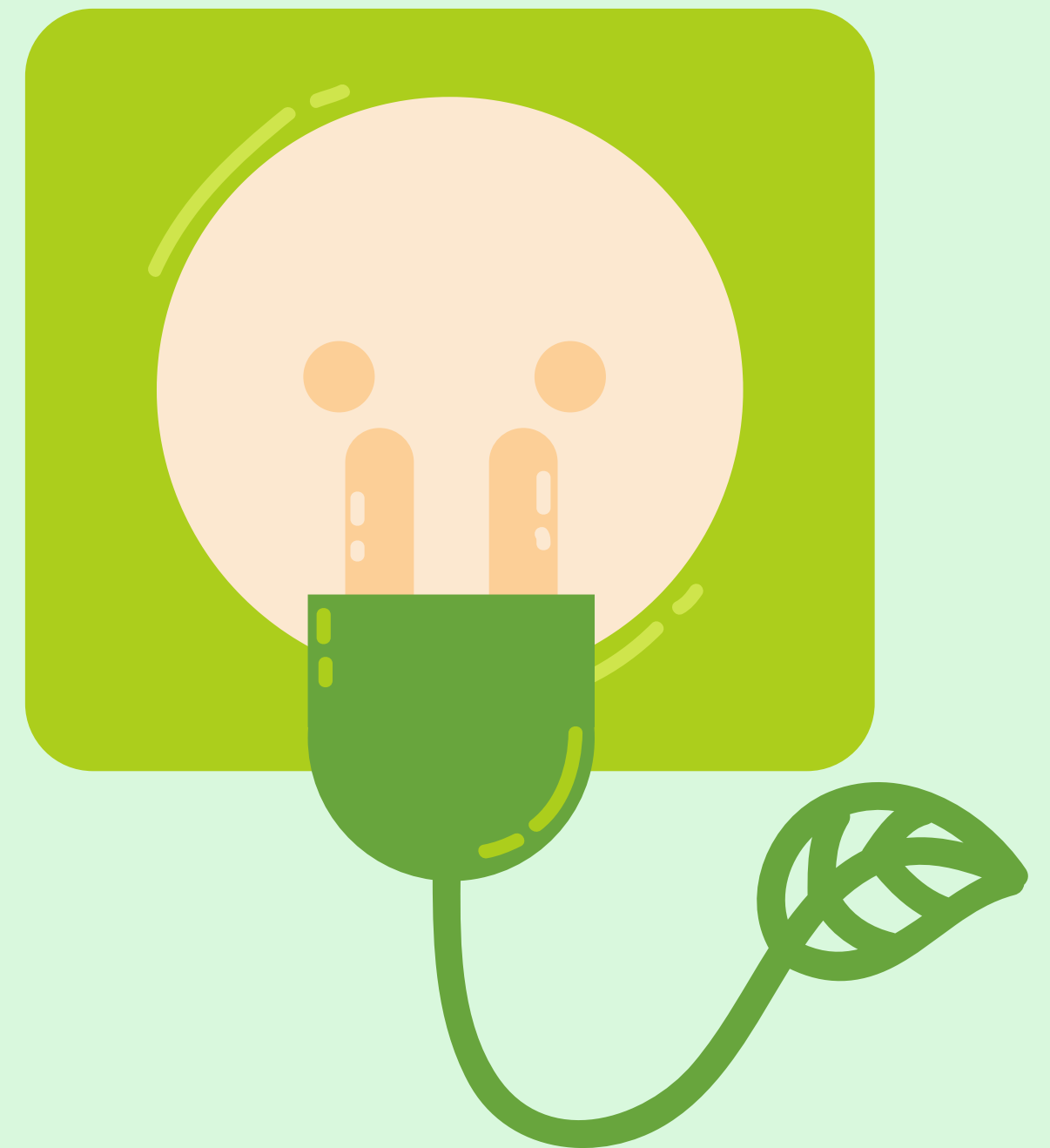
Solution:

This led us to consider what would happen if we used up all our non-renewable energy sources. We decided the solution was Renewable Energy!



