

An aerial photograph of the Muan wetland protected area. The foreground is dominated by vast, flat tidal flats with patches of reddish-brown vegetation. A winding, light-colored path or stream cuts through the flats. In the middle ground, a large, modern visitor center with a curved roof and glass facade is surrounded by green lawns and trees. A wooden walkway or pier extends from the center towards the water. The background shows a mix of agricultural fields, small buildings, and distant mountains under a sky with scattered white clouds.

# Muan wetland Protected Area

# MPAs in Muan wetland [muan county]

## Status of Muan County



Population : 88,660 Person



Area : 450.3 km<sup>2</sup>



Industrial Structure:  
Primary 53%, second 11%, Tertiary 36%



Budgets : 5,291 hundred million



**Sea Area : 199.5 km<sup>2</sup>, Length of Coastline: 229.55km**

# MPAs in Muan wetland [muan county]

## ▶ Overview of assign

- Designation : MPA in Muan wetland
- Date : 2001.12.28
- Location : hyenkyong, heaje sub county
- Area : 42km<sup>2</sup>
- Characteristic

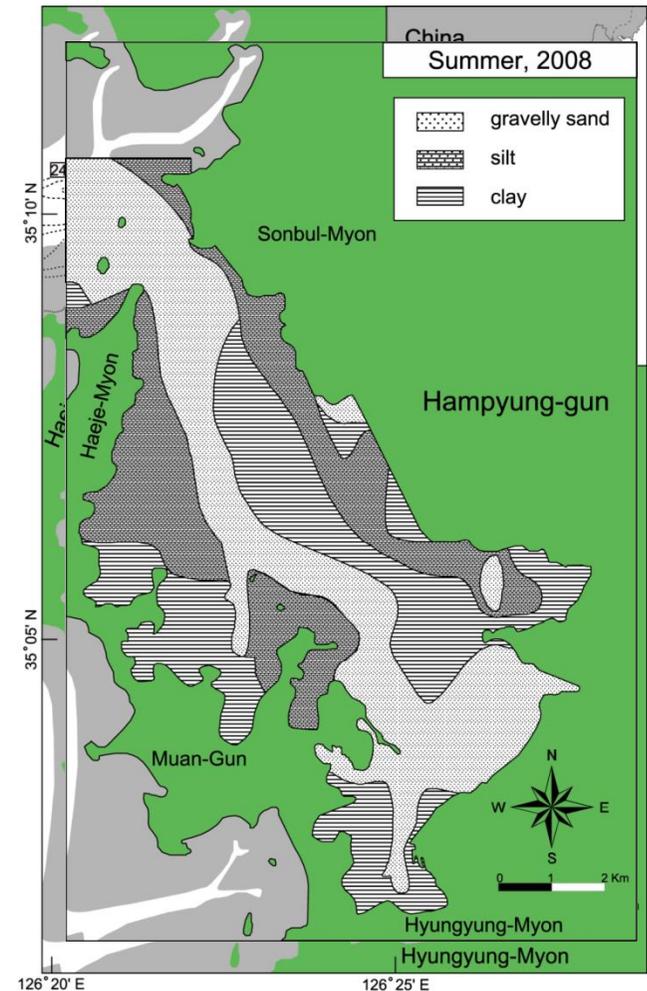
Ramsar site No. 1732 : 2008.1.14

Provincial Park of Muan wetland : 2008.6.8

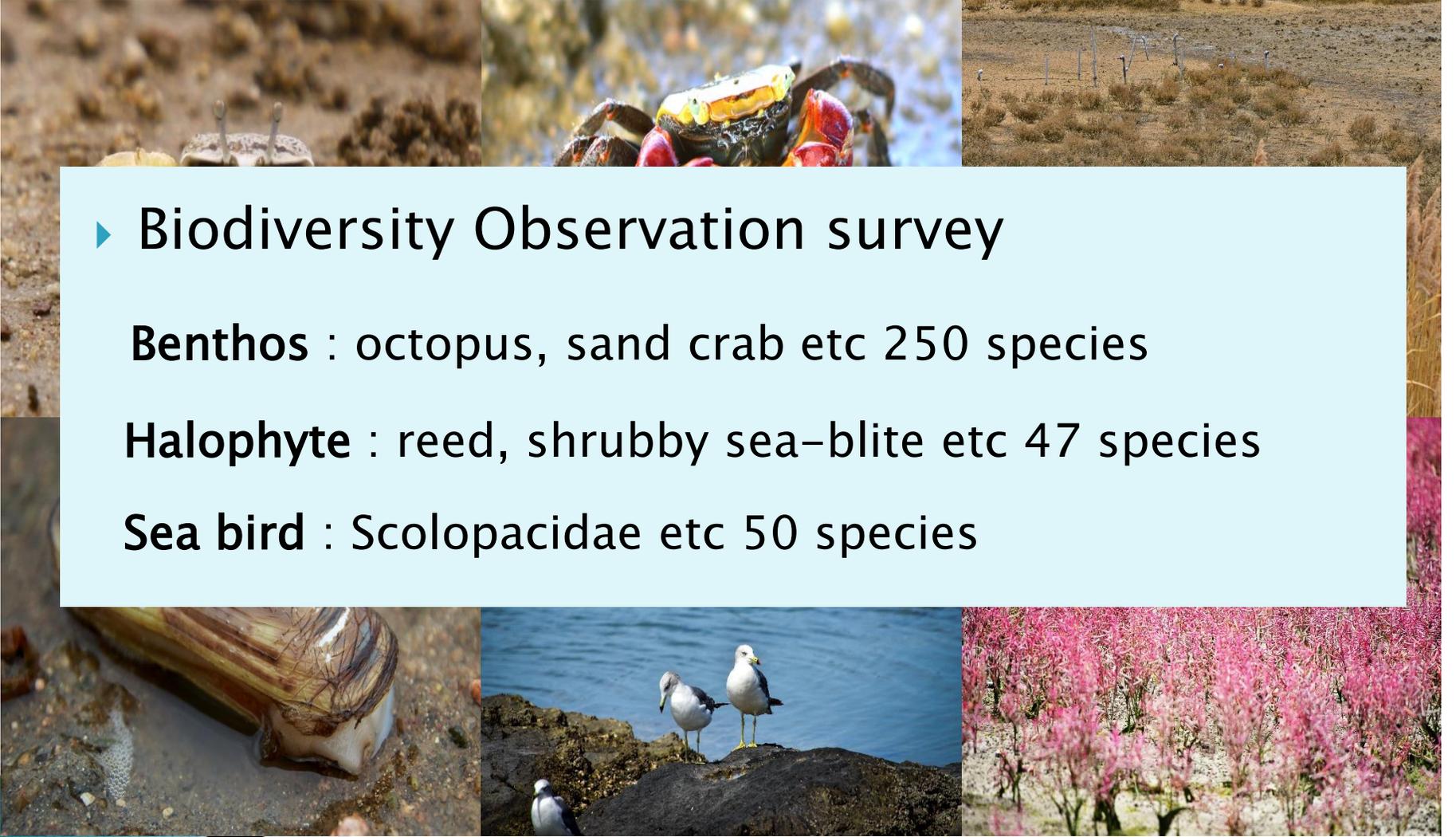


# Key features of the site in Muan county

- ▶ Sediment Characteristics
  - Half closed bay
  - Average of tidal range : 3m~6m
  - Sediment distribution : gravel, mud, sand



# Key features of the site in Muan county



- ▶ Biodiversity Observation survey

**Benthos** : octopus, sand crab etc 250 species

**Halophyte** : reed, shrubby sea-blite etc 47 species

**Sea bird** : Scolopacidae etc 50 species

# Key features of the site in Muan county

Culture diversity  
(fishing and food)

