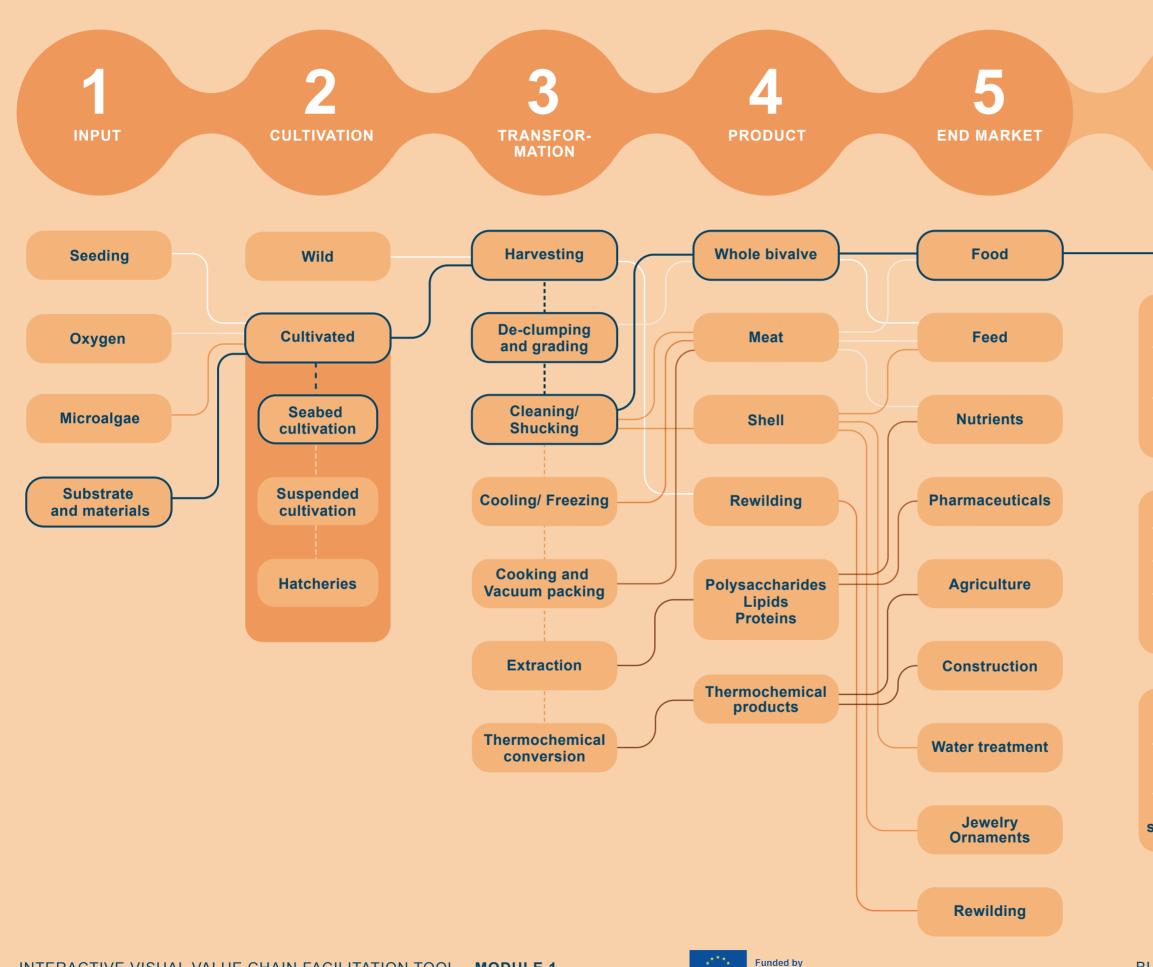
#### BIOMASS BOARD - BIVALVES (SCALLOPS, MUSSELS, COCKLES, CLAMS, AND OYSTERS)



