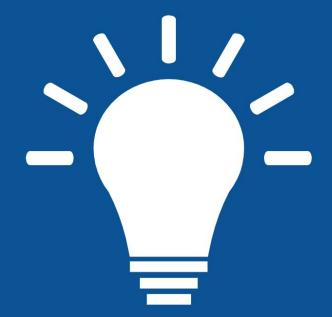
Increasing Renewable Energy Output Through Food Recycling

W202105-1 Kyoto University of Advanced Science Junior & Senior High School

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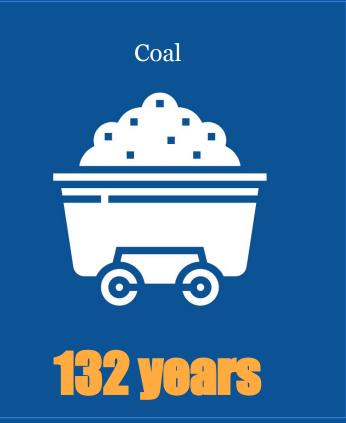
A huge amount of energy is being used



Reserves-to-production ratio

Oil / Natural Gas





Source:International Energy Agency/ Energy Statistic 2019

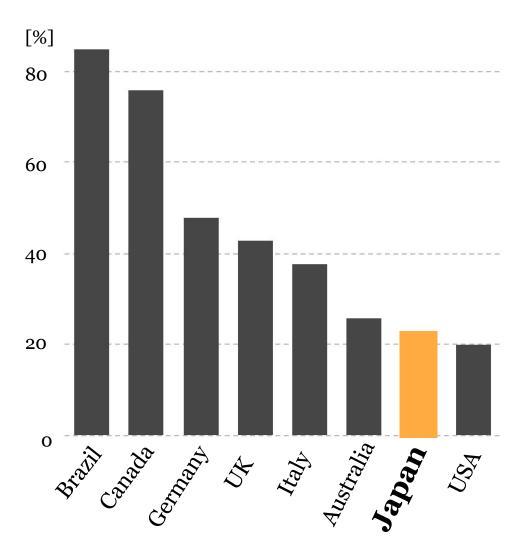
Waste Fossil Fuel...







Renewable Energy \checkmark



The proportion of RENEWABLE ENERGY in total energy consumption of Japan in 2020 was

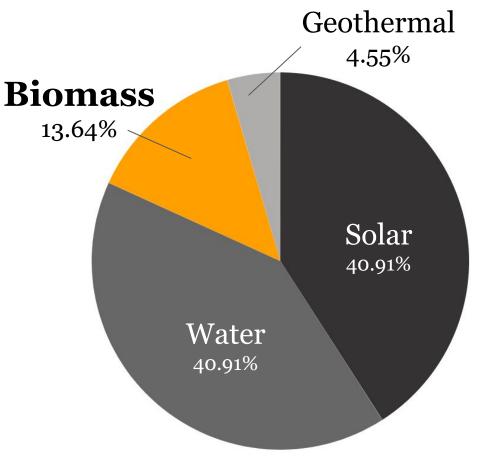


Source:International Energy Agency/2020

Indificition to Renewable Energy



Biomass and Geothermal are Lower percentages in Japan.



Source:IEA/2020

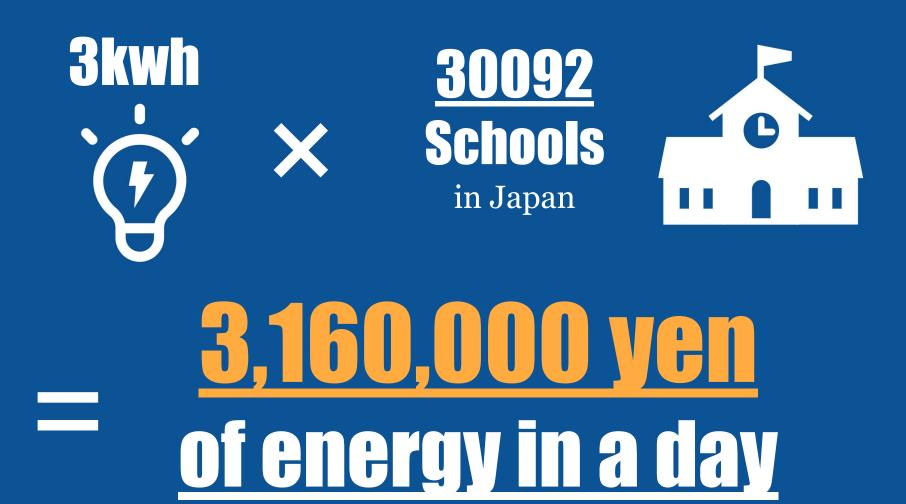
Amount of Food Waste in our School

Food waste at our school cafeteria in a day (Nov.5)



