

# CO<sub>2</sub> Removal by Seaweeds

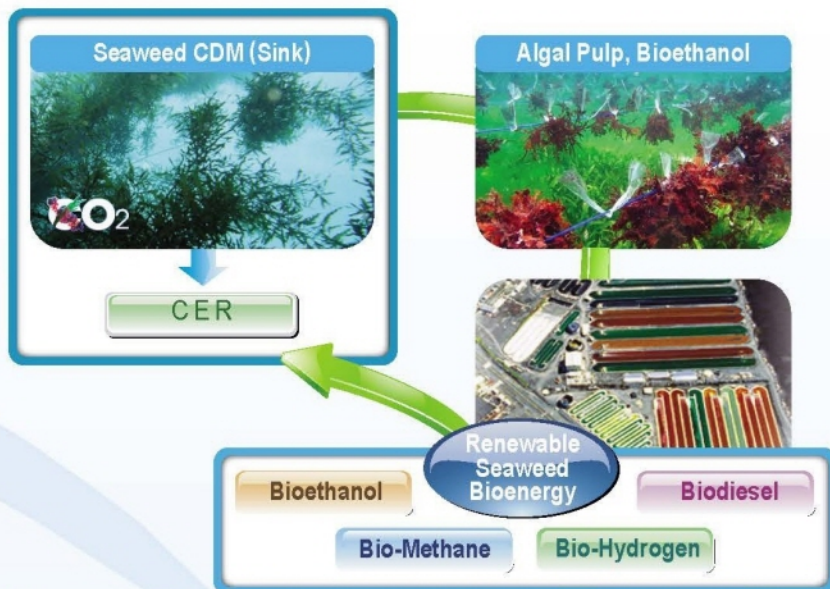
Ministry of Land, Transport and Maritime Affairs  
Korean Institute of Marine Science & Technology Promotion  
Pusan National University

