

Countries/Companies'
Activities



Global Warming

Rikkyo School in England High School 3

Contents

- 1 - WARNING** [slide: 3 - 4]
- 2 - Is Japan an eco-friendly country?** [slide: 5 - 8]
- 3 - Where is the most ecological country in the world?** [slide: 9 - 13]
- 4 - What is the difference between Japan and Sweden?** [slide: 14]
- 5 - Japanese Company → Deforestation** [slide: 15 - 18]
- 6 - IKEA is not just a furniture store** [slide: 19 - 23]
- 7 - Kao VS IKEA** [slide: 24]
- 8 - Our 3 activities** [slide: 25 - 28]

Have you prepared to watch the film in the next slide????

WARNING

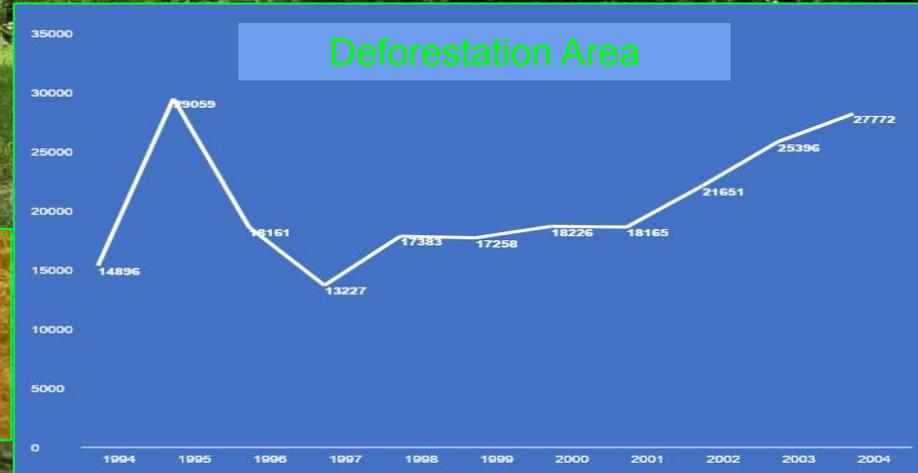
It's not our responsibility even if you faint from shock!!!!



← This is a film about deforestation.

This shows decrease of the forests in the Amazon.

How do you feel?



The background of the slide features a collection of colorful cleaning products, including spray bottles in white, green, pink, orange, and yellow, and a large green recycling symbol. The products are arranged on a light-colored surface.

Is Japan

an eco-friendly

country?

Actually... Japan has not become an “eco-friendly country” yet!

People in Japan may think that Japan is one of the countries which have been working on environmental problems such as “**Global Warming**” as an “eco-friendly country”.

However, if there are those people who think Japan is an “eco-friendly country”, their thoughts are **wrong**.

These are two reasons why we insist that Japan is **not** an “eco-friendly country”

① Japan has been producing a lot of rubbish of plastic in the world!

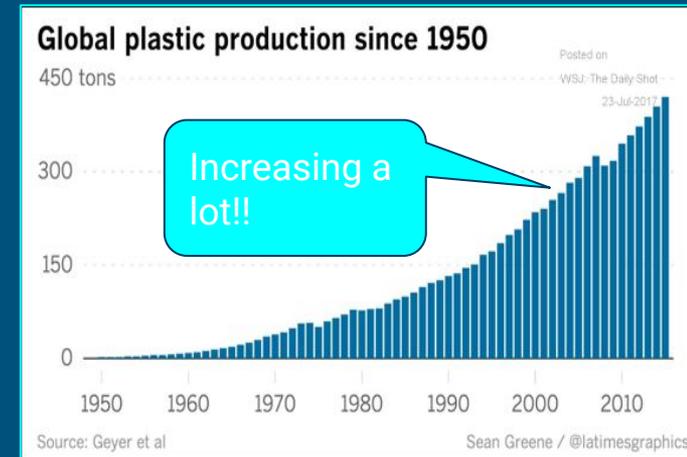
② There is little media which tells us about the **ecological action** in Japan.