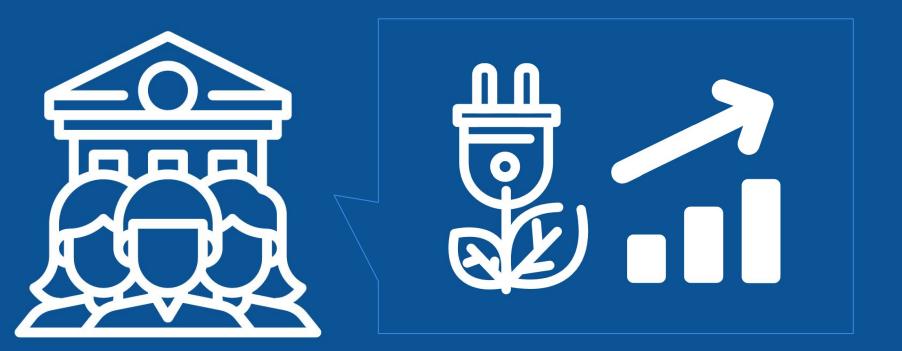
The amount of energy we can make 5 7 7 7

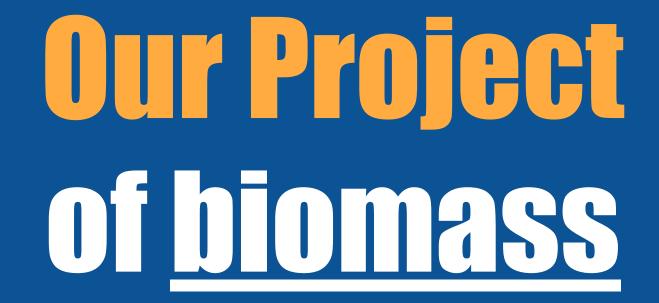
By BioEnergy Company





The most important





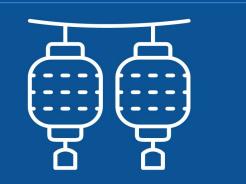
Factory Tour



Exciting Area

Lanterns

Light with Biomass energy



Food Stalls

Sell food that could be turned into biomass energy





Thank You for Listening!

References

International energy Agency/Energy Statistics 2020

https://www.iea.org/reports/key-world-energy-statistics-2020/final-consumption

•Toukyu Power Supply/Questionnaire: Creating a Smart and Environmentally Friendly Community https://prtimes.jp/main/html/rd/p/000000039.000020242.html

• Ministry of Education, Culture, Sports, Science and Technology Japan https://www.mext.go.jp/content/1413836_001_001.pdf

•BP/Statistical Review of World Energy 2020

https://www.bp.com/content/dam/bp/business-sites/en/global/corporate/pdfs/energy-economics/statistical-review/bp-stats-review-2021-full-report.pdf

•Ministry of Environment/Methane gasification facility maintenance manual

<u>https://www.env.go.jp/recycle/waste/3r_network/7_misc/metangasu_full.pdf</u>

•Agency of Natural Resources and Energy/Feed-in tariff system

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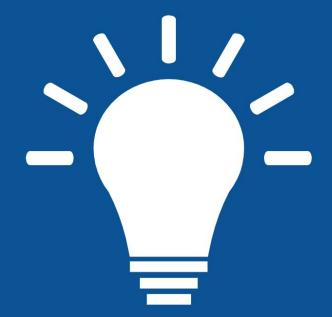
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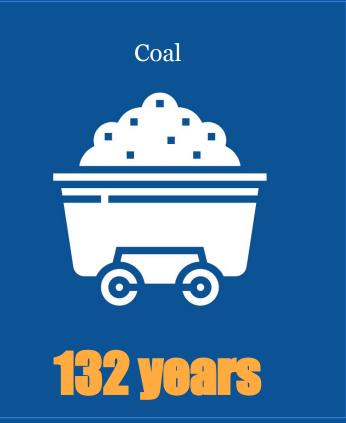
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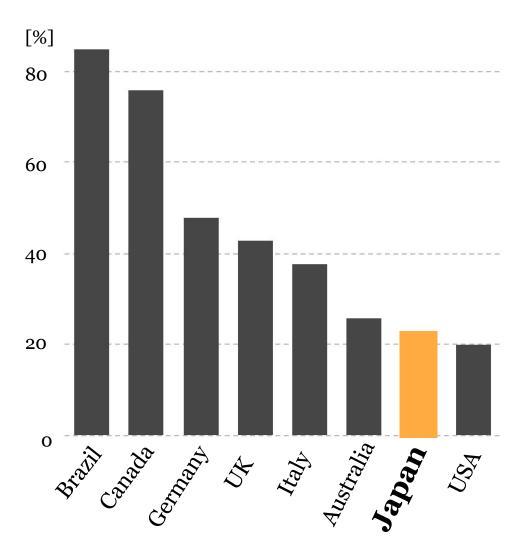
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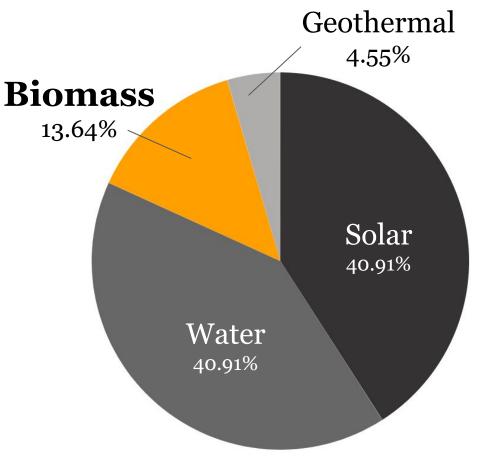


