

GreenDealz



SHOP FOR THE FUTURE

Place the thing(s) you think
contain **critical** raw materials in
the shopping basket.



Compared to a gas-fired power plant, how many times more OR less mineral resources are needed for an onshore wind farm to make the same amount of energy?



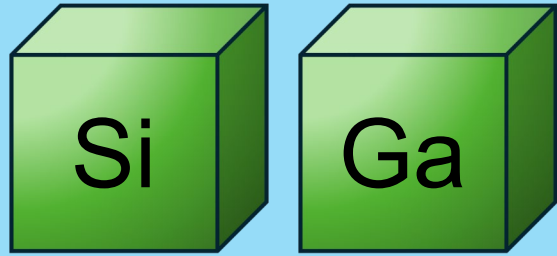
Use the available blocks to answer by placing them in the basket.



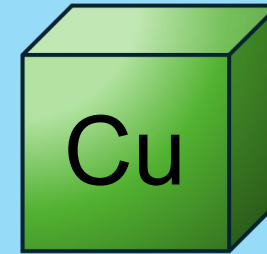
How many of the 49 critical raw materials for the EU have an import reliance of over 75%?

Pick a number between 0 and 49.

Solar PV Recipe*



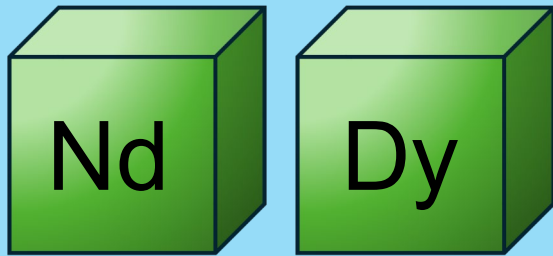
Semiconductors
for PV cells



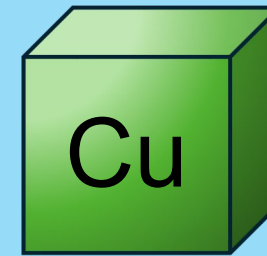
Wiring between
PV cells, other
wires & circuits

