

The Mindanao Water-Energy-Food Nexus

A presentation by Assistant Secretary Romeo Montenegro



**Panel Discussion on Food Origins and Ecological Balance
1st Sustainability Solutions Exchange (SSX) Conference
March 24, 2022**

Investing in Mindanao as the Country's Food Basket is Key to National Economic Recovery

36%

of the country's
farm area

43%

of the country's
total farm
produce

36%

GVA 2015-2017
Source: PSA



Mindanao *in the world!*

#World's Top 2 Banana Exporter

#World's Top 3 Seaweeds Exporter

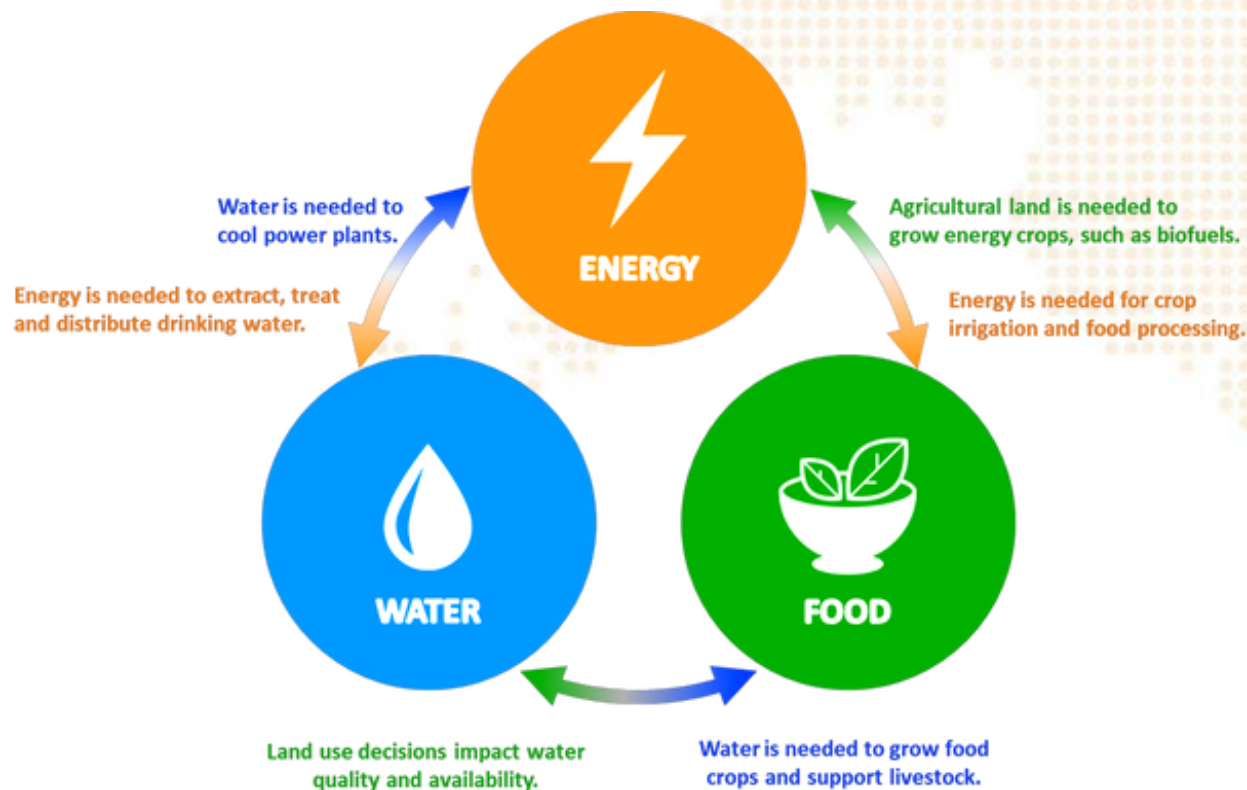
#World's Top 4 Pineapple Exporter

#World's Top 7 Rubber Producer

#World's Top 8 Tuna Producer

Our Approach: Water-Energy-Food Nexus

Paying equal attention to the interdependencies between water, energy, food and the climate.



Energy demand for agriculture

Energy for transport



Energy for Irrigation



Energy for Production



Energy for Storage



Energy for post processing of food items like drying, peeling etc.