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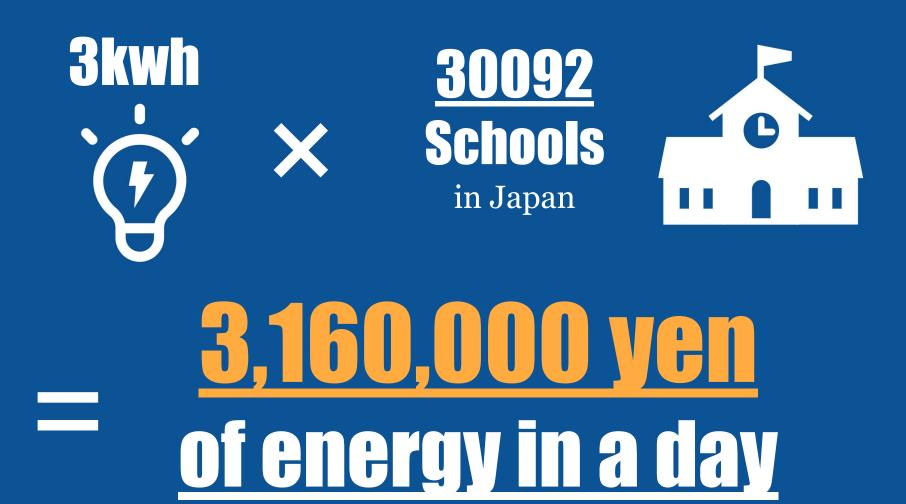
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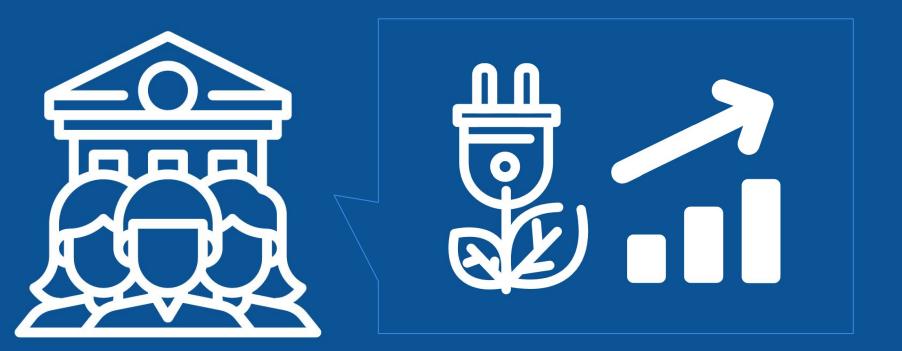
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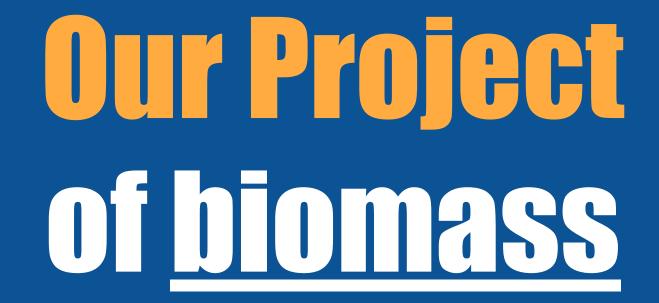
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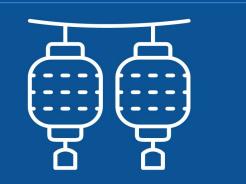
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