① Japan has been producing a lot of rubbish of plastic in the world!

Amazingly, Japan is the second country that produces rubbish of plastic **the most** in the world.

You will understand the reason why Japan has been producing it in large quantities when you see the examples we are showing now.



- “plastic bag” is one of the factors! ←we get this when we buy something at the store.
- “plastic containers” is also the factors! ←This is often used as “lunch boxes”.

② There is little media which tells us about the ecological action in Japan.

These days, the number of fashion magazines which features “**sustainability**” is being increased little by little.



...

But...

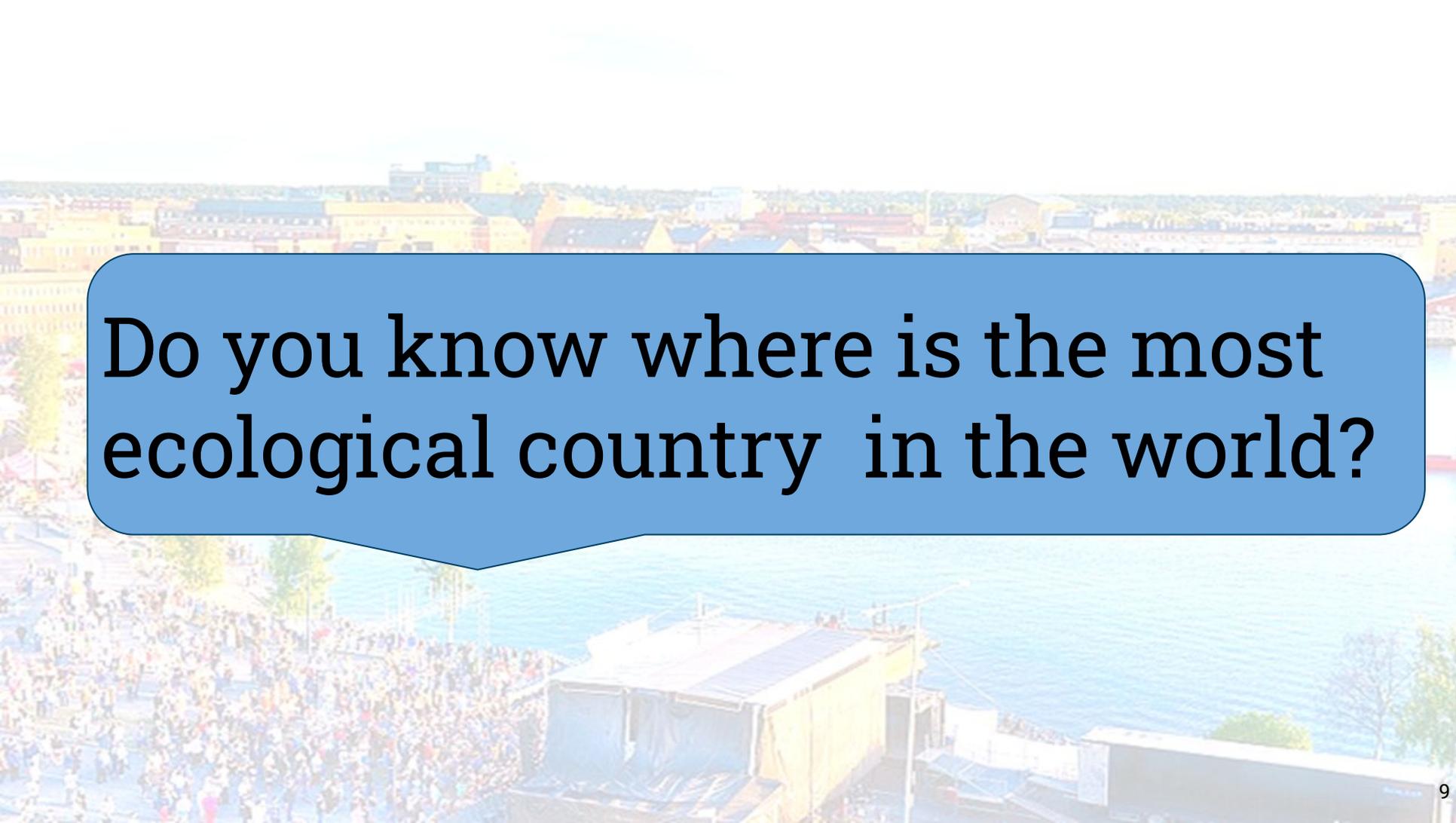
There is still little action like this!!