Fishing culture

Food culture



# Key features of the site in Muan county

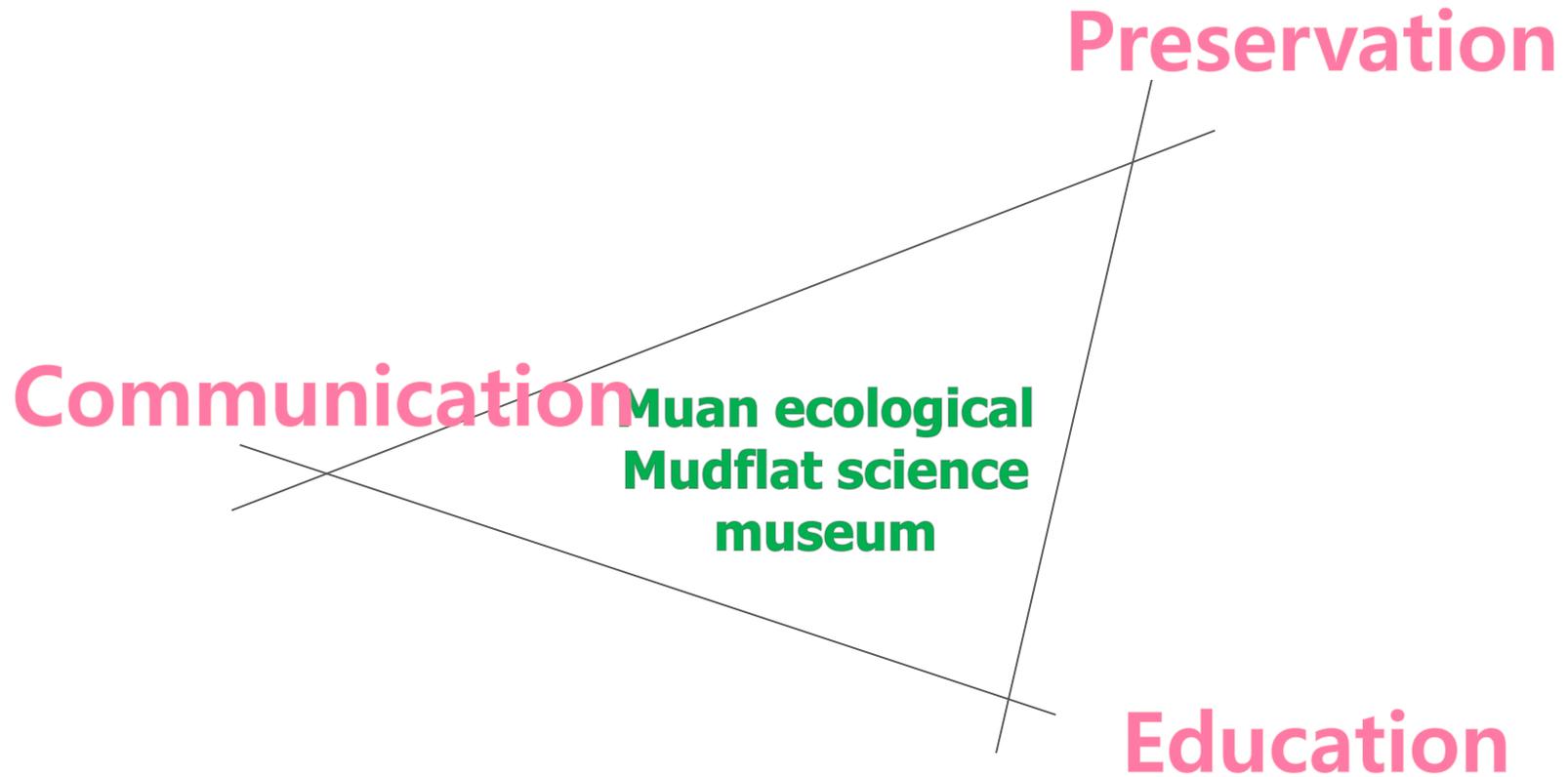
## ▶ Status of Muan Ecological Mudflat Science Museum

- Location : haeje-myoon, Muan-county, Rok
- Area : 58,104 m<sup>2</sup>
- Facility : Visitor center, Ecological park etc.