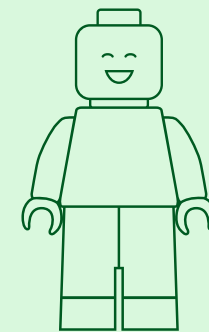
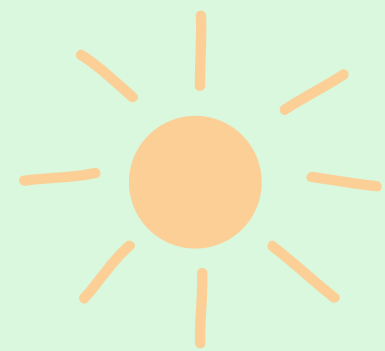
Renewable Energy

Some different parts of the Lego project are providing green energy in different ways such as wind energy and solar power. These are examples of renewable energy. This energy will then go and power the nearest town.

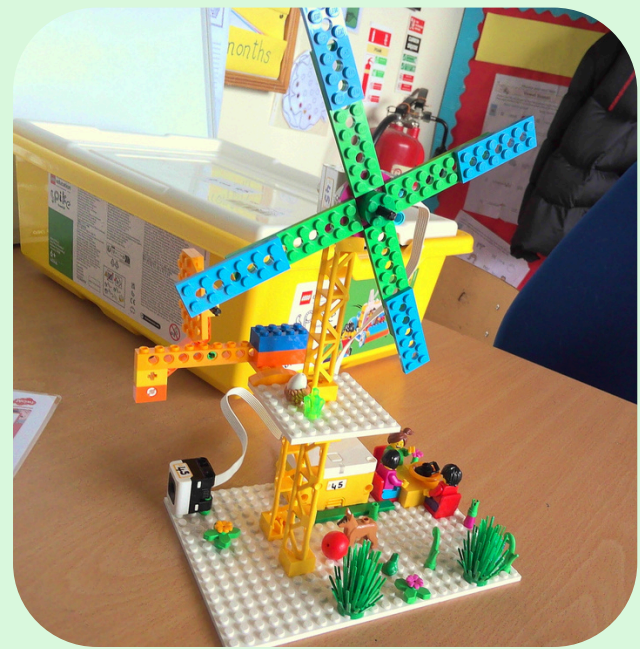
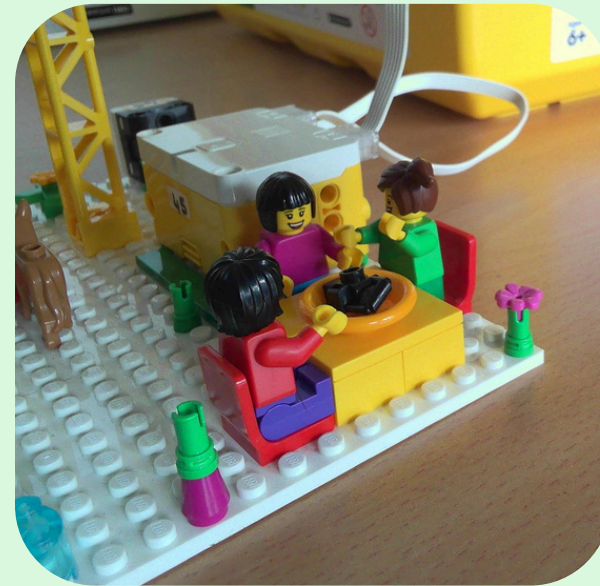


Why We Chose Lego

We chose to do our project with Lego because at the moment we are doing a project using the Lego Spike Essential kits.



Some Pics of the Project



Why Is Green Energy Important?



Environmental Benefits

Conserving energy reduces greenhouse gas emissions, which helps combat climate change and reduces air pollution.