*plus many more CRMs

Wind Energy Recipe*



Turbine generator
super-magnets



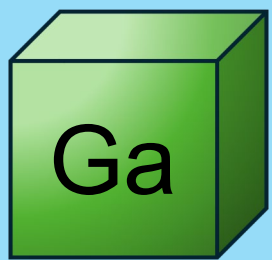
Generator
windings (coil) &
wiring

*plus many more CRMs

The EU Green Deal

55% less greenhouse gases by **2030**

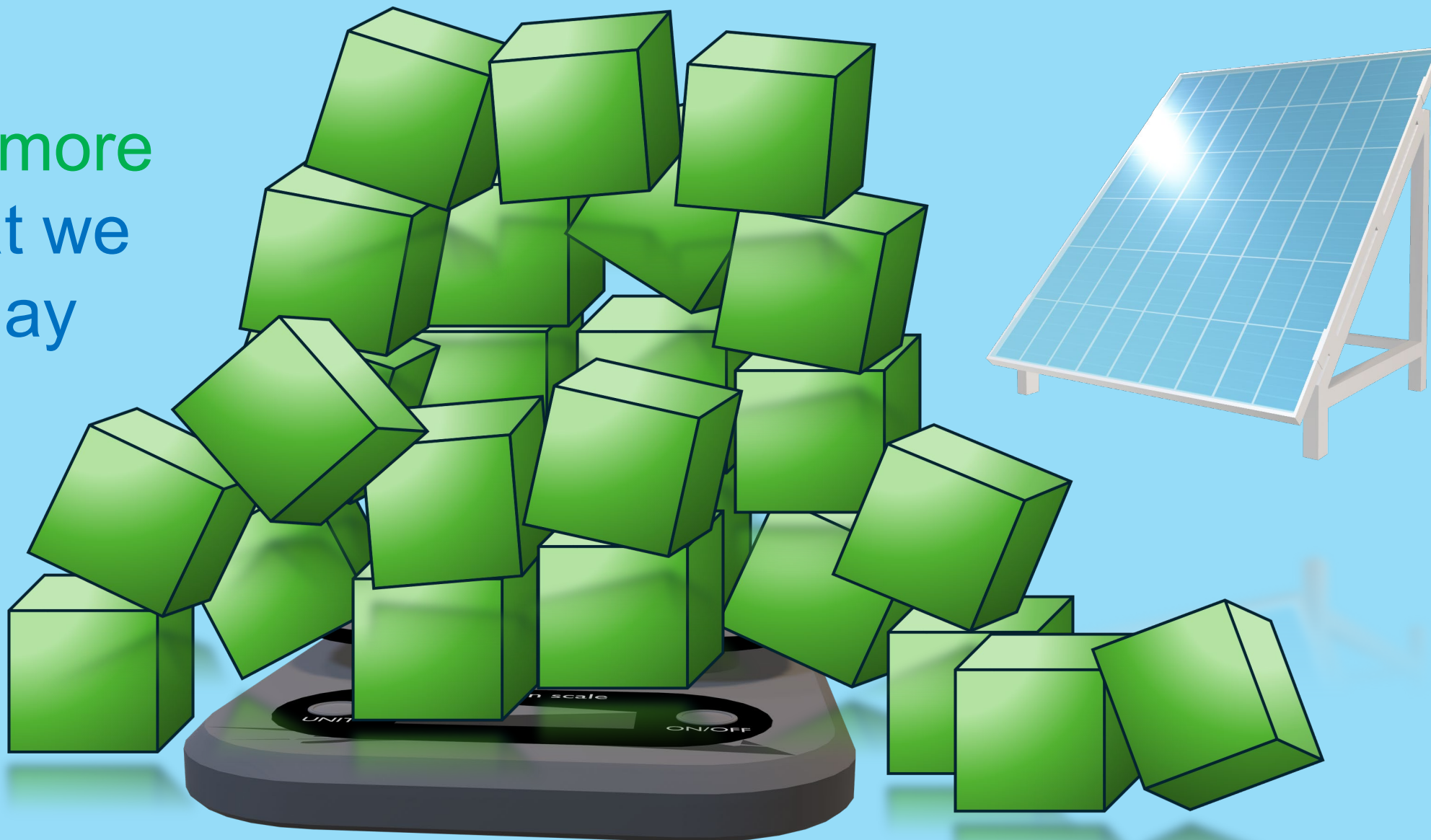
Climate neutral by **2050**



demand to reach 2050 EU solar targets?

30 times more
than what we
use today

Current level
of import
reliance: **98%**



Place the thing(s) you think
contain **critical** raw materials in
the shopping basket.



Compared to a gas-fired power plant, how many times more OR less mineral resources are needed for an onshore wind farm to make the same amount of energy?



Use the available blocks to answer by placing them on the scale.



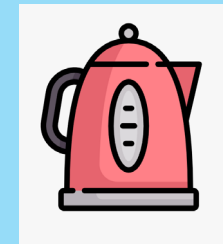
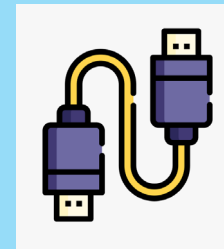
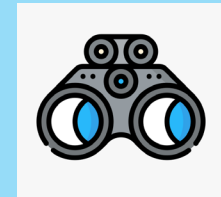
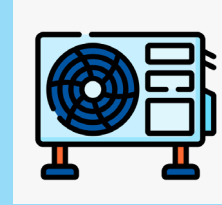


37 !!

How many of the 49 critical raw materials for the EU currently have an import reliance of over 75%?

Pick a number between 0 and 49.

Place the thing(s)
you think contain
critical raw
materials in the
shopping basket.



All items!

Compared to a gas-fired power plant, how many times more OR less mineral resources are needed for an onshore wind farm to make the same amount of energy?



9 TIMES MORE !!

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UK Research
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