

# Engineered High Energy Crop Programs

## PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

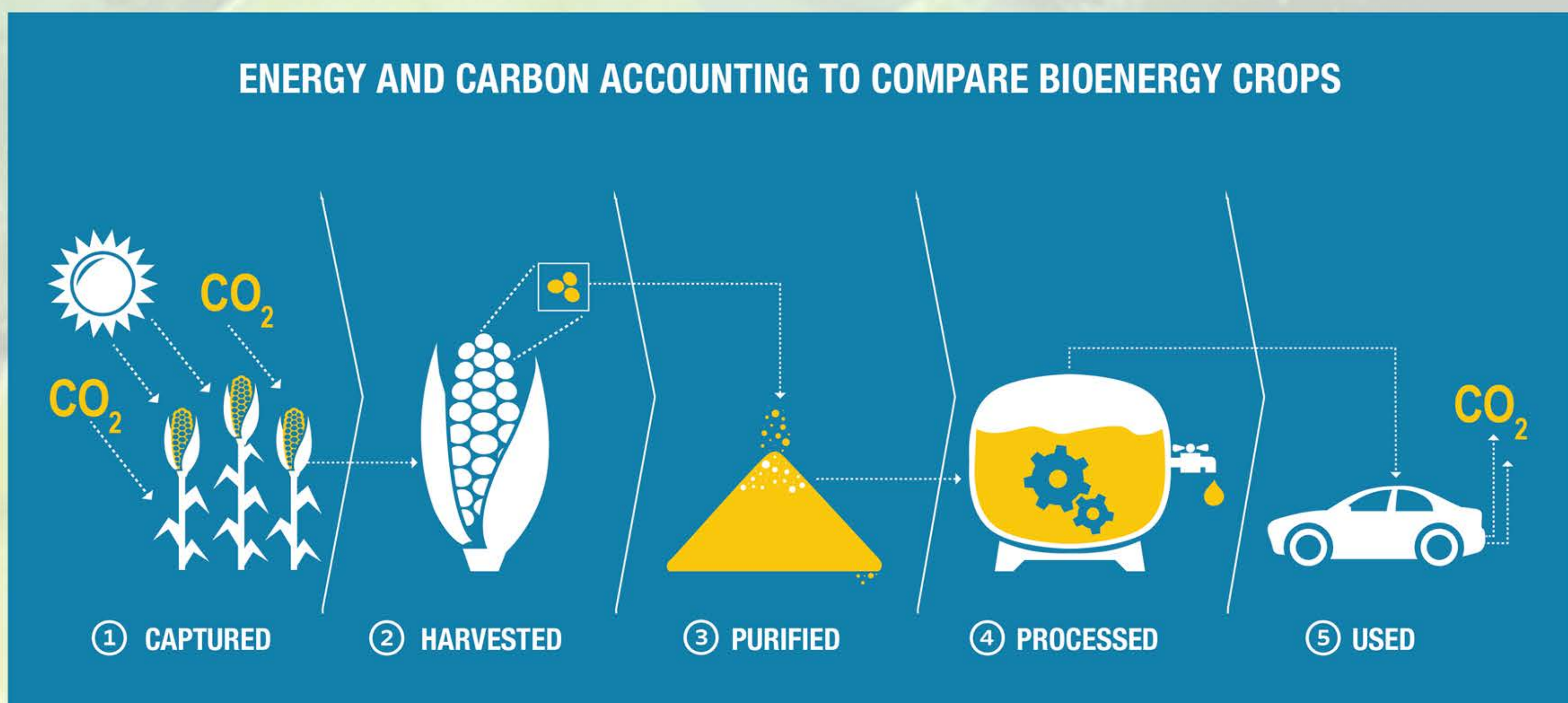
### WHAT ARE ENGINEERED HIGH ENERGY CROPS?

Engineered High Energy Crops (EHECs) are plants specifically engineered for increased energy production.

EHECs are:

- Agriculturally-viable photosynthetic species that contain genetic material that has been intentionally introduced through biotechnology, interspecific hybridization or other engineering processes (excluding processes that occur in nature without human intervention); and
- Intended to produce more energy per acre by producing fuel molecules that can easily be introduced into existing energy infrastructure.

The representative graphic below shows how engineered biofuel crops are converted into usable biofuels for transportation (using corn as an example biofuel crop).



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