

The economy of marine biotechnology: The golden triangle of blue growth

Bunei Nishimura*, Denis Bailly and Pascal Le Floc'H

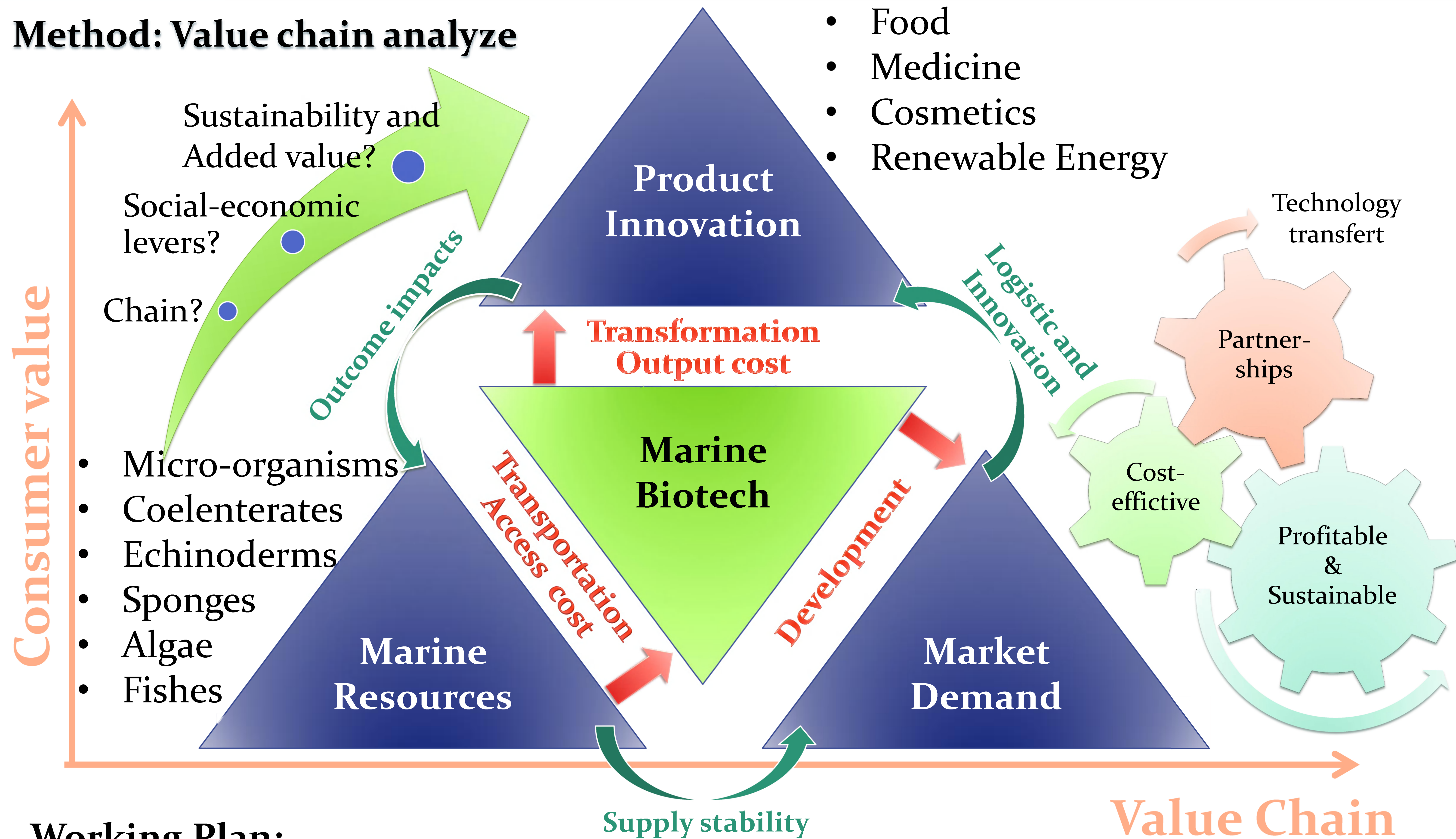
University of Brest, UMR AMURE, IUEM, 12 rue du Kergoat, CS 93837, 29238 Brest Cedex 3, France

*E-mail: bunei.nishimura@univ-brest.fr

Study aims:

- 1) Identify **opportunities** and **constraints** for the development of marine biotechnology
- 2) Identify public-private partnerships in the areas of research & innovation and market development (poles, clusters)

Method: Value chain analyze



Working Plan:

1) Opportunities / constraints

- Identify opportunities displayed:

