



# CORN-COMP

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## DESCRIPTION OF INNOVTION

- Commonly after the harvesting, the corn stalks removed in many ways. One of them are burning the corn stalks.
- Agricultural waste materials and annual plants have become alternative raw materials for the production of particleboard.
- There's a lot of demand for wood product in wood industry, but the supply for timber is decreasing cause of the lack of timber's resources. We use corn stalk as a alternative for producing wood product which are the particle board.

## THE IMPACT OF INOVATION

- The manufacture of particleboard from corn stalks has the potential as a income for Malaysia's economy.
- The ability of non-wood material in construction.
- Change the waste to wealth that can bring a lots of benefits toward humans and world.

## OBJECTIVES

- To produce particleboard from corn stalk.

## METHODOLOGY

1. Collect raw materials.
2. Drying raw materials.
3. Chipping.
4. Drying raw materials into oven.
5. Obtain the moisture content.
6. Resin mixing.
7. Put into hot pressing.
8. The panel is ready.