Economic Benefits

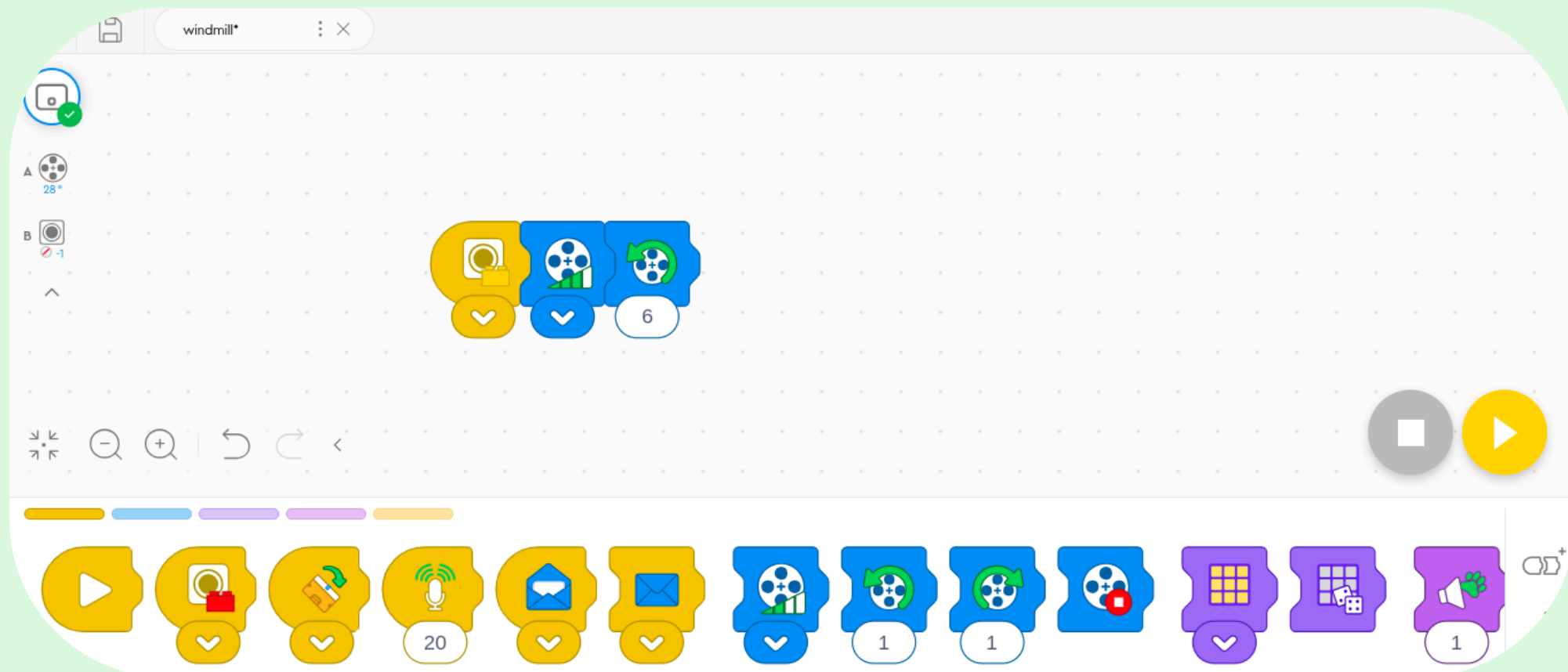
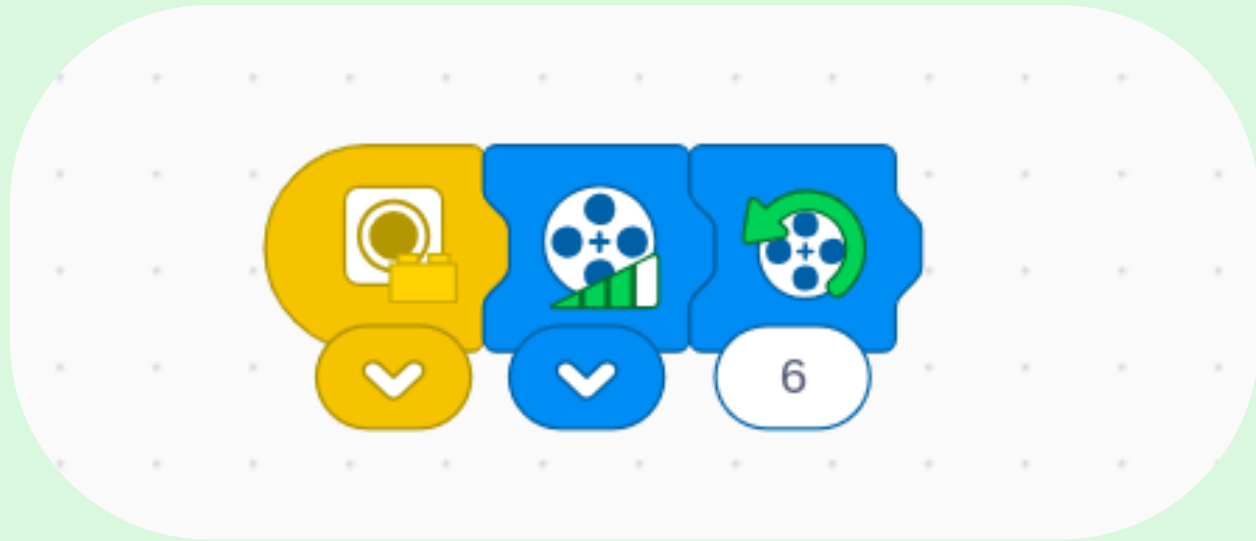
Saving energy means lower utility bills and reduced energy costs for individuals, businesses, and governments.