Processing, post-harvest, storage and cooling are energy-intensive steps of many agricultural value chains

Renewable Energy Technology to Increase the Value-added of Seaweeds in Tawi-Tawi (RETS Project)



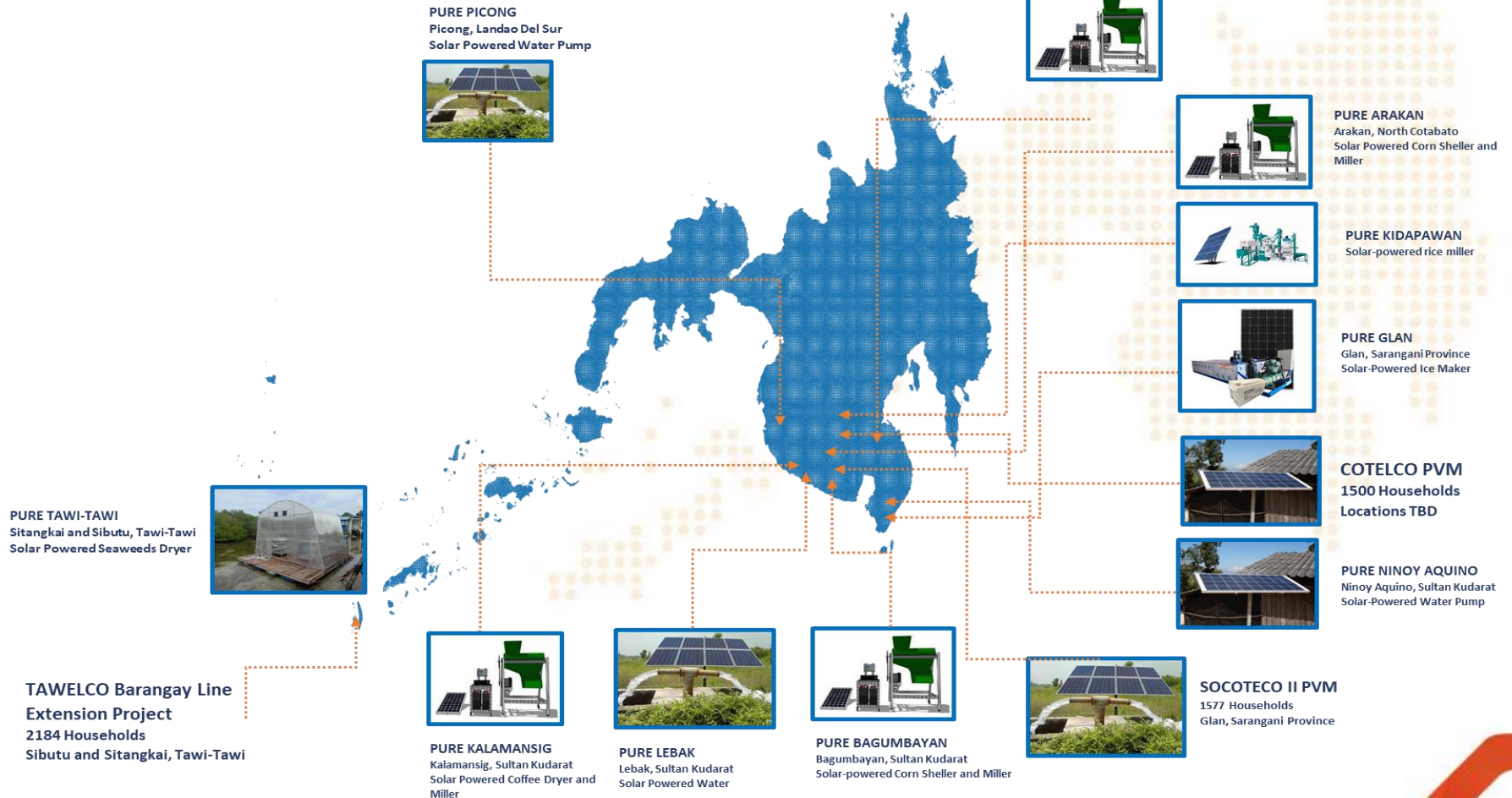


I-PURE MINDANA

Integration of Productive Uses of Renewable Energy
for Inclusive and Sustainable Energization in Mindanao



Action
funded by
the
European
Union





***Full transition
to clean energy
is going to be a
difficult task,
but possible
when we work
TOGETHER as a
One.***

شكراً

SHUKRAN

Daghang Salamat

MARAMING SALAMAT



Mindanao Development Authority

Coordinates | Harmonizes | Integrates

10th & 14th Floors, Pryce Tower, Pryce Business Park,
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