- (i) for enterprises (new markets / new products)
- (ii) research (production of basic and applied knowledge)
- (iii) public actors - local-(employment, attractiveness of territories)

- Identify constraints

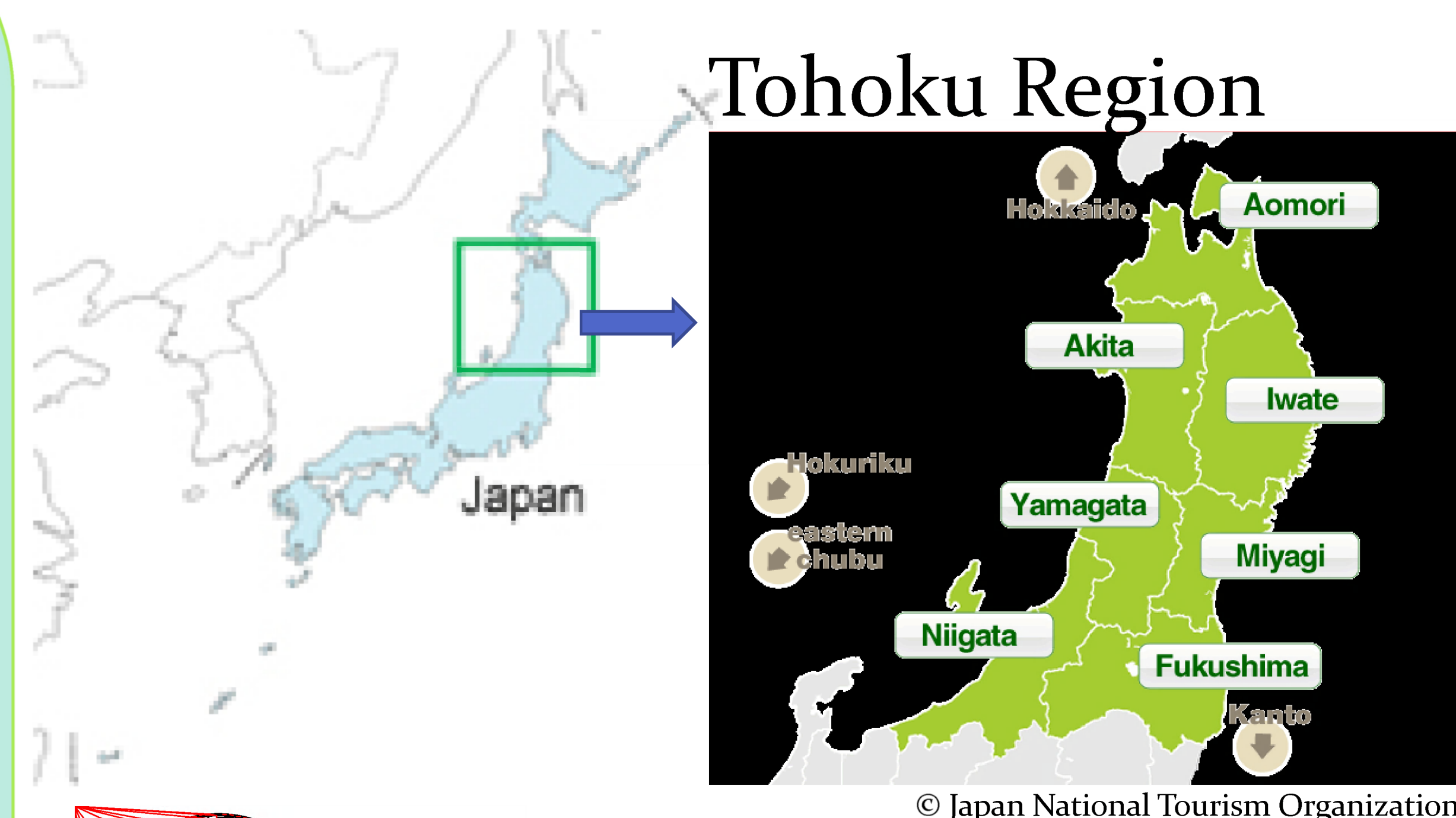
- (i) for businesses: financing sources (transportation costs, access to raw materials, access to a skilled workforce ...)
- (ii) Research: orientation programs of research (sources of funding, priorities)
- (iii) public actors - local-(employment qualified / unqualified, training, territorial attractiveness / conversion / adaptation)

2) Public-private partnerships, research / business

Develop here the different existing patterns: clusters (Maritime) competitiveness cluster (a lot of work in industrial economics and regional economics)

Regional case study:

Tohoku Region



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France Brittany Region