For these reasons...

...



Japan has not become an “**eco-friendly country**” yet and should do more effort, and to do this, it is a good way to refer to an “**eco-friendly country**” like Sweden.

A scenic view of a coastal city, likely Reykjavik, with a large crowd gathered on a hillside overlooking the water. A blue speech bubble is overlaid on the image, containing the text:

Do you know where is the most ecological country in the world?

The answer is **Sweden!!**

Sweden has been ranked **No.1** in the SDGs international ranking for three consecutive years.

In addition, Sweden has also been **No.1** in the world -good reputation country rankings for two consecutive years.



So, Sweden is the **most ecological country** in the world.

Also, It's the **most beautiful country !!**



What does Sweden do?

Various efforts are being made in Sweden!!!

- Increase in buses running on biogas.
- Recommended to travel by bicycles (Aiming for a city of bicycles!!)
- Everyone brings eco bags and use bags which made of corn
- Know the eco levels of the product
- Plastic bottles or can into the machine, it'll come back as a voucher.



Sweden does a lot of environmental efforts

in the lives of Swedish!!

Eco-friendly busses and bicycles

Do you know what makes the bus running?

The answer is **food waste!!**

The busses can run about **2 kilometers with 1 kilogram of garbage!!!**

Sweden is **No.6** in the bicycle usage ranking!!

In Sweden, the country makes bicycle lanes and counters that measure the amount of bicycle traffic.



can see the eco-friendliness of the product.

There is a **Pantmaskin**. It's a system that returns PET bottles and cans that you have drunk as gold vouchers, if you put them in this machine. When you buy drinking water, shops sell it including the price of the container.

Cans are 9 yen in Japanese,
18 yen for 500 ml plastic bottles,
36 yen for 1.5 L and 2 L plastic bottles,
they are quite **expensive**.



What is the difference between Japan and Sweden?

Both of them are beautiful countries, but why Sweden is more eco-friendly country than Japan?

Japan

As we said, **people in Japan have been carrying out little ecological action.**



The reason is that there isn't enough national ecological action like Sweden, which can inspire people to do it!!



Sweden

Why can Sweden become eco-friendly country?
Because, the nation of ecology can be realized by the country, companies and people act toward the same goal!!
Swedish take environmental protections in their daily lives and take them for granted.

Japanese Company → Deforestation



Enriching lives, in harmony with nature.

Is Japan taking part only little movements?

We mentioned that Japan has taking part hardly any activities, however,

Kao, which is the one of the famous Japanese company, has been struggling to improve their products as environmentally-friendly things.

For now, we will introduce two facts,

belonging at RSPO and

inventing NEW ELEMENT.



Products from Kao

Surfactant - using Palm Nuclear Oil

Palm is harvested at tropical zone.

increase of
DEMAND

serious
DEFORESTATION
occur



Palm Nuclear Oil

The oil extracted from a seed is made into an ingredient of surfactant that is used to make detergents.

To stop the forest destroy, Kao has been belonging at an international organization called,

“RSPO (Roundtable on Sustainable Palm Oil)”.

Furthermore, Kao checks where the Oil produced.

Great Challenge - exploring a Microalga

Kao's another protection from deforestation is to procure more eco-friendly ingredient, microalgae.

