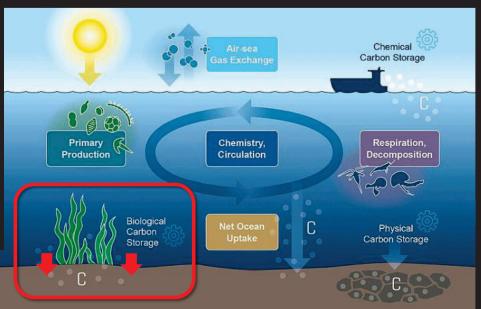
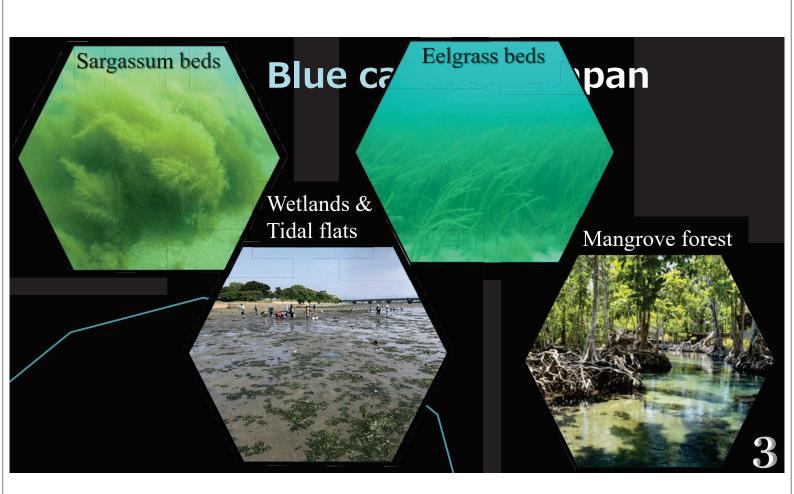
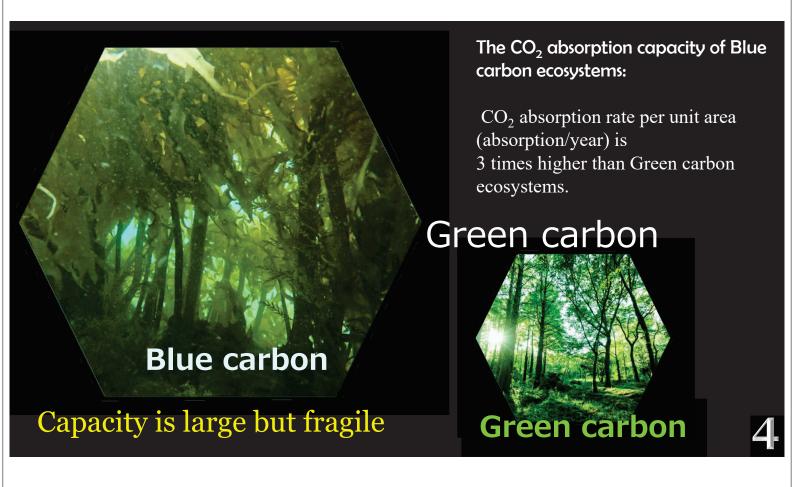


- 1 What is blue carbon and carbon sequestration
- **2** function of seaweed bed building reefs
- **3** Calculation of carbon sequestration and annual changes



New option for carbon sink measures in a report by the United Nations Environment Programme (UNEP) in October 2009