BLU

the European Union

INTERACTIVE VISUAL VALUE CHAIN FACILITATION TOOL - MODULE 1





## Nutrient cycling

Habitat provisioning

Biodiversity enhancement

#### Food

Feed

**Fertilizers** 

Construction materials

Biochemical cycles

Carbon sequestration

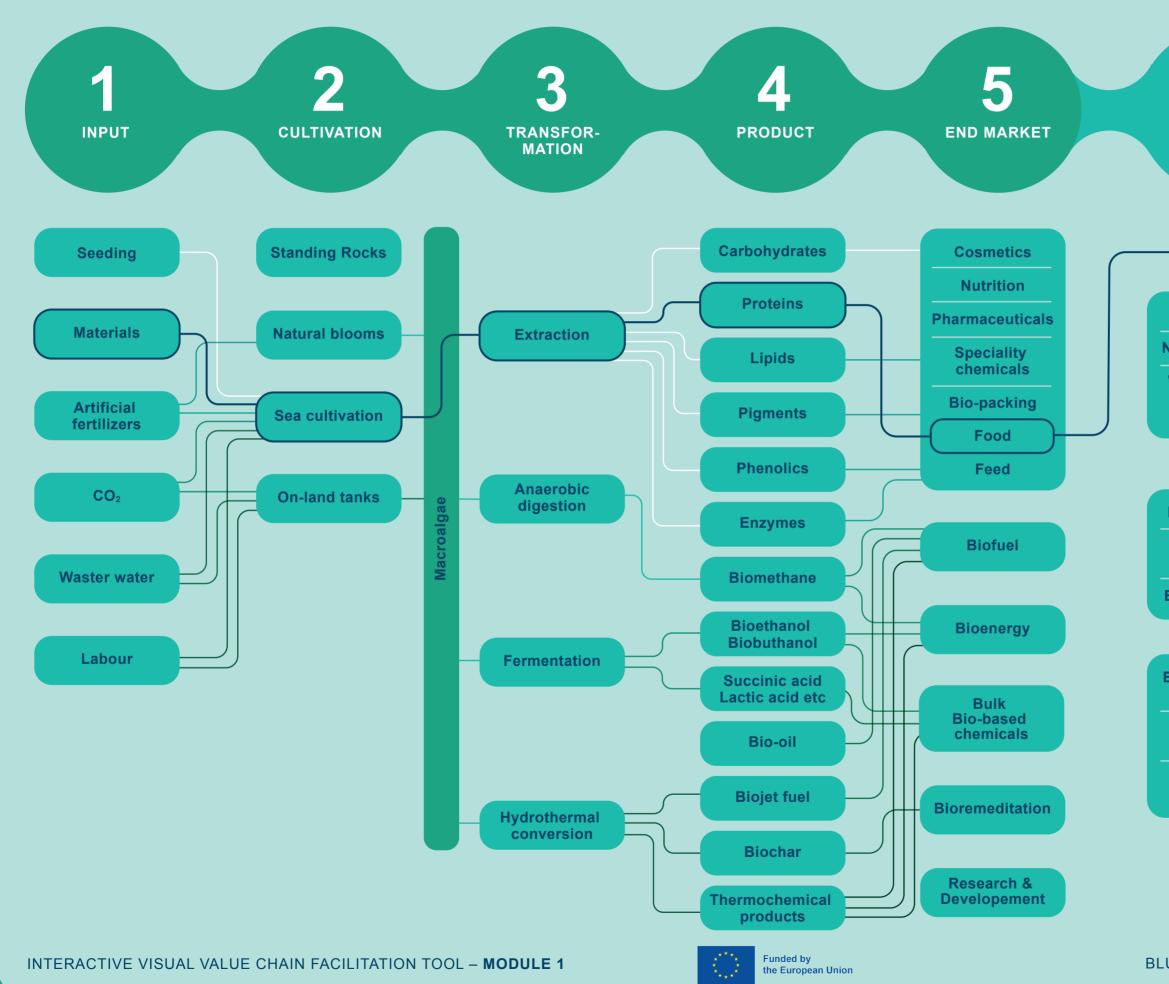
Prevents shoreline erosion

#### **Involved Actors**

- Mussel farmers
  and companies
- · Depuration plants staff
- Lab technicians (analysis of mussel samples)
- Cooperatives
- Refrigerated transport/ logistics
- Restaurants, catering companies and supermarkets



