



# Bioethanol production in sugarcane Without competition with foods



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## Cane use for multi purpose





#### The combined process "lejima Method"





International patent of Asahi Group Holdings Co., Ltd and NARO/KARC

## Step 1; Interspecific hybrid











Higher ratooning ability

 NiF8

Ratoon crop in Tanegashima

**Cane for combined process** 

Supported by Ministry of Agriculture Forestry and Fisheries

#### Yield of Cane for combined process 'KY01-2044'





1.5 to 2 times more total amount of sugars More ratoonig is available (Multi-ratooning)

## Step 3; Creating new type cane





expected

New generations

#### New type cane + New process

#### Start with crop productivity





## A little sustainable island







## Thank you

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