Importance of coastal areas

Food supply



Coastal protection



Global warming mitigation

Tourism and recreation

Education



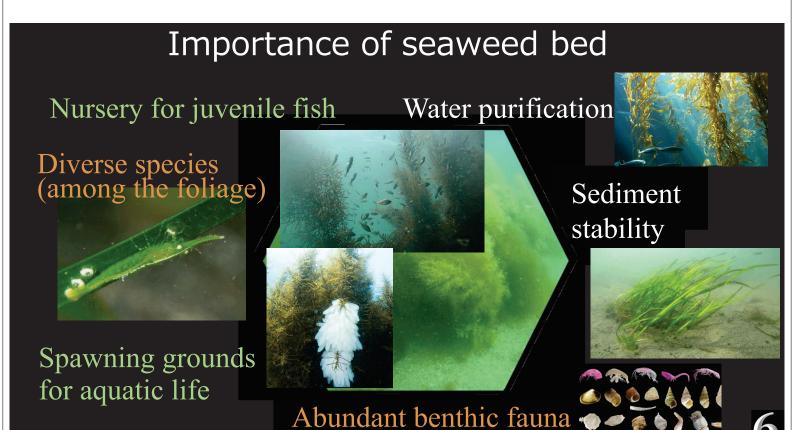


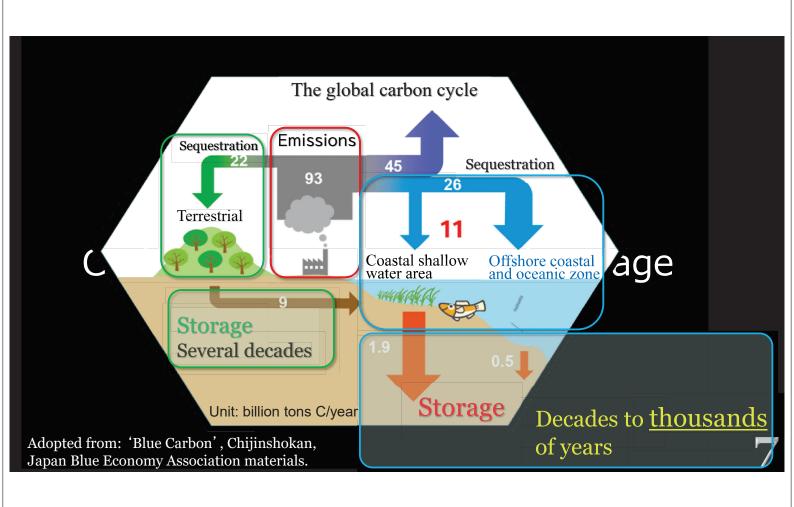
Research

A place for daily relaxation

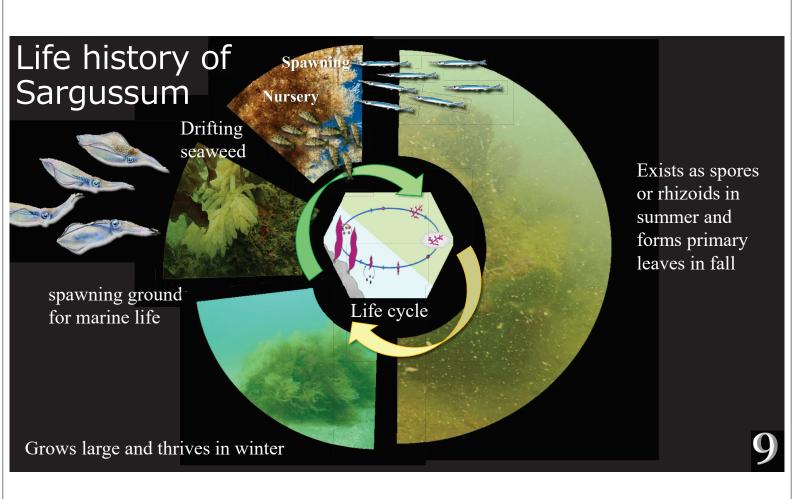


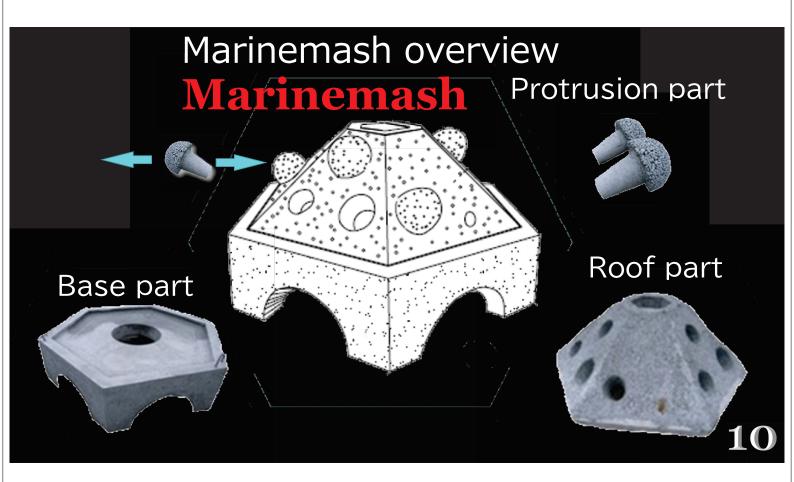


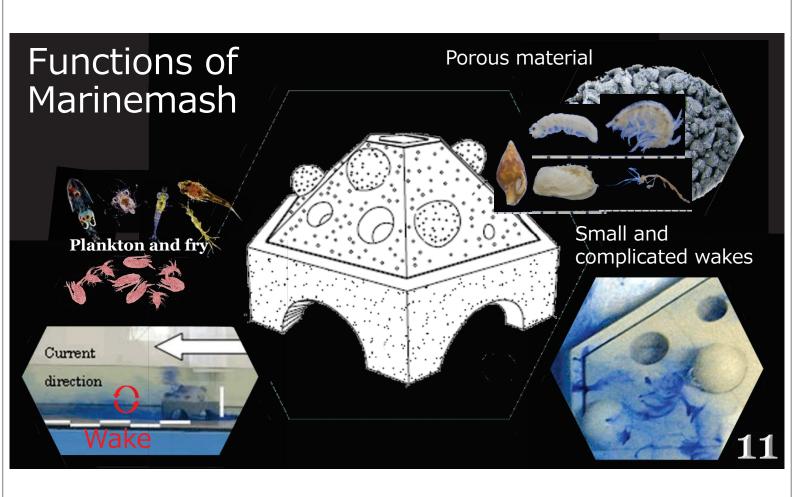


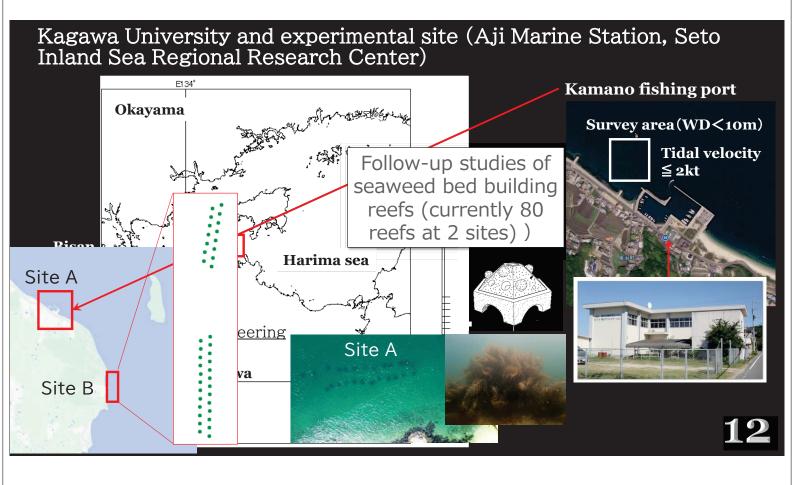








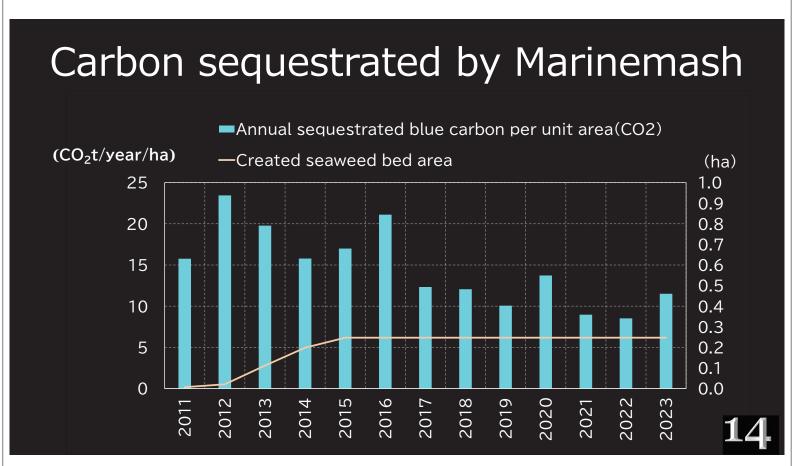




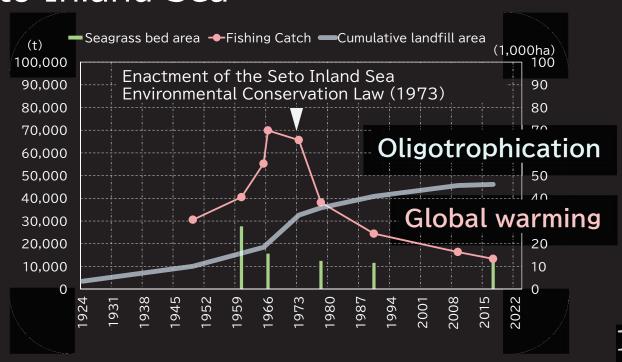
Estimating Carbon Sequestered by Marinemash [CO₂ sequestration/year]= [Absorption coefficient (tons CO₂/ha/year)] (Annual increase in carbon sequestered per unit area of ecosystem) [Area of ecosystem in question (ha)]

= 0.247ha

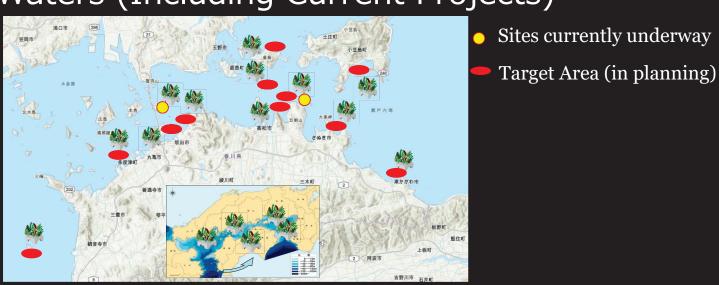
Site B



Key points for the regeneration of the Seto Inland Sea



Social Implementation Plan for the Bisan Seto Waters (Including Current Projects)



If 1.74 hectares of seaweed beds are established per site over a period of 5 years, the creation of 13 sites will result in a total of 22.62 hectares of seaweed beds.

(Assuming 200 structures per site with a production cost of 500,000 yen per structure.) This initiative will utilize both public works and private investment.

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Construction in other regions and wide-area development

