

Potential of the Chilean seaweed sector

Sustainable large scale production and beneficial effects of local seaweed varieties
 15 December 2022 – Wouter Muizelaar, Gerbrand Jung

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Video

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Seaweed sector

- Worldwide 6 billion USD
- Daily (food) products: e.g. E401-E407
- Wild harvest vs Aquaculture

Country	Total x 1000 kg	Wild harvest %	Aquaculture %
6. Chile	357,656	97	3

Source: FAO 2018

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Current situation

- Knowledge present
 - In- & outdoor cultivation (Uni. Los Lagos)
 - Applications e.g. animal feed (INIA, Uni. Santo Tomas)
- Aquaculture infrastructure (salmon sector)
- Legislation;
 - focused on protection
- Market opportunity
 - export; low cost, low value

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Opportunities

- Combine technology & knowhow
- Expertise in processing & product development
 - Animal feed, crop fertilizer
- Indigenous communities
- Next step:** Innovation Mission

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