



Solar Power Use in School

2740 Tottori West High School

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1. Theme

How to Introduce Solar Power effectively.
(Comparative study between Japan and Australia)

2. Current Situation

Solar Power problem in Tottori West HS.



Our panels generate about **3000kWh** per month.
Which is **1/6** electricity of Tottori West HS uses in a month.(average)

BUT

All the solar power is used only for this fish tank!!

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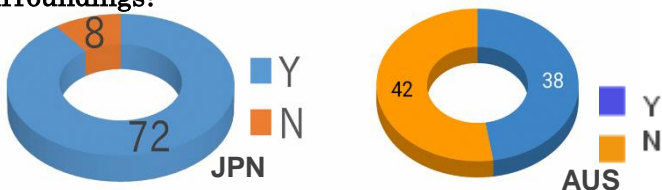


3. Interview

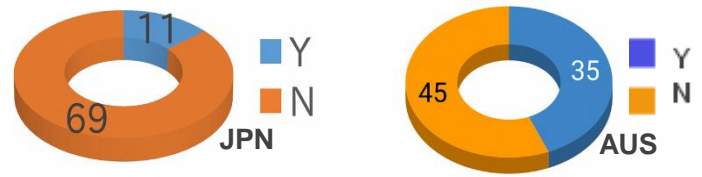


*We interviewed **160 people**.(80 each)
(at Tottori Station, Sydney and University of Adelaide.)
*We asked 5 questions with 3 answers "Yes" "No" "Neither".

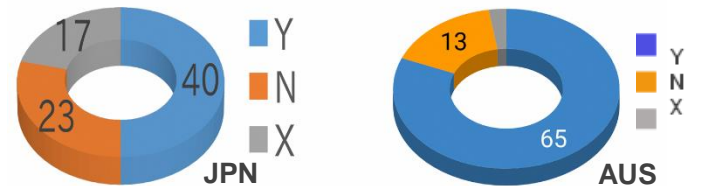
Q1. Do you know where the solar panels are in your surroundings?



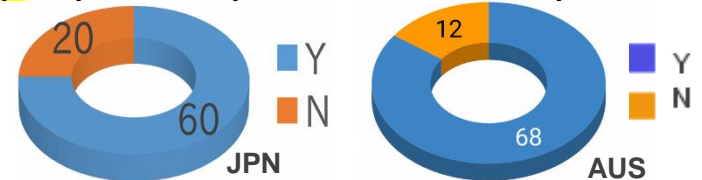
Q2. Are you planning to place any solar panels on your house?⁰²



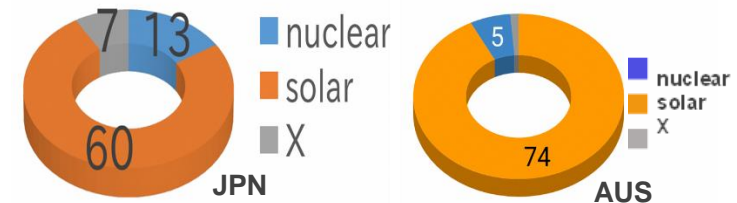
Q3. Do you think current electric fee is high?



Q4. Do you have any habits to save electricity?⁰⁴



Q5. Which do you prefer, Solar Power or Nuclear Power?⁰⁵



4. Consideration

AUSTRALIA

The electric fee is expensive. ⇒ save electricity
Prefer solar power than nuclear power.

JAPAN

50% think the electric fee is expensive.
Many people are for solar power generation,
but some are against. ⇒ increasing the electric fee

The problem is...

How to keep balance between the demand and costs of solar power.

5. Our ideas

- install solar power on a large scale.
- lower construction cost per piece
- PLUG IN our electric devices



6. Reference

地図で読む日本の再生可能エネルギー 馬上丈司他著
永続地帯研究会編 旬報社 2013年