



Classroom Discussion

AGRICULTURE LANDS DEGRADATION AS THE RESULT OF BRICK MAKING INDUSTRY IN WEST JAVA, INDONESIA

Introduction for Classroom Discussion

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| Subject | : | English |
| Grade | : | 12 |
| Major | : | Office Management – Vocational High School |
| Date | : | April 25 th , 2018 |

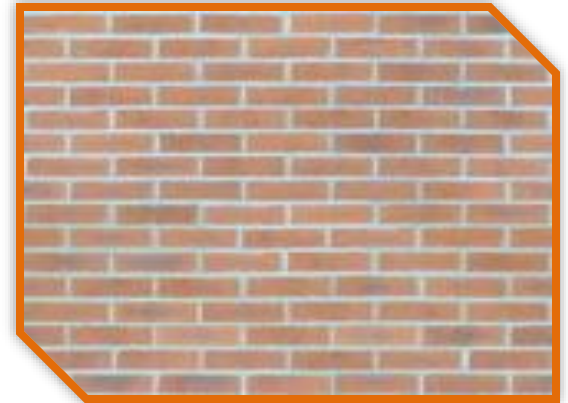
“The Original” of Our West Java Island



Early Disaster



Property “booming” development in greater Jakarta since 2002, required huge number of bricks



West Java Governor stated that in 2016, West Java developed more that **2.9 million house** and office buildings
= at least **14.5 billion brick** was used to support this development (5000 brick / per house)

The Brick Industries Problem

Brick industry seek land owners to produce bricks in West Java area, especially GARUT!



Compensation for Land Lord:

- Un-proportional **Rent Fee = \$7 / per 14m² / per year**
- **“Rent”** definition in Brick Industry =
 - Land will be used as brick production location
 - The brick making industries **rake the upper soils** until two or three meter depth.

Poor Land-Lord Farmers Perspective



- Very happy with “un-expected” money!
- Happy with new job in their own land
 - *Brick industries workers*
- Does not realize the long implication



Top soil exploitation = lost fertile layers for long period

- “Un-expected money” mostly used to buy unnecessary things

Current Condition



- Only the remaining **hard and unfertile soils** left to the farmers.
- Land Productivity decrease Sharply
- **Zero land rehabilitation by brick industries**
- Farmers Lack of knowledge in rehabilitating degraded land

Main Problems

- Hard and Unfertile Soils
- Soil Erosion





Based on your Biology Class and Discussion in the Library, what are your ideas to solve this environmental problem?

- **Define the issue**
- **Identify some solutions**
- **Arrange a poster to display your group discussion results!**