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"When comes change climate,  
we all have a role to play"

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- Lycée Auguste Béhal.



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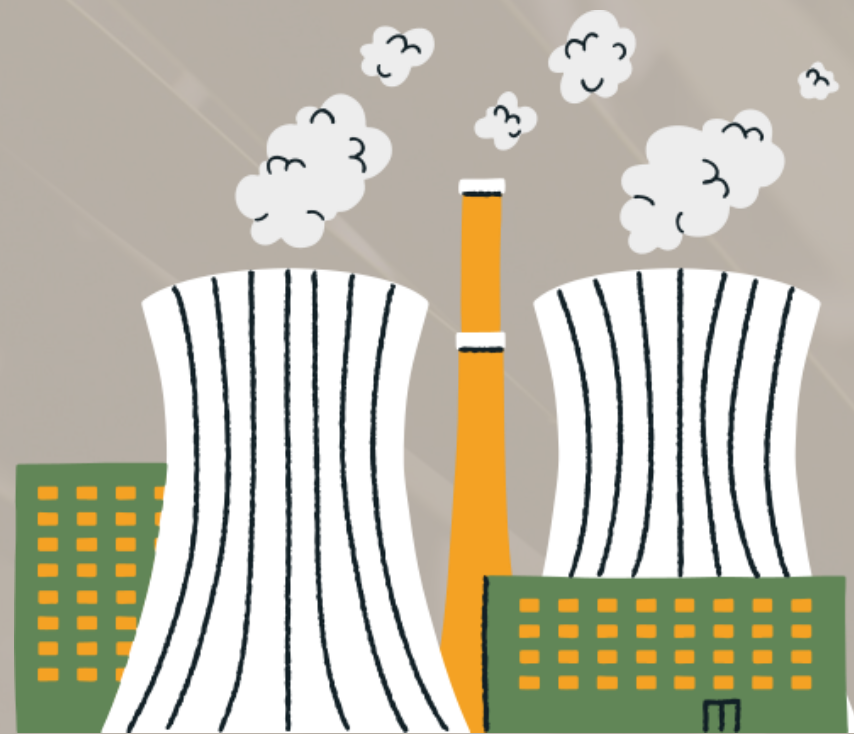
# How do countries produce electricity ?

	France 2020*	Spain 2019*	Germany 2020*	Hungary 2018*	Austria 2020*
Nuclear	69 %	21,4 %	11,8 %	49,3 %	0 %
Fossil fuel	2 %	40,5 %	43,8 %	38 %	18 %
Solar	2,7 %	5,5 %	8,4 %	1,9 %	2,8 %
Hydraulics	12 %	9,8 %	3,3 %	0,7 %	62,5 %
Wind power	7 %	20,4 %	20,1 %	1,9 %	9,4 %
Bio-energy	1,9 %	1,8 %	7,7 %	6,6 %	5,9 %

\*Date = Year of information



# How many wind turbines are needed to replace a 900MW nuclear reactor ?



1



50



150



250



350



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1



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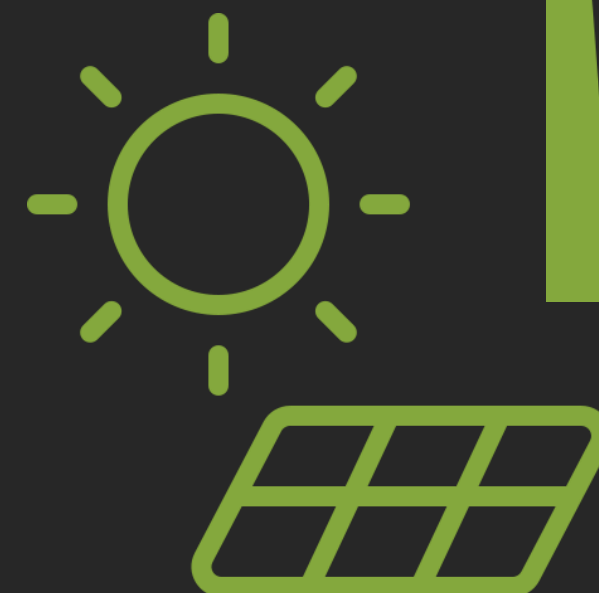


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# Energy transition

For this energy transition, production sites such as nuclear , coal-fired power stations will be closed and replaced by more ecological production sites like solar panel , hydroelectric dam or wind power.