Sustainability

By using less energy, we extend the lifespan of energy resources like fossil fuels and promote the development of cleaner, renewable energy sources.

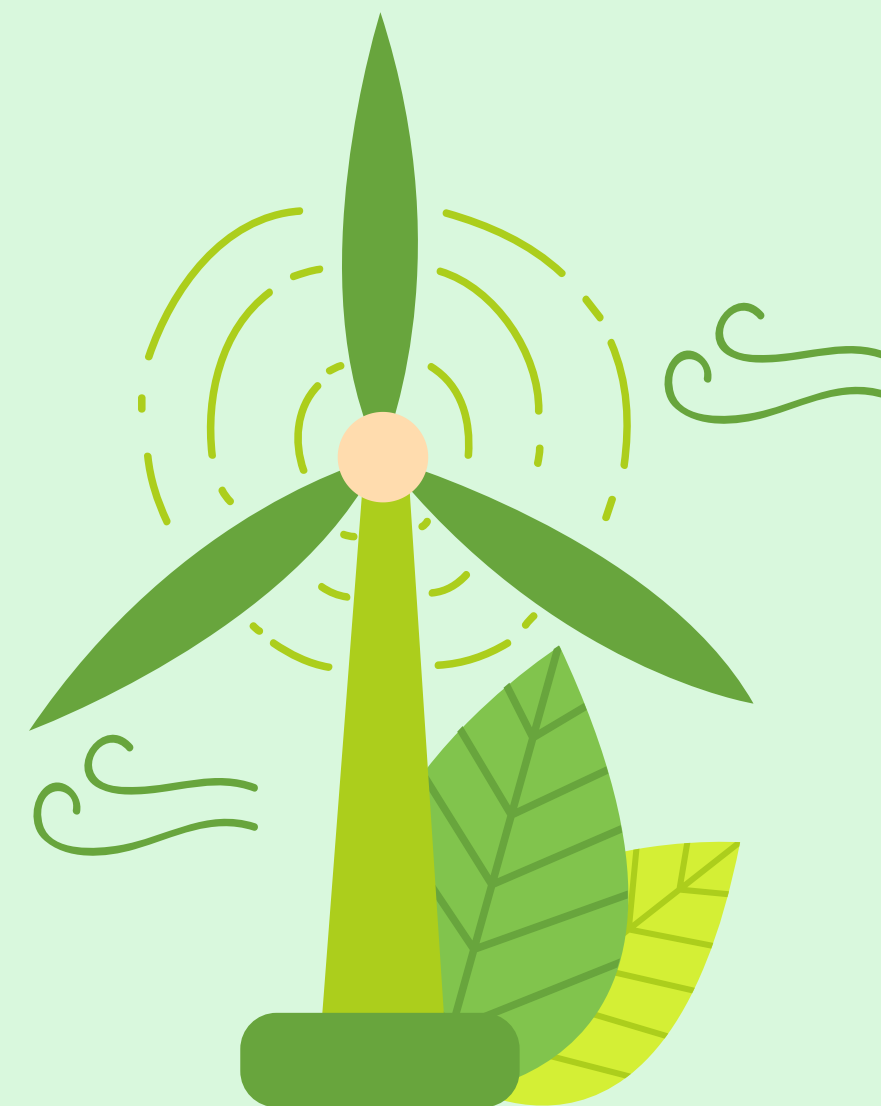
Some Pics of the Coding





Any Questions?

Just ask!



Wind-Milltown