# Key features of the site in Muan county

- ▶ Network of Regional center





# Key features of the site in Muan county

## Ecological Monitoring



# Key features of the site in Muan county

## Ecological Monitoring

Benthos 2species



Birds 10species



Legal protected species  
12species



# Key features of the site in Muan county

Visitor center

Total floor area 3,378m<sup>2</sup> / 90 items



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# Key features of the site in Muan county

## Communication



MPA conference



Ecological guide training



Advanced area exploration



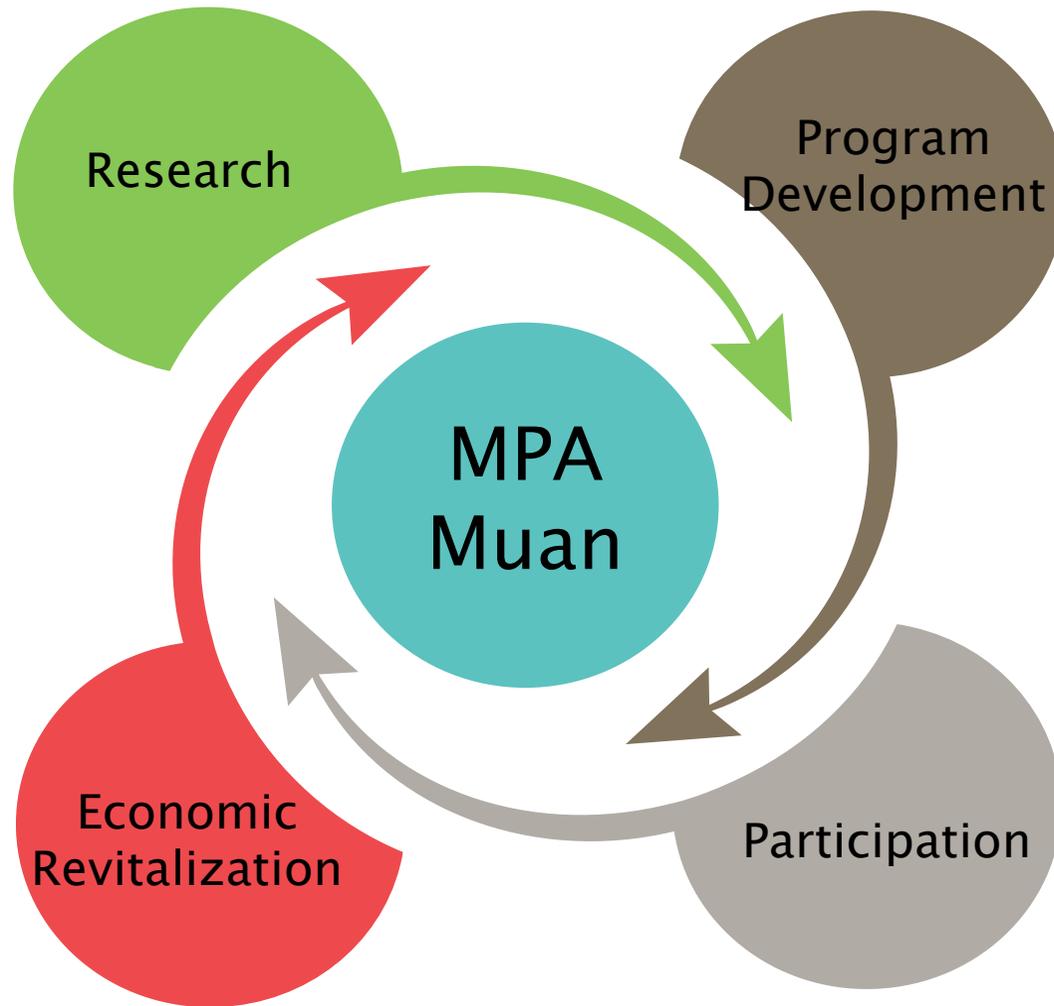
MPA Preservation planning

# Key features of the site in Muan county

## Education program



# Promising Perspective



THANK YOU