France	Spain	Germany	Hungary	Austria
2050	2050	2045	2050	2040



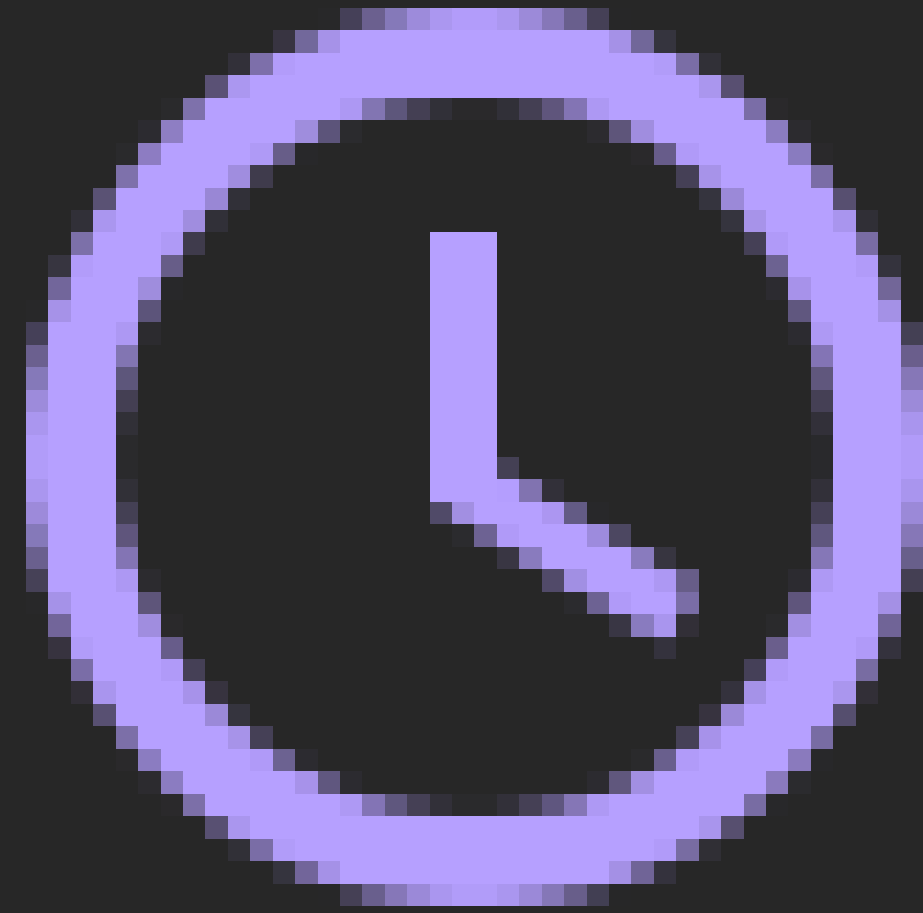
# 2028



Actually we have 8000  
wind turbines

By 2028 France wants to  
double the number of wind  
turbines to 16,000





75 000 Wind turbines to  
replace the nuclear park in  
**FRANCE**

This will take 50 years  
**!!**

# War in Ukraine

BECAUSE OF THE WAR IN UKRAINE SOME COUNTRIES  
ARE GOING BACKWARDS IN THEIR ENERGY TRANSITION  
AS THEY ARE REOPENING THEIR COAL AND NUCLEAR  
PLANTS





# Conclusion



There will be less and less energy due to the decrease in the use of non-renewable energy (nuclear and fossil fuels).

Countries will use more ecological energy so, our generation have to save energy and we are going to show you what is the best solution to heat water at home



THANKS FOR  
YOUR  
ATTENTION



PRESENTATION  
OF THE  
EXPERIENCE