BIOMASS BOARD – MACROALGAE







#### Food web

**Nutrient cycling** 

Water current & sediment management

**Raw materials** 

Chemical resources

**Energy supply** 

# Eutrophication regulation

Science & education

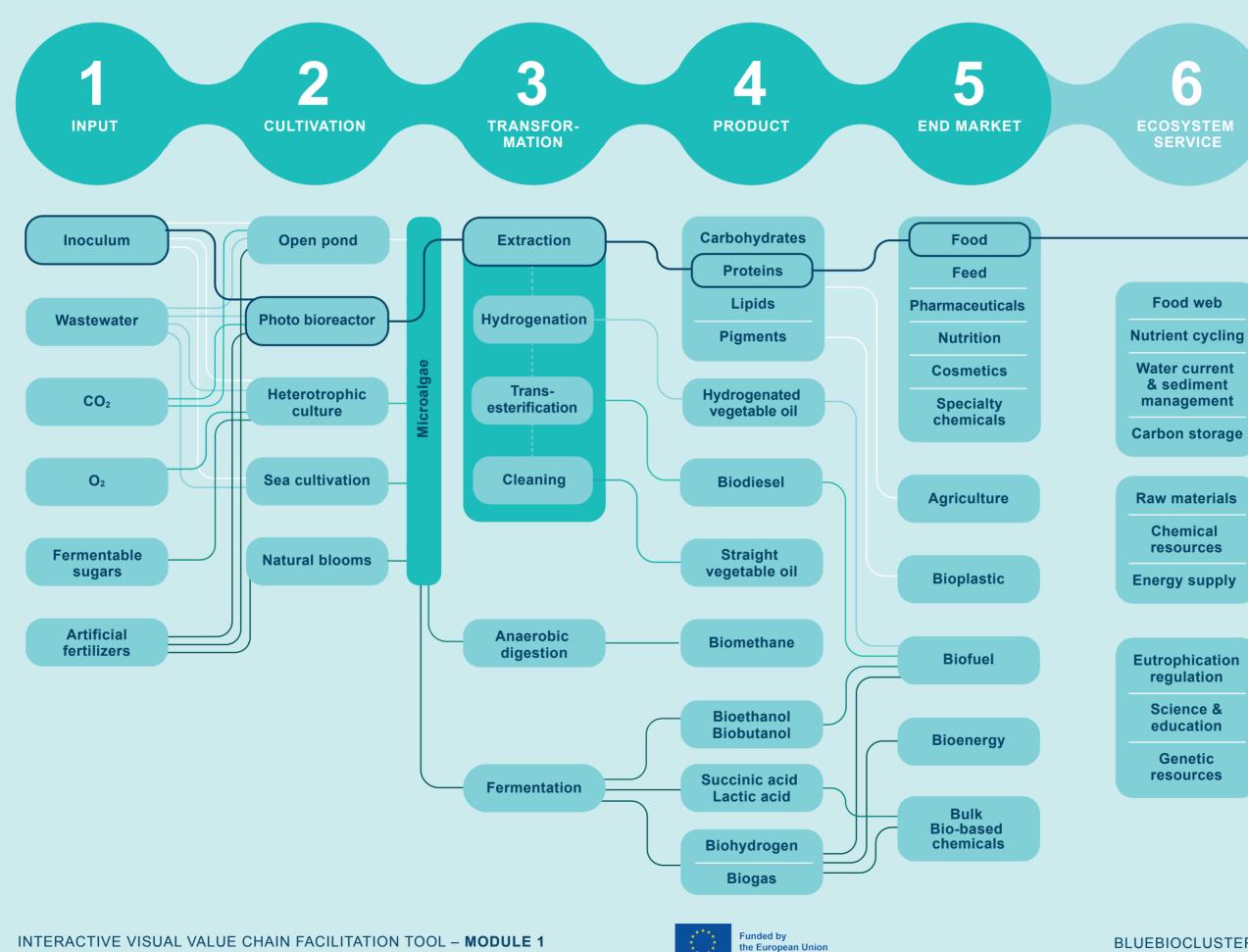
Genetic resources

#### **Involved Actors**

- Seaweed bio-banks
- Seaweed nursery
- Seaweed farm labourers
- Biorefineries / processor / businesses
- Supermarkets / shops / restaurants



