

People's Republic of China: From Waste to Clean Energy

Reading Comprehension

Match the word to its meaning:

Vocabulary	Meaning
1. Sludge	a) Thick mud or sticky waste material
2. Reaping	b) A secure and stable job
3. Iron-rice bowl	c) To get or receive something good
4. Rot	d) To decay or break down
5. Aim	e) The goal or purpose
6. Drudgery	f) Hard, boring, and tiring work
7. Crop	g) Plants grown on a farm for food
8. Pipelines	h) Pipes used to move gas or liquids
9. Households	i) Families or homes
10. Trial	j) A test or experiment
11. Biogas digester	k) A machine that turns waste into gas
12. Fetch	l) To get a price or take something back

Multiple Choice Questions. Choose the correct answer.

- What change has improved Zhang Jianfen's daily life since 2004?
 - She started growing organic vegetables.
 - She switched from a coal stove to a biogas oven.
 - She began pig farming.
 - She moved to a city in the PRC.
- What is the main goal of the Efficient Utilization of Agricultural Wastes Project?
 - To increase coal usage in rural areas.
 - To promote biomass-based renewable energy systems.
 - To build more coal-burning stoves.
 - To import foreign foods to rural villages.

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3. How does the project help women in rural villages?
 - a) By reducing their cooking workload with biogas stoves.
 - b) By providing jobs in pig farming.
 - c) By encouraging them to move to cities.
 - d) By teaching them how to burn animal waste safely.
4. What environmental problem does using agricultural waste for biogas help solve?
 - a) Overfishing in local rivers.
 - b) Burning crop waste and rotting animal waste.
 - c) Air pollution from factories.
 - d) Shortage of clean water.
5. How many households did the Xinxing Pig Breeding Co. supply with free biogas in the trial?
 - a) 50
 - b) 100
 - c) 300
 - d) 500
6. What benefit did farmer Fan Sanshu gain from the project?
 - a) He was able to stop pig farming.
 - b) He grew organic tomatoes heated with methane gas and increased his income by 50%.
 - c) He found a new job as a project manager.
 - d) He moved his farm closer to the city.
7. Why does the project emphasize training farmers and promoting markets?
 - a) To ensure farmers know how to use biogas and sustain their business.
 - b) To get farmers to stop using biogas and switch back to coal.
 - c) To import foreign technologies for farming.
 - d) To build new stoves for urban areas only.