CO<sub>2</sub>



December 2009

## Seaweed CDM Project

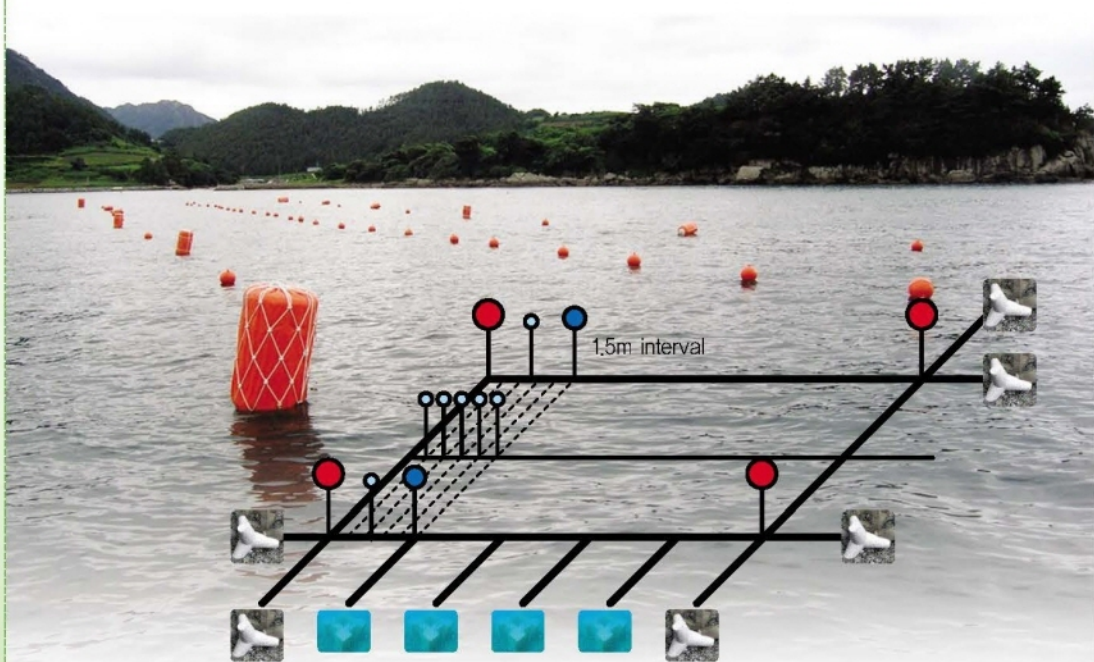


## Coastal CO<sub>2</sub> Removal Belt (CCRB)





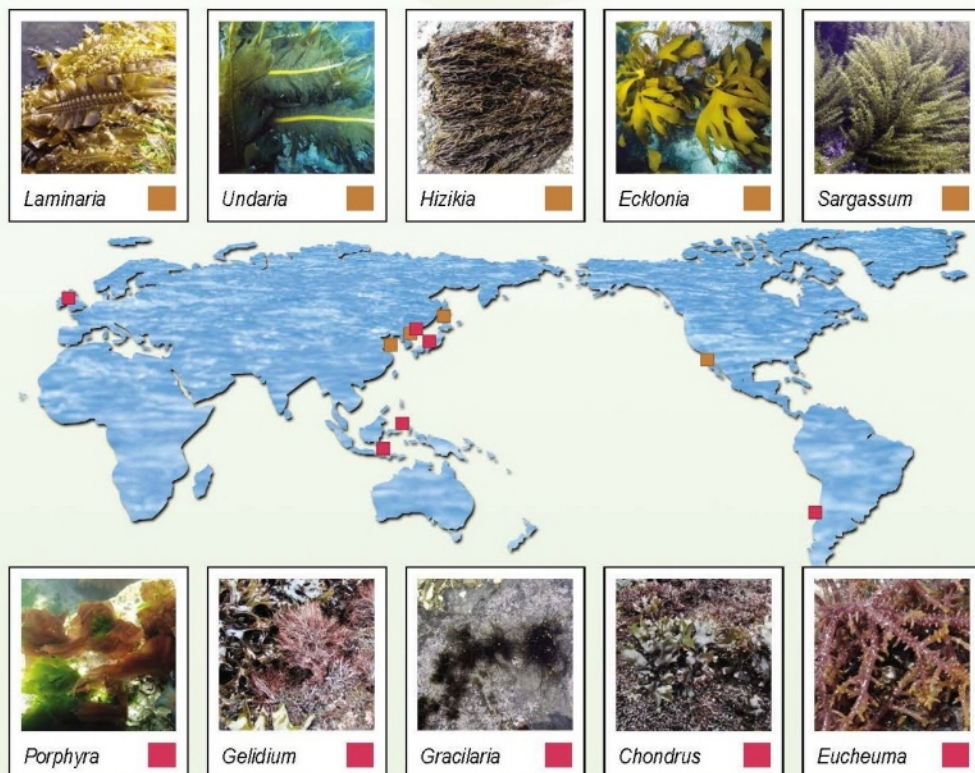
## ■ Pilot Plantation of Seaweed-CDM: Sojukdo, Namhaegun, KOREA



## ■ Prospective Strategy of Seaweed Utilization



## ■ Major Species of Seaweed Aquaculture







## ■ Asian Network for Using Algae as a CO<sub>2</sub> Sink

### Asian Pacific Phycological Forum Agenda 21 for Green Paths to the Future



## ■ International Activity for Using Algae as a CO<sub>2</sub> Sink

### Session at ISS19 '07 Kobe, JAPAN



### Side Event at COP13 '07 Bali, INDONESIA



### Session at GOC2008 '08 Hanoi, VIETNAM



### Workshop at APPF5 '08 Wellington, NEW ZEALAND



### Side Event at COP14 '08 Poznan, POLAND



### Session at WOC '09 Manado, INDONESIA



### Session at IPC9 '09 Tokyo, JAPAN



### Exhibition at COP15 '09 Copenhagen, DENMARK



# Participants

General Administration,  
Research in Seaweed  
CDM & International  
Cooperation

(Supervision & Collab.1:  
Pusan National University)

Construction and  
Management of  
Pilot Seaweed CDM

(Collab.2:  
Research Institute of  
Industrial Sci. & Tech.)

Stage 2  
(’09~’11)

Research on Ecology  
and Carbon Budget of  
Pilot Seaweed CDM

(Comm.1: Chonnam  
National University)

Developing Seaweed  
CDM Methodology and  
PDD Proposal

(Collab.3: RCC Co.)

Mass Cultivation of  
Algae as a Mitigation of  
Climate Change

(Comm.1: Pegasus  
International Co.)

General Administration,  
Research in Marine-Bio  
Industry & International  
Cooperation

(Supervision & Collab.1:  
Pusan National University)

Developing Seaweed  
CDM PDD

(Comm.1: Ecoeye, Inc.)

Research on Policy of  
Marine Affairs &  
Fisheries for  
Climate Change

(Comm.2:  
Research Institute of  
Industrial Sci. & Tech.)

Efficiency Evaluation of  
Macroalgae  
CO<sub>2</sub> Removals

(Collab.2:  
Inchun University)

Stage 1  
(’06~’08)

Conservation &  
Technological Management  
of Coastal Algal CO<sub>2</sub>  
Removal Belt in the  
East Sea & the Jeju Sea

(Collab.3: Sungkyunkwan  
University)

Conservation &  
Technological Management  
of Coastal Algal CO<sub>2</sub>  
Removal Belt in the  
South Sea & the West Sea

(Collab.4: National  
Fisheries Research &  
Development Institute)

Practical Use of  
Marine-Bio Technologies  
Utilizing CO<sub>2</sub> Fixing  
Mechanism

(Collab.5: Pukyong  
National University)

Efficiency Evaluation of  
Microalgae  
CO<sub>2</sub> Removals

(Comm.1:  
Dongseo University)

Division of Earth Environmental System, Pusan National University

Busan 609-735, Korea TEL : +82-51-510-2279, FAX : +82-51-581-2963, agw@pusan.ac.kr