Kao has been progressing to make **a soap or a shampoo which are made from microalgae** and be used at all over the world.



MICROALGAE

This has a similar component to a **Palm Nuclear Oil**.



Today, Kao's Biological science labo has **more than 300 thousands of microalgae**.

Evolution of the Ikea logo



1951



1954



1967



1981



1983-Present



① LOVE IS COMPLICATED



MARTIN
\$45

② IKEA IS SIMPLE



IKEA is not just a furniture store

Do you know about IKEA?



As we explained earlier **Sweden** is a environmentally friendly country. IKEA is scandinavian furniture store from **Sweden**.

IKEA is not just a large furniture store, they have many measures about preventing global warming.



Healthy and Sustainable Lifestyle



This is IKEA's motto

IKEA's measures against global warming

1. IKEA uses **73% of renewable energies** for their producing products.
2. **90%** of IKEA's **wastes** are **recycled** or are use for **energy recovering during incineration**.

Wood is the material that is most commonly associated with IKEA furnitures. Also they have large amount of usage so they are having lots of measures.

3. **Friendly to the forest**

IKEA is doing a lot of work on forests, so we will explain it in detail.



FSC



Have you ever seen this mark?
I think you have seen this mark
somewhere.

This is FSC (**Forest Stewardship Council**) group's mark. IKEA's **wooden products** have this mark.

FSC and IKEA is working together to take care of **the World's forests**.

Through **responsible forest management**, they make sure they have forest for all, forever.

By the end of the 2020, they aim for all their wood to come from **sustainable sources** including FSC certified and recycle wood.



Today they have reached more than **91%** of their goal.

How IKEA achieved 91%



1. Non **illegally logged** timber (Of course!)
2. Not from **natural forest** in **tropical/subtropical region** that has switched to plantation or non forests.
3. Not cut from a plantation that was **identified as being genetically modified** for commercial uses.
4. IKEA is working with **small forestars** to promote access to certification programs around the world.

Kao VS IKEA



IKEA

- ★ Using renewable energies
- ★ Wastes are recycled/used for energy
- ★ Responsible forest management

Kao

- ★ Taking part at RSPO
- ★ Checking Palm production
- ★ Studying microalgae





There are many things that we can do for making our world better, especially we promote 3 things.

Firstly, understand the current situation such as serious climate changes.

Countries

What is the difference between Japan and Sweden?

Both of them are beautiful countries, but why Sweden is more eco-friendly country than Japan?

Japan

As we said, **people in Japan have been carrying out little ecological action.**

↑

The reason is that there isn't enough national ecological action like Sweden, which can inspire people to do it!!

Sweden

Why can Sweden become eco-friendly country? Because, the nation of ecology can be realized by the country, companies and people act toward the same goal!!

Swedish take environmental protections in their daily lives and take them for granted.

Companies

Kao VS IKEA



IKEA

- ★ Using renewable energies
- ★ Wastes are recycled/used for energy
- ★ Responsible forest management

Kao

- ★ Taking part at RSPO
- ★ Checking Palm production
- ★ Studying microalgae



IKEA is working on various fields but KAO is biased

Japan has measuring against global warming when we compared by companies, but when we compared by counties, Japan is still inferior.

Secondary, we should take action to solve the problems.

KAO PRODUCTS



IKEA PRODUCTS



We bought from both companies in order to contribute to the business (about measures against global warming) of IKEA and KAO.

Thirdly, open new prospects for the future.

1. Get rid of extra resources in Rikkyo.

*we can do
it now*

2. Send own opinions to solve environmental issues with SNS

Join an organization which trying to solve environmental problems

*Easy and
familiar for
us to do*

[There are many groups founded by students, mainly on Instagram!!!]

3. Find a solution of global warming at university.

or choose a university at the view of “social contribution”

*We can do it
in the future*



Each of us has to be done to recognize Japan as an eco-friendly country!



**OUR
Activities**



Global Warming

Thank you for looking at our presentation!