BIOMASS BOARD – MICROALGAE



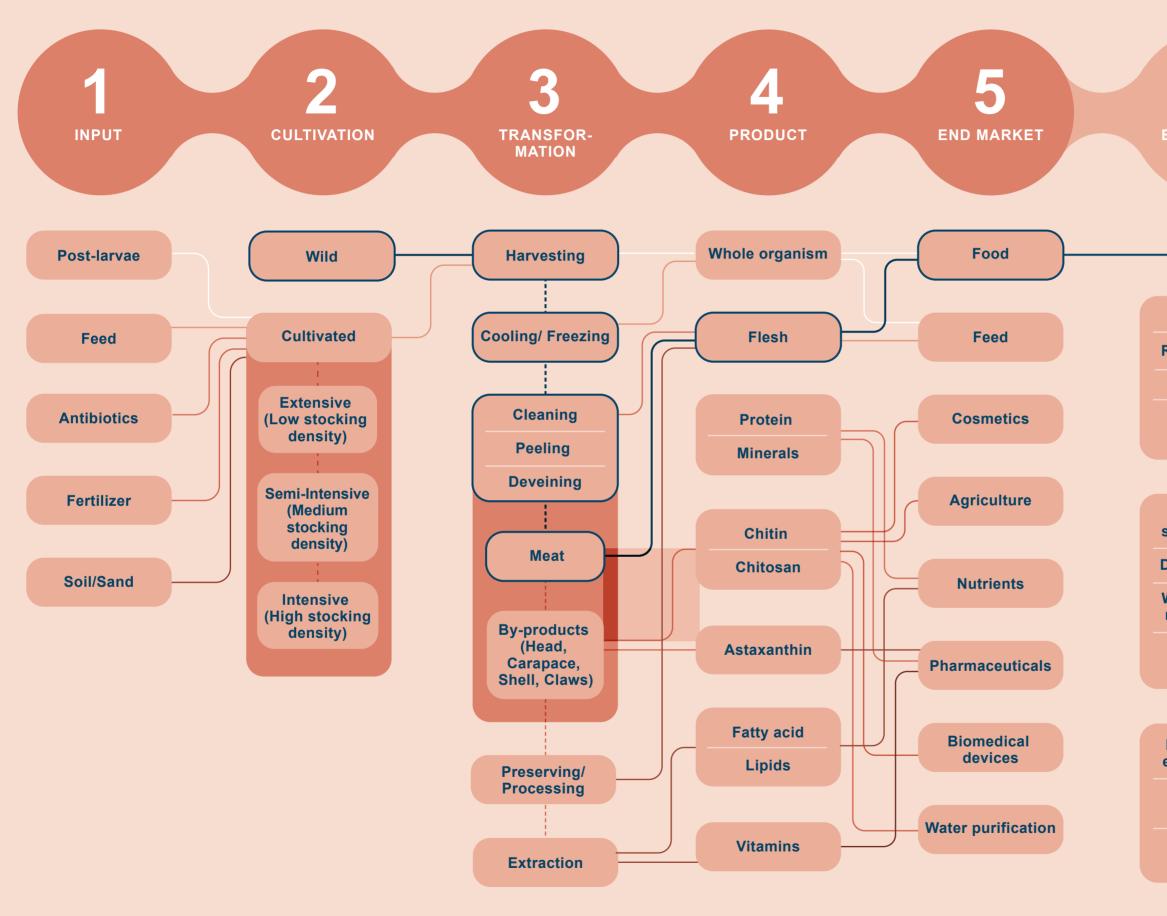


#### **Involved Actors**

- · Microalgae producers/ Algatech
- International corporation backing
- · High-skilled labour, bakeries/ baking companies



