

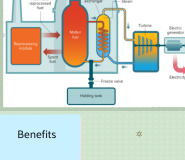
Reducing the Stigmas of Nuclear Energy

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What is Nuclear Energy?

- Molten salt reactor
- Reprocessed fuel
- No carbon emissions
- No released radiation (Waldrop 2019)

1
Energy released during nuclear reaction



Benefits

Nuclear is 360x more efficient than wind, and 75x more efficient than solar, in terms of land usage (NEI 2015).



2
No carbon emissions



Challenges

Nuclear Waste is Sitting Around



2
Nuclear Accidents

How to move forward

1
Nuclear Fusion

- First nuclear power plant under planning
- Carbon free, abundant fuel, no chance of meltdown quickly decaying and minimal radioactive waste
- Downsides: extreme temperature and pressure needed (Madsen 2020).



2
Green Motivated Public Conscience



3
Educate the Public

- Most effective solution: educate the public
- Education system focuses on negatives of nuclear energy
- Students accept stigmas without knowledge of benefits (Yim 2003)



Why Education?

1
Developing Minds

- Will absorb information easily
- Age of curiosity
- Political attitudes not yet formed - no bias



2
Pioneers of the future



3
New view on nuclear energy

- Education system does not teach benefits
- Main reason why stigmas spread easily
- As a result, benefit perception is not common



Call to Action



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