#### BIOMASS BOARD - CRUSTACEANS (SHRIMP, PRAWN, LOBSTER, AND CRAB)







**ECOSYSTEM** SERVICE

#### Food

**Raw materials** 

**Medicines** 

Habitat provisioning

#### Carbon sequestration

Denitrification

Water quality maintenance

Sediment stabilization

**Biodiversity** enhancement

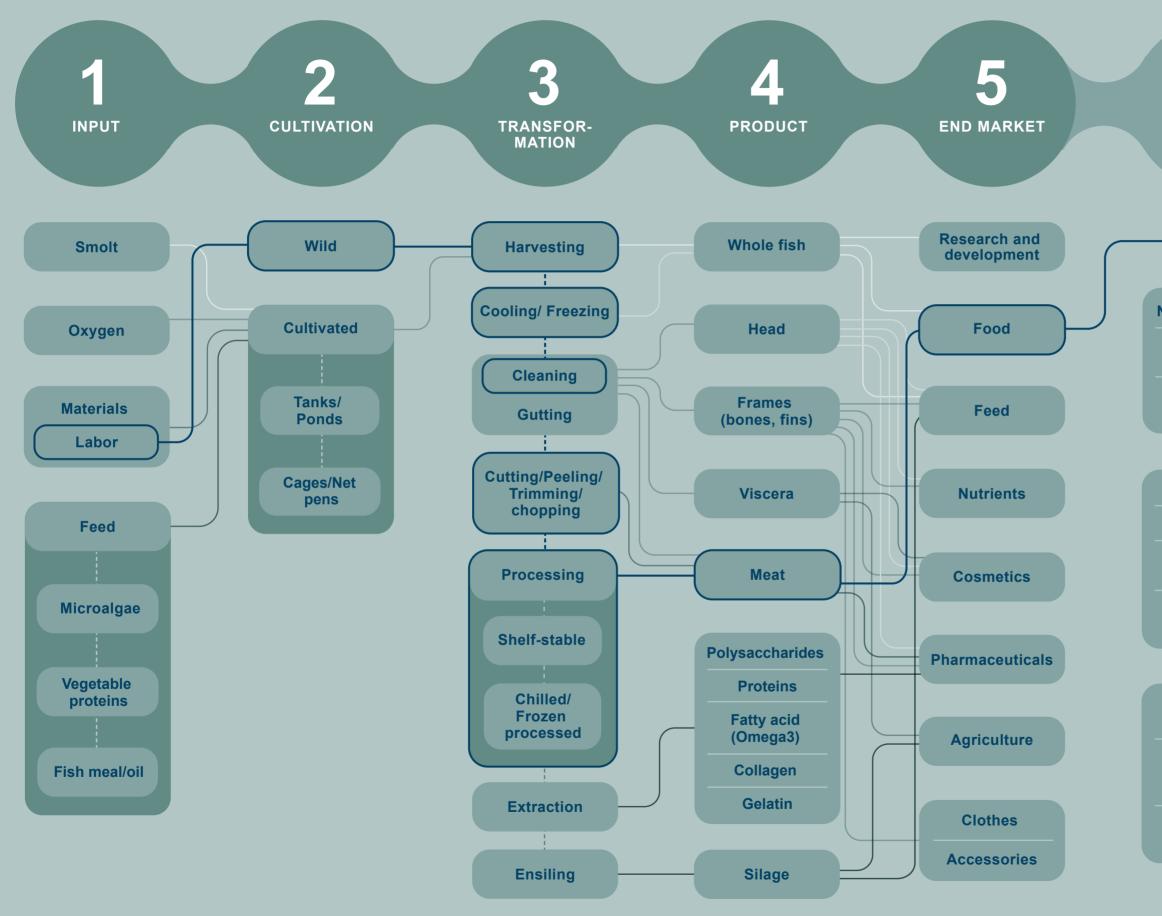
Genetic resources

Science & education

#### **Involved Actors**

- Boat crew
- · Low-skilled labour (sorting, manual peeling, or is this automated, MP: both exist depending on the processing plant scale)
- Food processing plant employees (ready to eat dishes)
- High-skilled labour (lab technicians, quality supervisors)
- Refrigerated transport/ logistics
- · Restaurants, B2B distributors, supermarkets









## 6 ECOSYSTEM SERVICE

### Nutrient cycling

Ecosystem resilience

**Biodiversity** enhancement

#### Food

Feed

Genetic resources

Ornamental resources

**Biochemical** cycles

**Tourism &** recreational activities

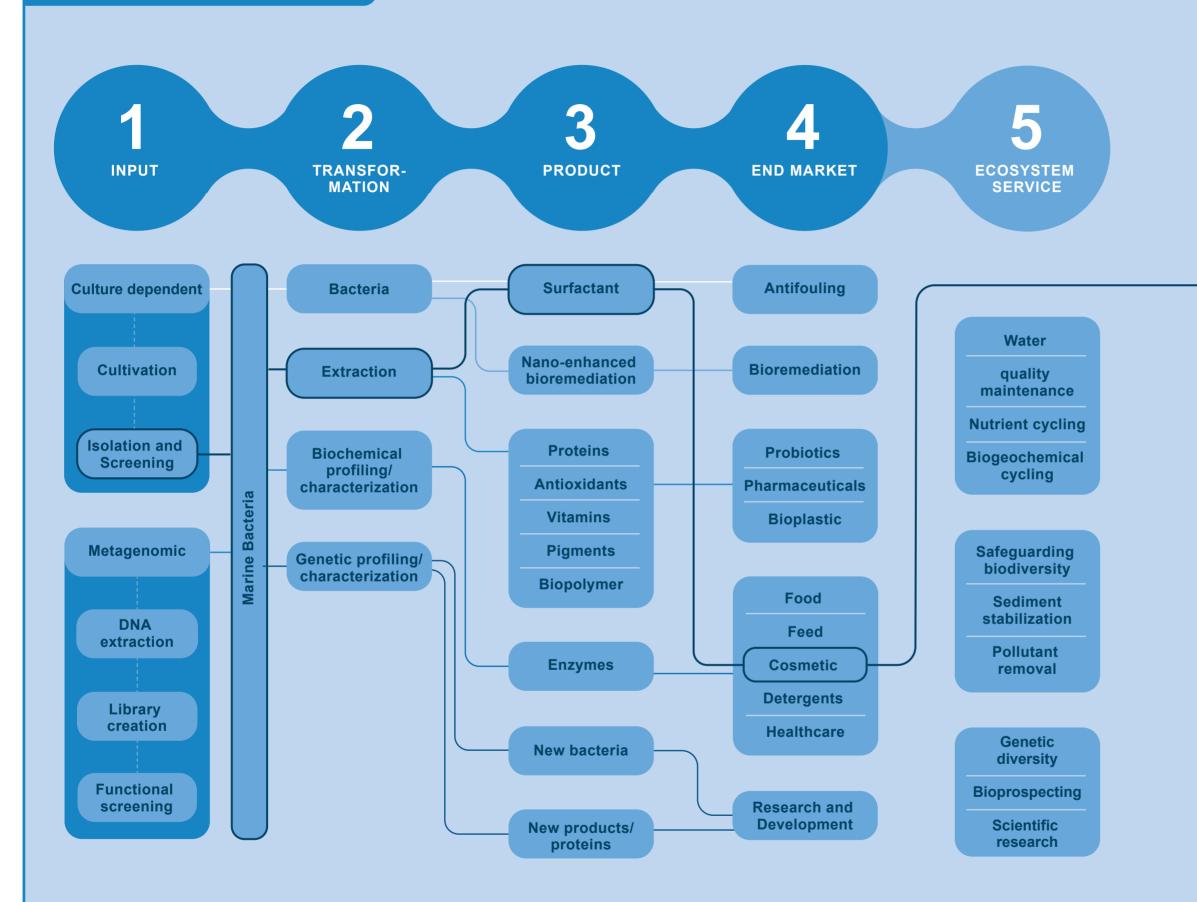
Aesthetic benefits

#### **Involved Actors**

- Fishers and fishing companies
- Processing plants (if not available on vessel)
- Fish comany/brand
- Fupermarkets



#### **BIOMASS BOARD – MARINE BACTERIA**







### **Involved Actors**

- EU funding
- · High-skilled labour

